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TRAFFIC IMPACT STUDY

****

MINISCEONGO PARK

U.S. ROUTE 202 @ PALISADES PARKWAY

TOWN OF HAVERSTRAW & TOWN OF RAMAPO,

NEW YORK

JOB NO. 1540

NOVEMBER 24, 2008

REVISED MARCH 19, 2009

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SECTION I

INTRODUCTION

This study represents an update of the original traffic study prepared for the Minisceongo Park development. It reflects the changes in the development plan and includes updates in response to the technical review comments from the Town of Haverstraw consultants as well as comments received at the public hearing for the project.

A. PROJECT DESCRIPTION AND LOCATION (Figure No. 1)

Minisceongo Park, a mixed use development consisting of up to 219 multifamily dwelling units, a 270,850 s.f. shopping center including several commercial out parcels, is proposed on property located on the north side of U.S. Route 202 immediately west of the Palisades Interstate Parkway (PIP) southbound on/off ramp. The property is located partially in the Town of Haverstraw and partially in the Town of Ramapo. As shown on Figure No.1, access to the development is proposed via a full movement access to U.S. Route 202 opposite an existing shopping center driveway and a right turn entry exit drive located further to the east.

The proposed development is expected to be completed in the next several years and for the purposes of analysis, a Design Year of 2011 has been utilized to evaluate future traffic conditions.

B. SCOPE OF STUDY

This study has been prepared to evaluate the potential traffic impacts of the proposed development on the roadway system in the area. As part of the study, detailed turning movement traffic counts were collected at various intersections in the area which were identified in the Scoping Document prepared by the Town of Haverstraw Planning Board. The Existing Traffic Volumes were then projected to a future design year utilizing a background growth factor. In addition, the traffic from other potential developments in the area was then added to the projected traffic volumes to obtain the 2011 No-Build Traffic Volumes.

Estimates of the traffic which are expected to be generated by the proposed development were computed based on information published by the Institute of Transportation Engineers (ITE). The Site Generated Traffic Volumes were then assigned to the roadway network based on an arrival and departure distribution which was developed based on a review of existing traffic patterns in the area, and in consideration of the market area to be served by the retail space. The Site Generated Traffic Volumes were combined with the design year No-Build Traffic Volumes to obtain the Build Traffic Volumes for each of the intersections.

A detailed capacity analysis was conducted at each of the intersections utilizing the procedures outlined in the 2000 Highway Capacity Manual. The Existing, No-Build and Build Traffic Volumes were all analyzed for each of the peak hours to identify Levels of Service and operating conditions. Where necessary, based on the results of the analysis, recommendations for improvements were made.

SECTION II

EXISTING ROADWAY AND TRAFFIC CONDITIONS

A. DESCRIPTION OF EXISTING ROADWAY NETWORK

As discussed above, the site will have access to U.S. Route 202. The following is a description of this and other roadways in the vicinity of the site.

1. U.S. Route 202 - is a major east/west arterial which traverses throughout Rockland County through Ramapo, Haverstraw and east into the Village of Haverstraw. In the immediate vicinity of the site, the roadway generally consists of one lane in each direction widened at various intersections. This section of roadway has a posted speed limit of 45 mph. The NYSDOT plans to award a contract (PIN 809357) for the reconstruction of Route 202 at the Palisades Interstate Parkway. The project will include the replacement of the PIP bridge structures over Route 202. The project is scheduled to be completed by the end of 2010.

2. Palisades Interstate Parkway (PIP) - is a major north/south limited access facility which originates in New Jersey and traverses throughout Rockland County and into Orange County, New York. In the vicinity of the site, it is a four lane divided and limited access highway. Access to/from the PIP southbound is provided via U.S. Route 202. Access to the PIP northbound is provided via NYS Route 45 and access from the PIP northbound is provided

vial Thiells - Mt. Ivy Road. The Palisades Interstate Parkway has a posted speed limit of 55 mph.

3. Quaker Road - is an existing Town road which originates at an intersection with the PIP southbound on/off ramp. Quaker Road continues in a northwesterly direction passing the Barr Laboratory complex and continues in a northwesterly direction into the Village of Pomona. Quaker Road intersects with other local roadways and then the alignment changes to a southwesterly direction and connects with Camp Hill Road at a "stop" sign controlled intersection further to the west.

4. Camp Hill Road - originates at an intersection with Calls Hollow Road and traverses in a southerly direction intersecting with Quaker Road, U.S. Route 202 and continues in a southerly direction terminating at an intersection with Pomona Road. A traffic signal controls traffic flows at the intersection with U.S. Route 202.

5. NYS Route 306 – is a State Highway which runs in a generally north/south direction throughout Rockland County. It extends from Route 59 in the Town of Ramapo continuing north through the Village of New Hempstead and intersects with Route 202 at a signalized intersection.

6. NYS Route 45 – is a generally two lane roadway which originates at a signalized intersection with U.S. Route 202 in the Town of Haverstraw. It continues in a southerly direction providing access to the Palisade Interstate Parkway both northbound and southbound. The roadway continues through the Villages of New Hempstead, New Square and through Spring Valley into Chestnut Ridge and connects to Chestnut Ridge Road at the Bergen County line.

7. Martino Way – is an existing two lane town roadway which originates at a signalized intersection with U.S. Route 202. It provides access to existing residential areas.

B. YEAR 2008 EXISTING TRAFFIC VOLUMES (Figures No. 2, 3 and 4)

Manual turning movement traffic counts were conducted by John Collins Engineers, P.C. during May and September 2008 in order to establish the existing traffic volumes for the key intersections in the vicinity of the site. These new counts were also compared with previous counts conducted in the area by John Collins Engineers, P.C., Tim Miller Associates, Inc. and NYSDOT resulting in the Year 2008 Existing Traffic Volumes for the Weekday Peak AM and Peak PM Highway Hours and Saturday Peak Hour for the following locations as per the Scoping Document and discussed with the Town of Haverstraw Traffic Consultant TRC.

- U.S. Route 202 and NYS Route 45
- U.S. Route 202 and Thiells - Mt. Ivy Road
- U.S. Route 202 and Palisades Interstate Parkway (P.I.P) Southbound On/Off Ramp

- U.S. Route 202 and Camp Hill Road
- U.S. Route 202 and NYS Route 306
- Thiells - Mt. Ivy Road and P.I.P Northbound Off Ramp
- Quaker Road and P.I.P Southbound On/Off Ramp
- U.S. Route 202 and Proposed Site Access/Existing Shopping Center Driveway
- U.S. Route 202 and Pacesetter Shopping Center
- U.S. Route 202 and Ramapo Plaza
- U.S. Route 202 and Martino Way
- U.S. Route 202 and Balsam Road/Crystal Hill Club Access
- NYS Route 45 and Old Route 202/Park and Ride Access

Based on a review of these traffic counts, the existing peak hours were generally identified as follows:

- Weekday Peak AM Highway Hour - 7:30 AM to 8:30 AM
- Weekday Peak PM Highway Hour - 5:00 PM to 6:00 PM
- Saturday Peak Hour - 11:30 AM to 12:30PM

The resulting Year 2008 Existing Traffic Volumes for each of the study area locations are shown on Figures No. 2, 3 and 4 for the Weekday AM and PM Peak Hours and Saturday Peak Hour, respectively.

C. ACCIDENT DATA (Appendix "E")

All available accident data was collected for the area roadways from the New York State Department of Transportation for the latest available five year period. Copies of the accident reports and summary are contained in Appendix "E".

SECTION III

EVALUATION OF FUTURE TRAFFIC CONDITIONS

A. YEAR 2011 NO-BUILD TRAFFIC VOLUMES

(Figures No. 5 through 13 and Figure ODT-1 and Table ODT-1)

Based on historical data, the background growth for the area has been between 1% and 2%. In order to account for normal background traffic growth in the area, the Year 2008 Existing Traffic Volumes were increased by a total background growth of 6% to the Year 2011. These 2011 Project Traffic Volumes are shown on Figures No. 5, 6 and 7.

In addition, traffic from several other planned or approved developments in the surrounding area were identified through recent discussions with the Town of Ramapo and the Town of Haverstraw.

- Cumberland Farms
- Pomona Heights Office Building
- H.A.S.C. of Rockland
- Mesifta Beth Shraga
- Bobover Yeshiva of Monsey
- Congregation Kahal Torath Charm of Rockland

The location of these other developments is shown on Figure ODT-1 and the trip generation for each of these is shown in Table ODT-1.

The traffic from each of these developments was estimated and added to the roadway network. The other development traffic is shown on Figures No. 8, 9 and 10. These were then added to the 2011 Projected Traffic Volumes to obtain the 2011 No-Build Traffic Volumes which are shown on Figures 11, 12 and 13 for each of the peak hours.

An additional analysis was also undertaken which considers the affects of the proposed Patrick Farm subdivision and is discussed in more detail in Section III-G of this report.

B. SITE GENERATED TRAFFIC VOLUMES (Table No. 1)

Estimates of the amount of traffic to be generated by the proposed Minisceongo Park development during each of the peak hours were developed based on information published by the Institute of Transportation Engineers (ITE) as outlined in their report titled, "Trip Generation", 7th Edition, 2003.

It should be noted that with respect to the commercial uses on this site, a significant portion of the trips generated are attracted as pass-by or diverted link trips from the existing roadway network. Studies have shown that for commercial uses, between 25% and 50% of the trips generated can be categorized as pass-by or diverted link trips. Note that the traffic volumes shown in Table No. 1

reflect consideration of both pass-by and diverted link trips as well as some internal trips for the residential use.

Table No. 1 summarizes the trip generation rates and anticipated site generated traffic volumes for the Weekday Peak AM and Peak PM Highway Hours and Saturday Peak Hours.

C. ARRIVAL AND DEPARTURE DISTRIBUTIONS (Figures No. 14, 15, 16 and 17)

It is necessary to establish an arrival/departure distribution in order to assign the site generated traffic volumes to the roadway network. The arrival and departure distributions were established based on a review of the existing traffic volumes, the population and employment centers in the area, and in consideration of the market area to be served by the retail space. The resulting arrival and departure distributions are shown on Figures No. 14 and 15 for the residential component of the development and Figures No. 16 and 17 for the commercial component.

D. YEAR 2011 BUILD TRAFFIC VOLUMES (Figures No. 18 through 26)

The site generated traffic volumes for the proposed development were assigned to the roadway network based on the above referenced distribution patterns. The resulting site generated traffic volumes are shown on Figures No. 18, 19, 20, 21, 22 and 23 for the peak hours. These volumes were then added to the Year 2011 No-Build Traffic Volumes to obtain the Year 2011 Build Traffic Volumes (with the proposed development).

The resulting Year 2011 Build Traffic Volumes are shown on Figures No. 24, 25 and 26 for the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hours, respectively.

E. DESCRIPTION OF ANALYSIS PROCEDURES

It was necessary to perform capacity analyses in order to determine existing and future traffic operating conditions at the study area intersections. The following is a brief description of the analysis method utilized in this report:

- Signalized Intersection Capacity Analysis

  The capacity analysis for a signalized intersection was performed in accordance with the procedures described in the 2000 Highway Capacity Manual, published by the Transportation Research Board. The terminology used in identifying traffic flow conditions is Levels of Service. A Level of Service "A" represents the best condition and a Level of Service "F" represents the worst condition. A Level of Service "C" is generally used as a design standard while a Level of Service "D" is acceptable during peak periods. A Level of Service "E" represents an operation near capacity. In order to identify an intersection's Level of Service, the average amount of vehicle delay is computed for each approach to the intersection as well as for the overall intersection.

- Unsignalized Intersection Capacity Analysis

  The unsignalized intersection capacity analysis method utilized in this report was also performed in accordance with the procedures described in the 2000 Highway Capacity Manual. The procedure is based on total elapsed time from when a vehicle stops at the end of the

queue until the vehicle departs from the stop line. The average total delay for any particular critical movement is a function of the service rate or capacity of the approach and the degree of saturation. In order to identify the Level of Service, the average amount of vehicle delay is computed for each critical movement to the intersection.

Additional information concerning signalized and unsignalized Levels of Service can be found in Appendix "D" of this report.

F. TRAFFIC IMPACT ANALYSIS (Table No. 2)

Capacity analyses were conducted at each of the intersections utilizing the procedures described above in order to evaluate existing and future traffic operating conditions for the area intersections.

Table No. 2 summarizes the results of the analysis for the Year 2008 Existing, Year 2011 No-Build and Year 2011 Build Traffic Volumes. Copies of the intersection capacity analysis (which shows the existing geometrics) are contained in Appendix "C" of this report. A SYNCHRO/SIM traffic analysis was also completed to provide more details for the proposed signal operations.

Summarized below is a summary of the existing and future Levels of Service and any recommended improvements.

1. U.S. Route 202 and NYS Route 45

NYS Route 45 intersects with U.S. Route 202 opposite Old Country Road at a signalized intersection.

The capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "C" during the Weekday Peak AM and PM Peak Highway Hours and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that with signal timing changes and signal coordination with adjacent traffic signals, the intersection is projected to operate at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and Saturday Peak Hour and is projected to operate at an overall Level of Service "D" during the Weekday Peak PM Highway Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will continue to operate at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and will continue to operate at an overall Level of Service "D" during the Weekday Peak PM Highway Hour and Saturday Peak Hour.

2. U.S. Route 202 and Thiells - Mt. Ivy Road

Thiells - Mt. Ivy Road intersects with U.S. Route 202 opposite the existing Park and Ride at a signalized full movement intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "D" during the Weekday

Peak AM Highway Hour and is currently operating at an overall Level of Service "C" during the Weekday Peak PM Highway Hour and Saturday Peak Hours.

The NYSDOT currently has an improvement project in place (P.I.N. 8093.48) to improve the operation of this intersection by eliminating the existing park and ride entrance opposite Thiells - Mt. Ivy Road and replacing it with a right turn entry only driveway to the west and a right turn exit only driveway to the east. In addition, the U.S. Route 202 westbound approach will be widened to provide an additional through lane which will tie into westbound right turn lane at the Palisades Interstate Parkway southbound on/off ramp. As part of this improvement project, the U.S. Route 202 eastbound right turn lane at NYS Route 45 will be extended to the west past the Thiells - Mt. Ivy Road intersection. A copy of the NYSDOT plans is contained in Appendix "F".

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection is projected to operate at an overall Level of Service "C" or better during the Weekday Peak AM and PM Highway Hour and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will continue to operate at an overall Level of Service "C" or better during the Peak Hours.

3. U.S. Route 202 and PIP. Southbound On/Off Ramp

The Palisades Interstate Parkway Southbound On/Off Ramp intersects with U.S. Route 202 opposite the Mt. Ivy Diner at a signalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and is currently operating at an overall Level of Service "B" during the Weekday Peak PM Highway Hour and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection is projected to operate at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and is projected to operate at an overall Level of Service "B" during the Weekday Peak PM Highway Hour and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will continue to operate at an overall Level of Service "C" during the Weekday Peak AM Highway Hour and will continue to operate at an overall Level of Service "D" during the Weekday Peak PM Highway Hour and Level of Service "E" during the Saturday Peak Hour.

With the construction of the proposed Minisceongo Park development, this section of U.S. Route 202 will be widened to provide an additional lane and this would also provide additional storage for the U.S. Route 202 eastbound left turn. This widening together with

the coordination of the traffic signal at the Minisceongo Park development should improve operating conditions at this location to an overall Level of Service "C" or better.

4. U.S. Route 202 and Camp Hill Road

Camp Hill Road intersects with U.S. Route 202 at a signalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "B" during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection is projected to operate at an overall Level of Service "B" during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour. Some signal timing changes will be required to provide the most efficient operation.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will operate at an overall Level of Service "C" or better during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour.

5. Thiells - Mt. Ivy Road and PIP Northbound Off Ramp

The Palisades Interstate Parkway Northbound Off Ramp intersects with Thiells - Mt. Ivy Road at an unsignalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the PIP Northbound Off Ramp is currently operating at a Level of Service "E" during the Weekday Peak AM Highway Hour and is currently operating at a Level of Service "F" during the Weekday Peak PM Highway Hour and "E" during the Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build and Year 2011 Build Traffic Volumes indicates that the PIP Northbound Off Ramp will operate at a Level of Service "F" during the Weekday Peak AM, Weekday Peak PM and during the Saturday Peak Hour.

In order to improve that operation of this intersection regardless of the proposed development, a traffic signal would be required. With signalization, this intersection will operate at an overall Level of Service "C" or better during the Peak Hours utilizing the Year 2011 No-Build and Year 2011 Build Traffic volumes.

6. PIP Southbound On/Off Ramp and Quaker Road

Quaker Road intersects with the Palisades Interstate Parkway Southbound On/Off Ramp at an unsignalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the Quaker Road approach is currently operating at a Level of Service "F" during the Weekday Peak AM and Weekday Peak PM Highway Hours and "C" during the Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build and Year 2011 Build Traffic Volumes indicates that the Quaker Road approach will operate at a Level of Service "F" during the Weekday Peak AM, Weekday Peak PM Highway Hours and during the Saturday Peak Hour.

In order to improve that operation of this intersection regardless of the proposed development, a traffic signal would be required as well as a separate left turn lane to Quaker Road. With these improvements, this intersection will operate at an overall Level of Service "C" or better during the Weekday Peak AM and Weekday Peak PM Highway Hours utilizing the Year 2011 No-Build and Year 2011 Build Traffic volumes.

7. U.S. Route 202 and Proposed Site Access

As previously discussed, access to the development is proposed via a full movement access to U.S. Route 202 opposite an existing shopping center driveway.

It is recommended that a separate left turn lane on U.S. Route 202 be constructed in order to accommodate turning movements to and from the site as well as improve the access to the shopping center located on the south side of U.S. Route 202. In addition, it is also recommended that a separate right turn lane on U.S. Route 202 for traffic entering the site be constructed. The proposed driveway should be constructed to provide three exiting lanes in the form of a separate right turn lane, a through left lane and a separate left turn lane. Route

202 will also have to be widened to accommodate the dual left turn exit movement from the Minisceongo Park driveway. A traffic signal should be installed to control the turning movements at this location. This signal will also have to be interconnected with adjacent signals.

Capacity analysis conducted with the above recommended improvements indicates that this intersection will operate at an overall Level of Service "C" or better during the Weekday Peak AM and PM Highway Hours and Saturday Peak Hour.

8. U.S. Route 202 and Pacesetter Shopping Center

The Pacesetter Shopping Center intersects with U.S. Route 202 at a signalized "T" intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "B" during the Weekday Peak AM and Weekday Peak PM Highway Hours.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection is projected to operate at an overall Level of Service "B" during the Weekday Peak AM Highway Hour and Saturday Peak Hour and is projected to operate at an overall Level of Service "C" during the Weekday Peak PM Highway Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection will continue to operate at an overall Level of Service "C" or better during the Peak Hours. The existing traffic signal will have to be interconnected with the adjacent traffic signal at the proposed site access.

9. U.S. Route 202 and Ramapo Plaza

Ramapo Plaza intersects with U.S. Route 202 at an unsignalized "T" intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at a Level of Service "F" during the Weekday Peak AM Highway Hour and is currently operating at a Level of Service "D" during the Weekday Peak PM Highway Hour and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build Traffic Volumes indicates that the intersection will operate at Level of Service "F" during the Weekday Peak AM and PM Highway Hours and is projected to operate at a Level of Service "E" during the Saturday Highway Hour.

Capacity analysis conducted utilizing the Year 2011 Build Traffic Volumes indicates that the intersection operation will be improved from the No-Build conditions as a result of the provision of the turning lane on Route 202 as well as the gaps created by the new traffic

signal. Levels of Service "F," "E" and "E" will be experienced during the Weekday Peak AM Highway Hour, Weekday Peak PM Highway Hour and Saturday Peak Hours, respectively.

With the construction of the proposed Minisceongo Park development, this section of U.S. Route 202 will be widened. This widening together with the coordination of the traffic signal at the Minisceongo Park development with the adjacent signals on Route 202 should improve operating conditions at other existing driveways including Ramapo Plaza.

10. U.S. Route 202 and Martino Way

Martino Way intersects with U.S. Route 202 at a signalized intersection.

Capacity analysis conducted utilizing the Year 2008 Existing Traffic Volumes indicates that the intersection is currently operating at an overall Level of Service "B" or better during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour.

Capacity analysis conducted utilizing the Year 2011 No-Build and Year 2011 Build Traffic Volumes indicates that the intersection will operate at an overall Level of Service "C" or better during the Weekday Peak AM and Weekday Peak PM Highway Hours and Saturday Peak Hour.

11. U.S. Route 202 and Pacesetter Shopping Center (East)

U.S. Route 202 intersects with the east driveway for the Pacesetter Shopping Center at an unsignalized intersection. Capacity analyses for the 2011 Existing condition indicate that the intersection is operating at a Level of Service "C" or better during the weekday peak AM, PM and Saturday peak hours.

Capacity analyses for the 2011 No-Build and 2011 Build conditions indicate that the intersection will operate at Level of Service "C" or better during the weekday peak AM, PM and Saturday peak hours.

12. U.S. Route 202 and NYS Route 306

U.S. Route 202 and NYS Route 306 intersect at a signalized full movement intersection. The capacity analysis conducted at this intersection utilizing the Year 2008Existing Traffic Volumes indicates that an overall Level of Service "B" is experienced during peak periods.

The intersection was reanalyzed utilizing the Year 2011 No-Build and Year 2011 Build Traffic Volumes. A review of these analyses indicates that an overall Level of Service "C" or better will be obtained at this intersection during peak periods.

13. NYS Route 45 and Old Route 202/Park and Ride Access

Old Route 202 intersects with U.S. Route 202 opposite the driveway to the Park and Ride facility. Associated with the NYSDOT improvements, a traffic signal is being installed at this intersection.

The capacity analysis conducted at this intersection utilizing the Year 2011 No- Build and Year 2011 Build Traffic Volumes indicates a Level of Service "C" or better will be experienced during peak periods.

14. U.S. Route 202 and Crystal Hill Club and Balsam Road

Balsam Road and the Crystal Hill Club access intersect with U.S. Route 202 at a signalized intersection. Capacity analysis conducted at this intersection indicates that under existing conditions an overall Level of Service "C" or better is experienced during peak periods. The analysis was recomputed under future No-Build and Build conditions. The analysis indicates that an overall Level of Service "C" or better will be experienced during peak periods.

G. EVALUATION OF CONDITIONS WITH PROPOSED PATRICK FARM DEVELOPMENT

In addition to the other developments considered as part of the overall traffic evaluation, the Patrick Farm a 497 unit subdivision which is proposed in the Town of Ramapo, was also considered as part of a separate evaluation since this development is expected to be completed after the Minisceongo Park development. A series of figures and analysis as contained in the appendices were compiled to evaluate the effect of the additional traffic from this potential development.

H. PUBLIC TRANSPORTATION (Appendix "G")

The County of Rockland Department of Public Transportation has indicated that they plan to run the Transport of Rockland (TOR) Bus #95 into the Minisceongo Park site. This service will also allow transfers to other TOR routes. See Appendix "G" for a copy of their October 3, 2008 correspondence.

I. SUMMARY AND CONCLUSION (Table No. 3 and Drawing CP-1)

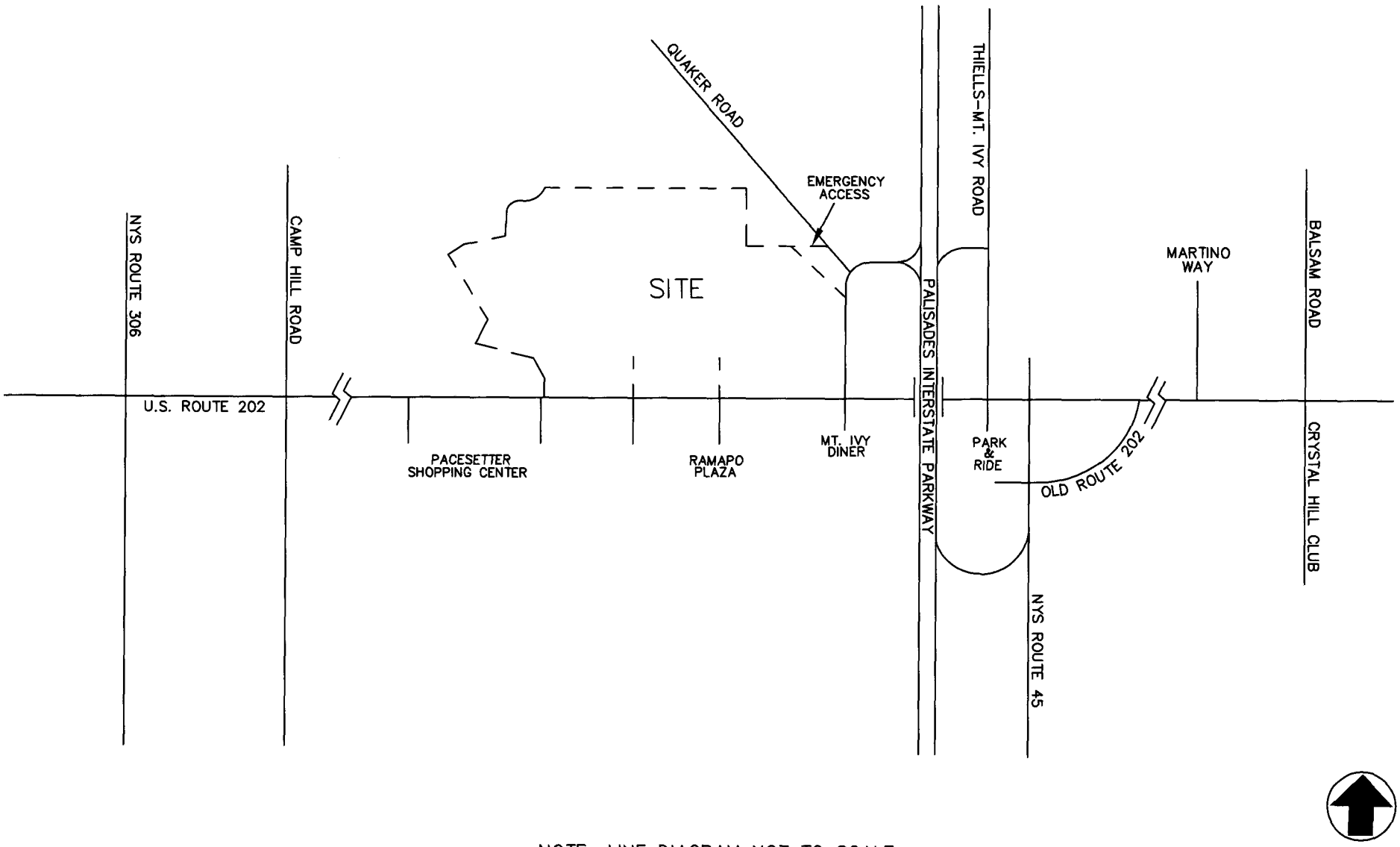
Based on a review of the conditions in the vicinity of the site, there are certain existing traffic delays occurring during peak periods. With the completion of the improvements outlined in the Section III-F, which are summarized in Table No. 3 and shown on Drawing CP-1 (Appendix "H"), the traffic to and from the Minisceongo Park Development can be accommodated and improved traffic flow and safety along the frontage of the site will be provided as a result of the proposed roadway improvements.

Respectfully Submitted,
JOHN COLLINS ENGINEERS, P.C.

Philip J. Grealy, Ph.D., P.E.

APPENDIX "A"

FIGURES



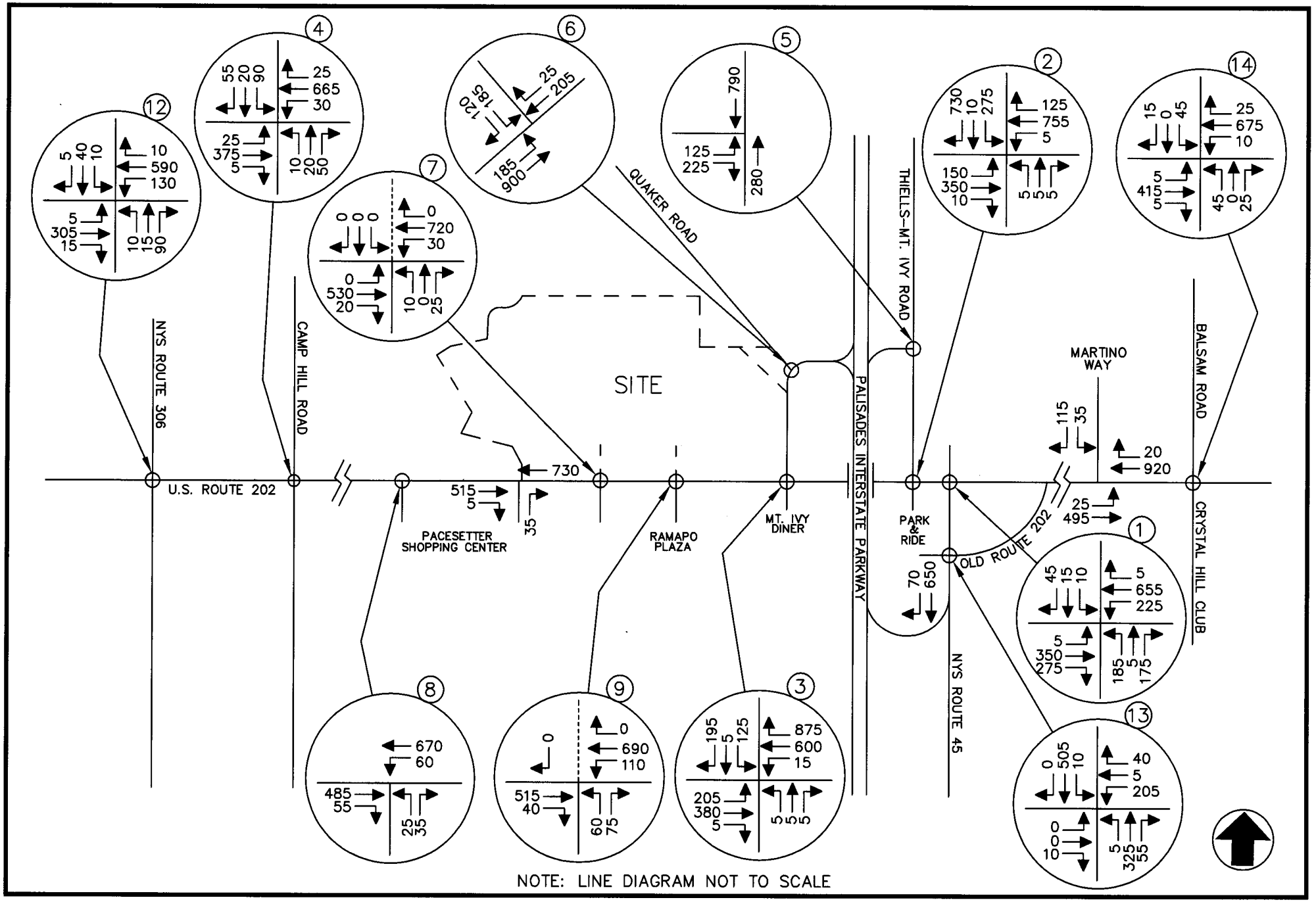
NOTE: LINE DIAGRAM NOT TO SCALE

MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE LOCATION MAP

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 1

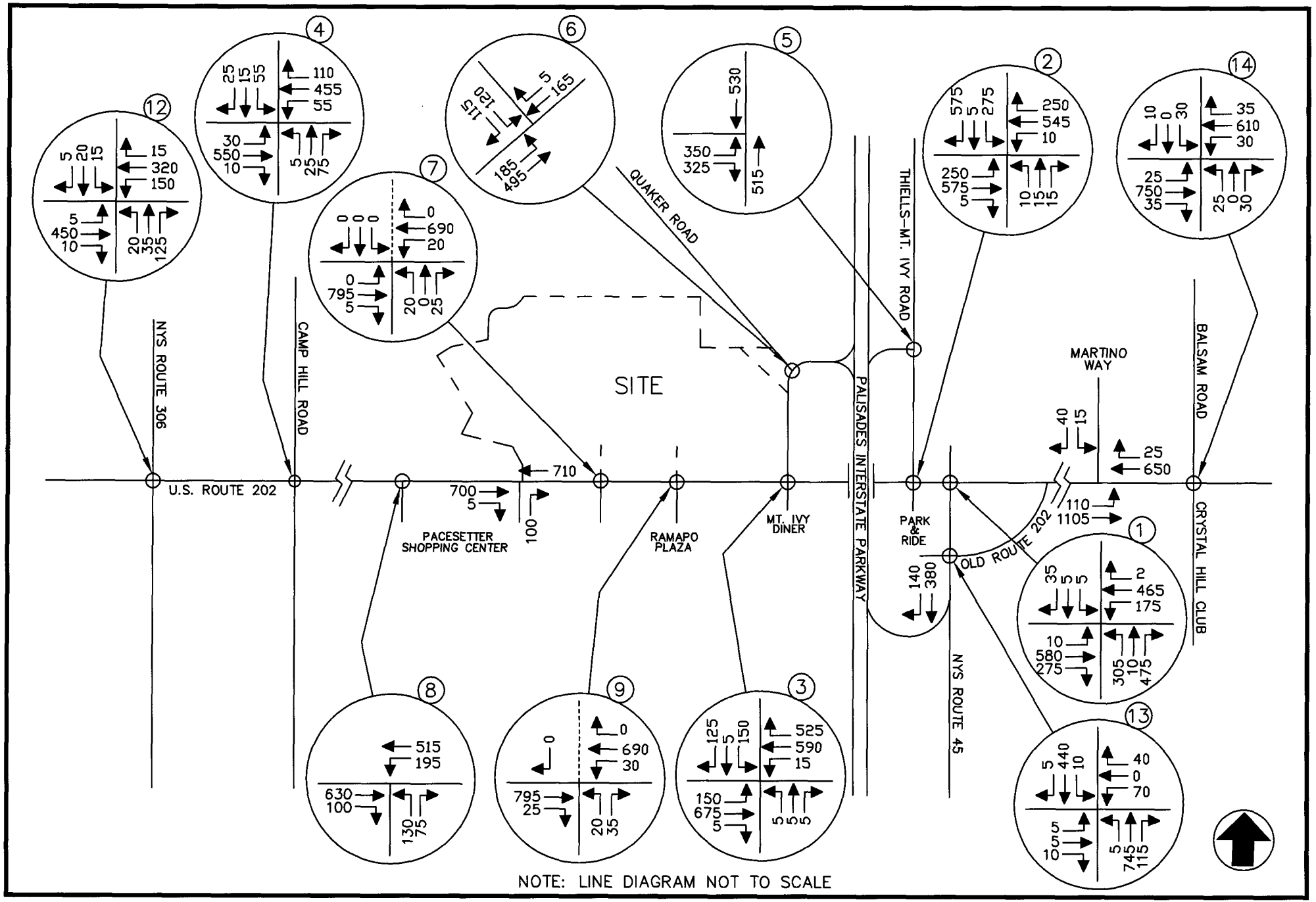


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2008 EXISTING TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 2



MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2008 EXISTING TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR

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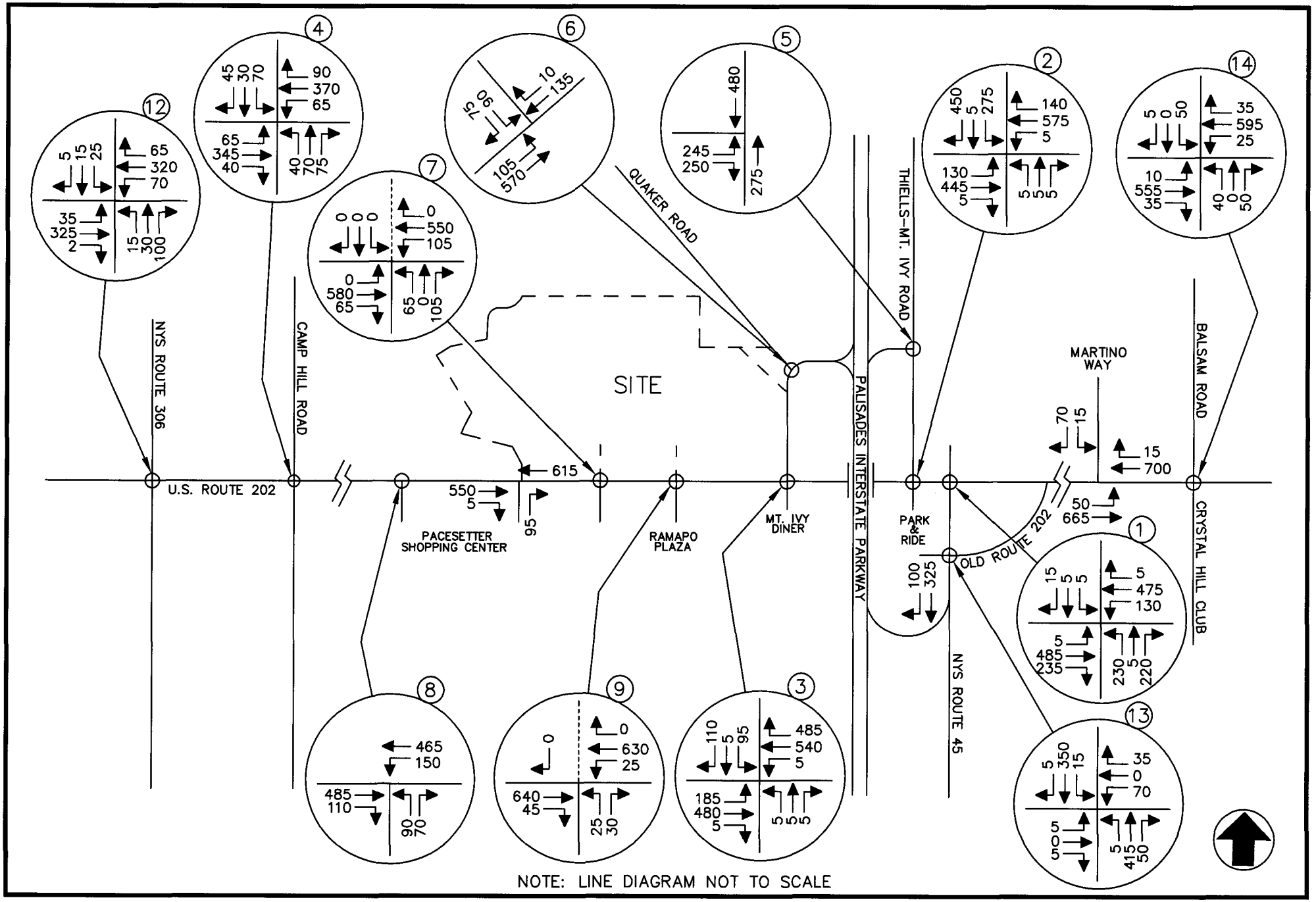
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 3



MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2008 EXISTING TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR

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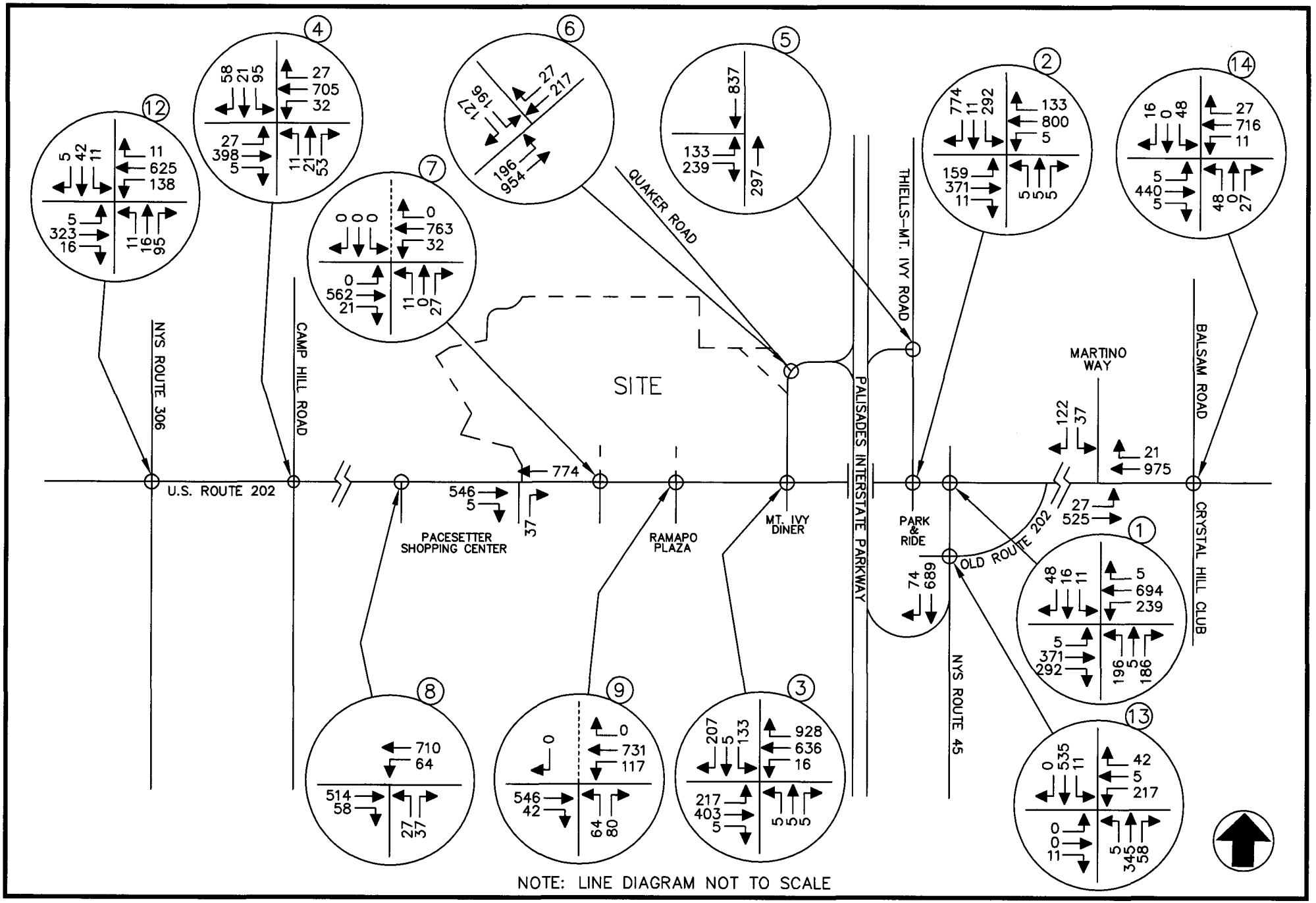
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 4

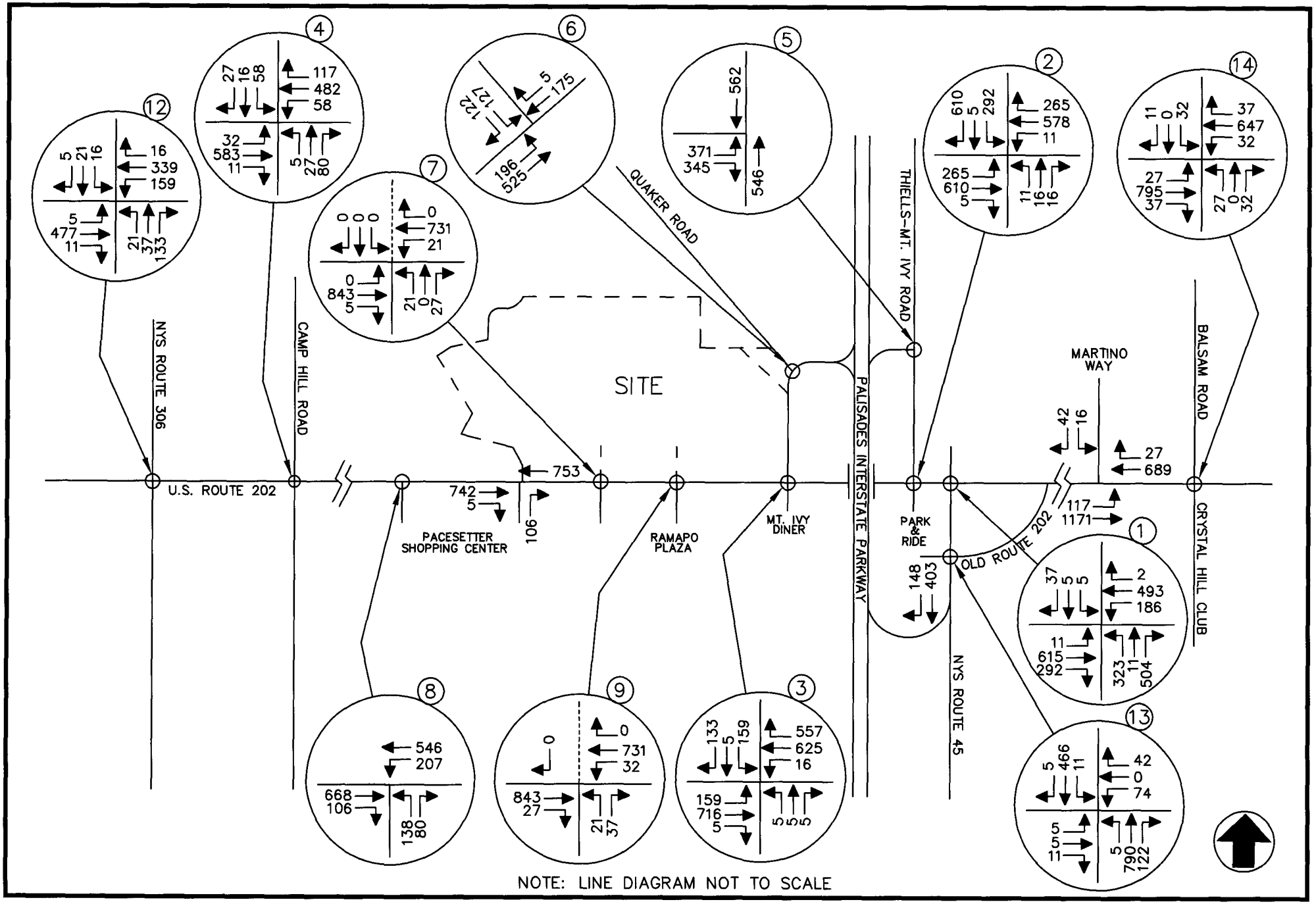


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 PROJECTED TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 5

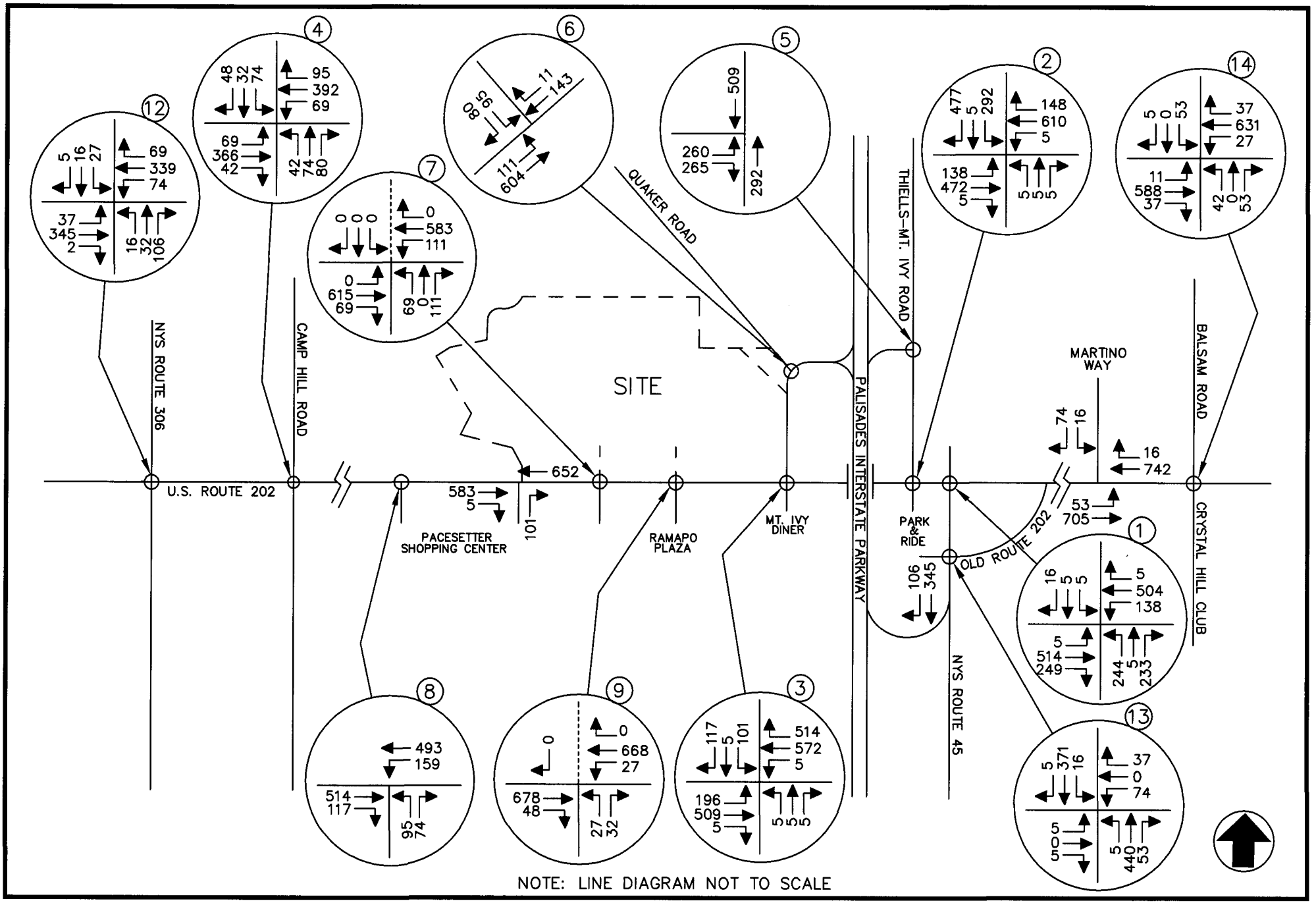


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 PROJECTED TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 6

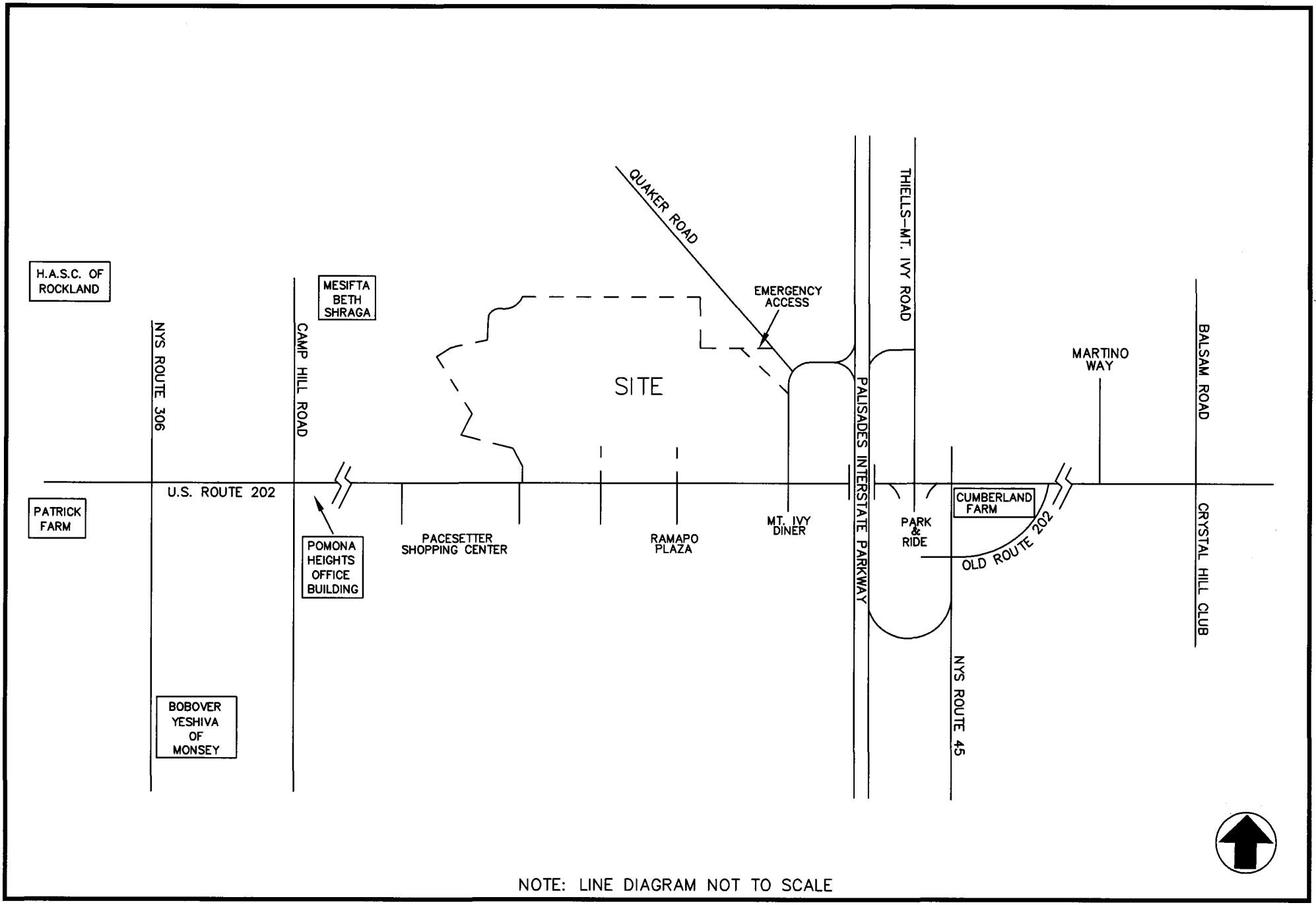


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 PROJECTED TRAFFIC VOLUMES
WEEKDAY PEAK SATURDAY HIGHWAY HOUR

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 7



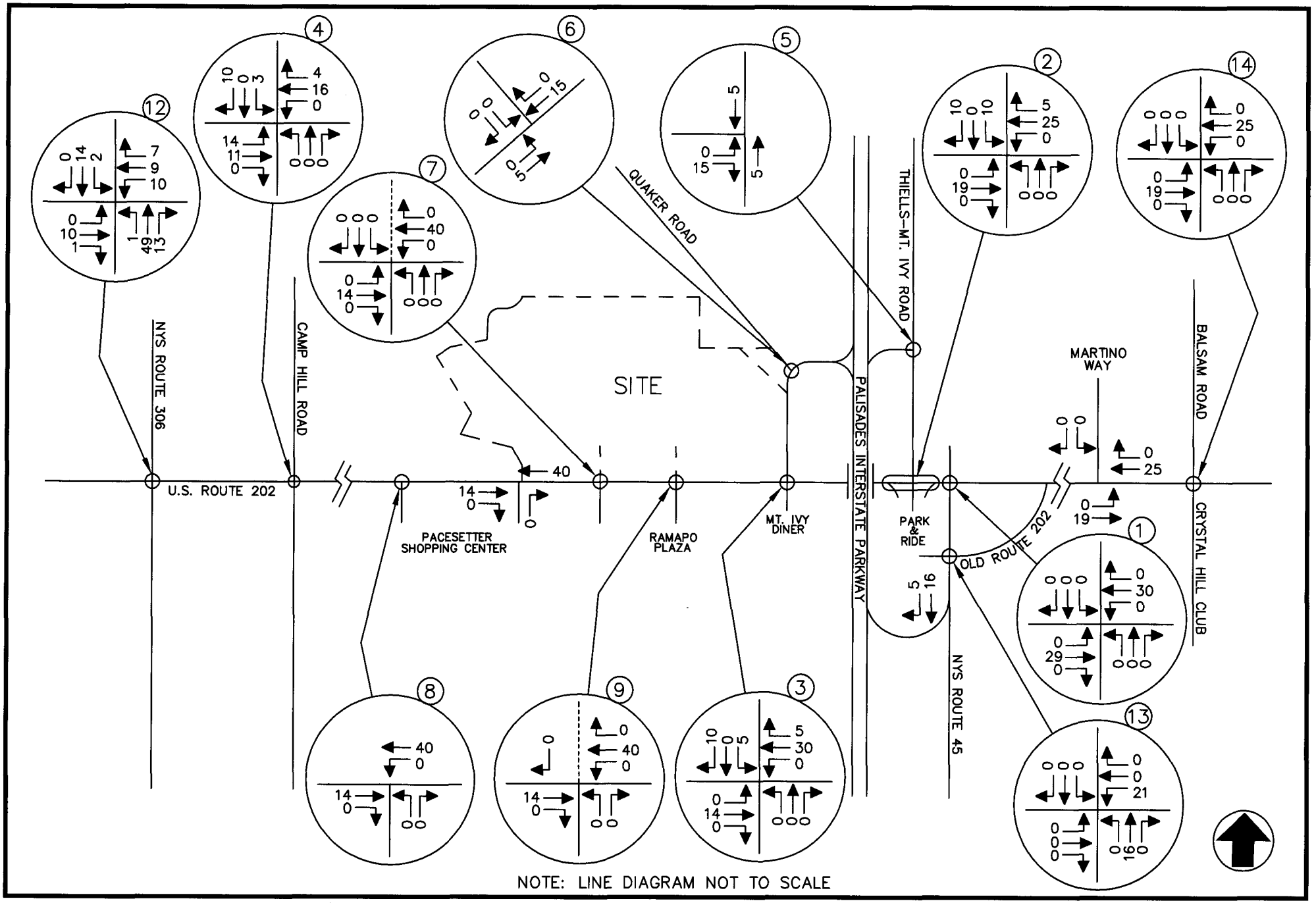
NOTE: LINE DIAGRAM NOT TO SCALE

MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT LOCATION MAP

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. ODT-1

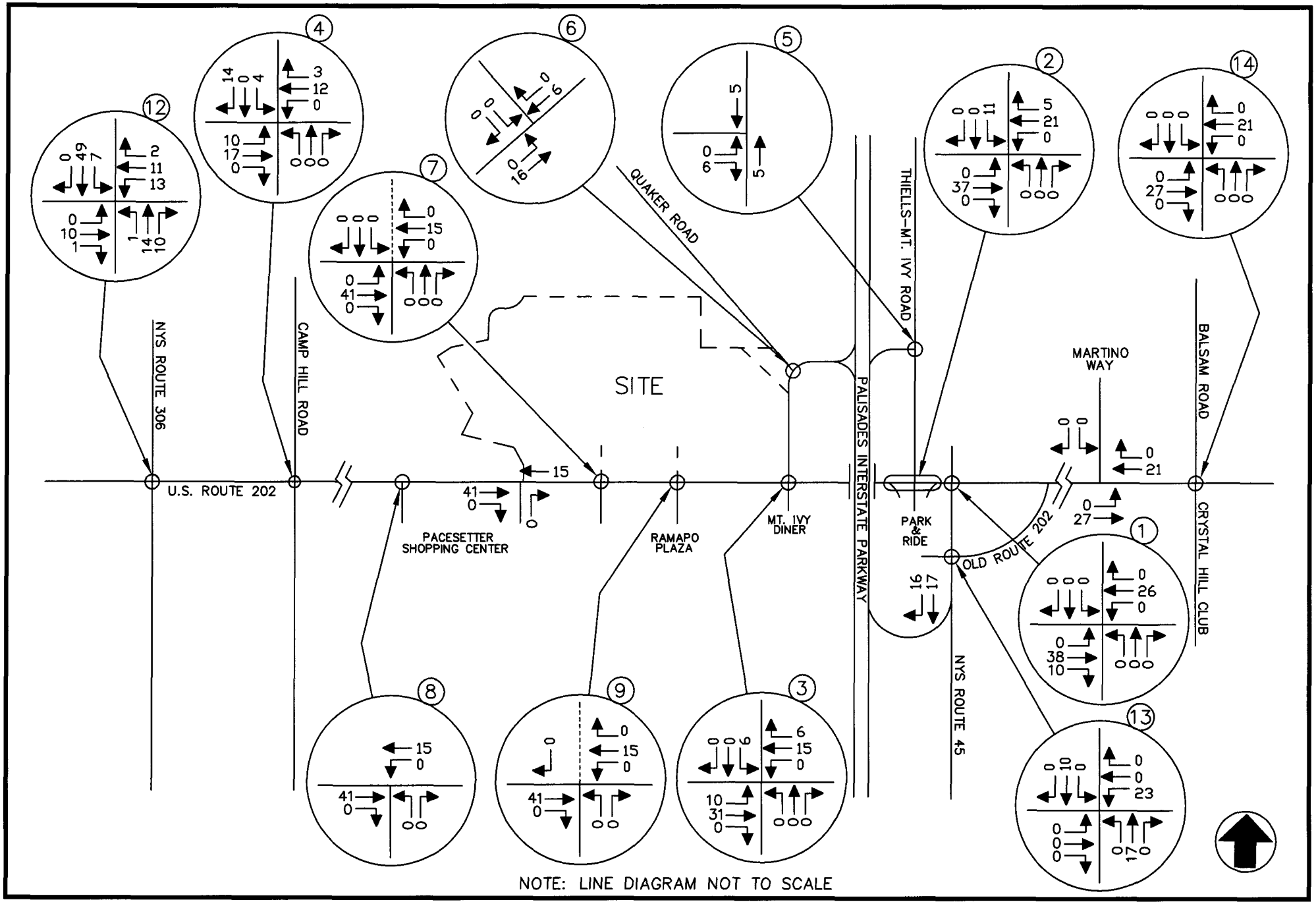


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 8



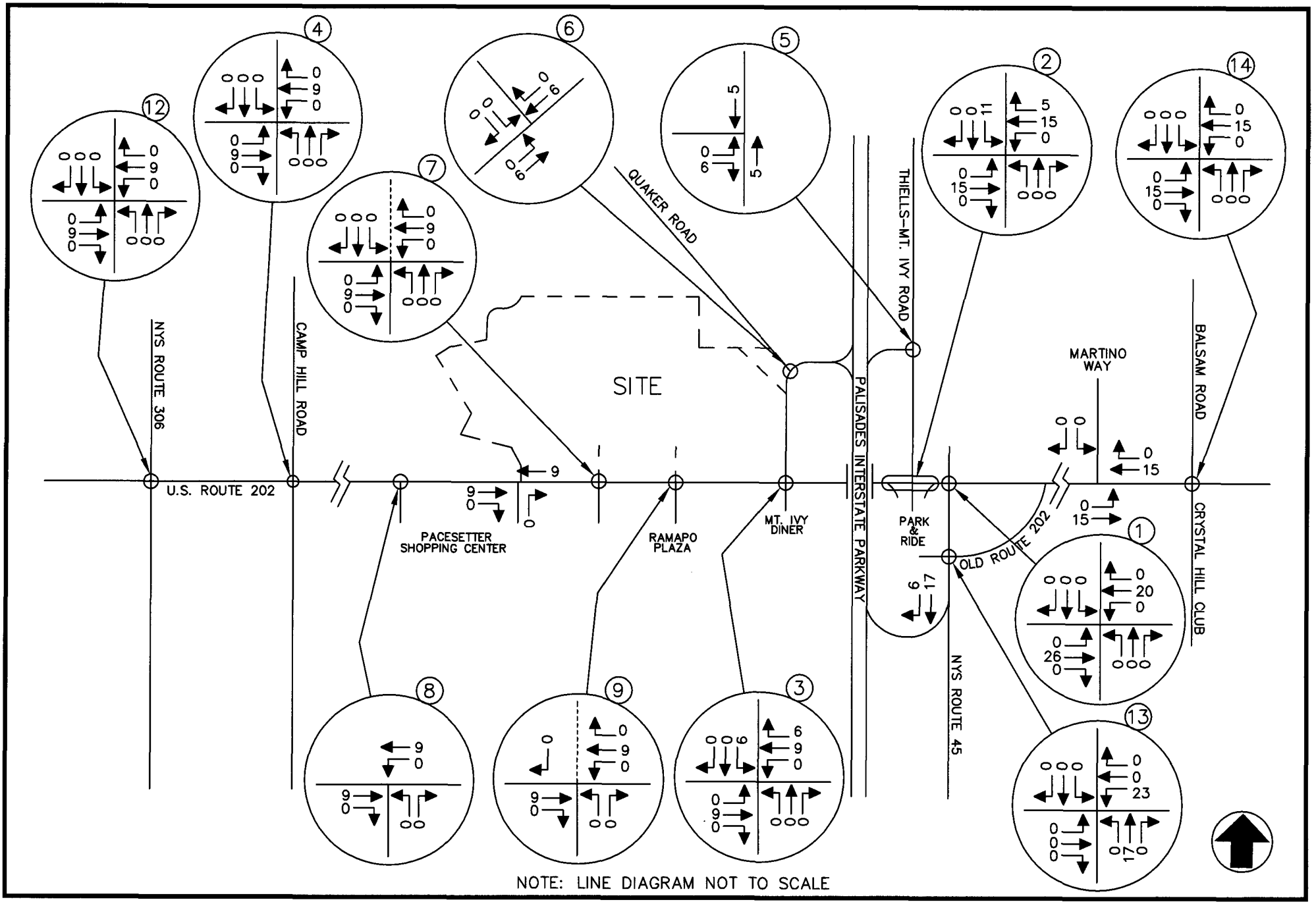
MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR

(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 9



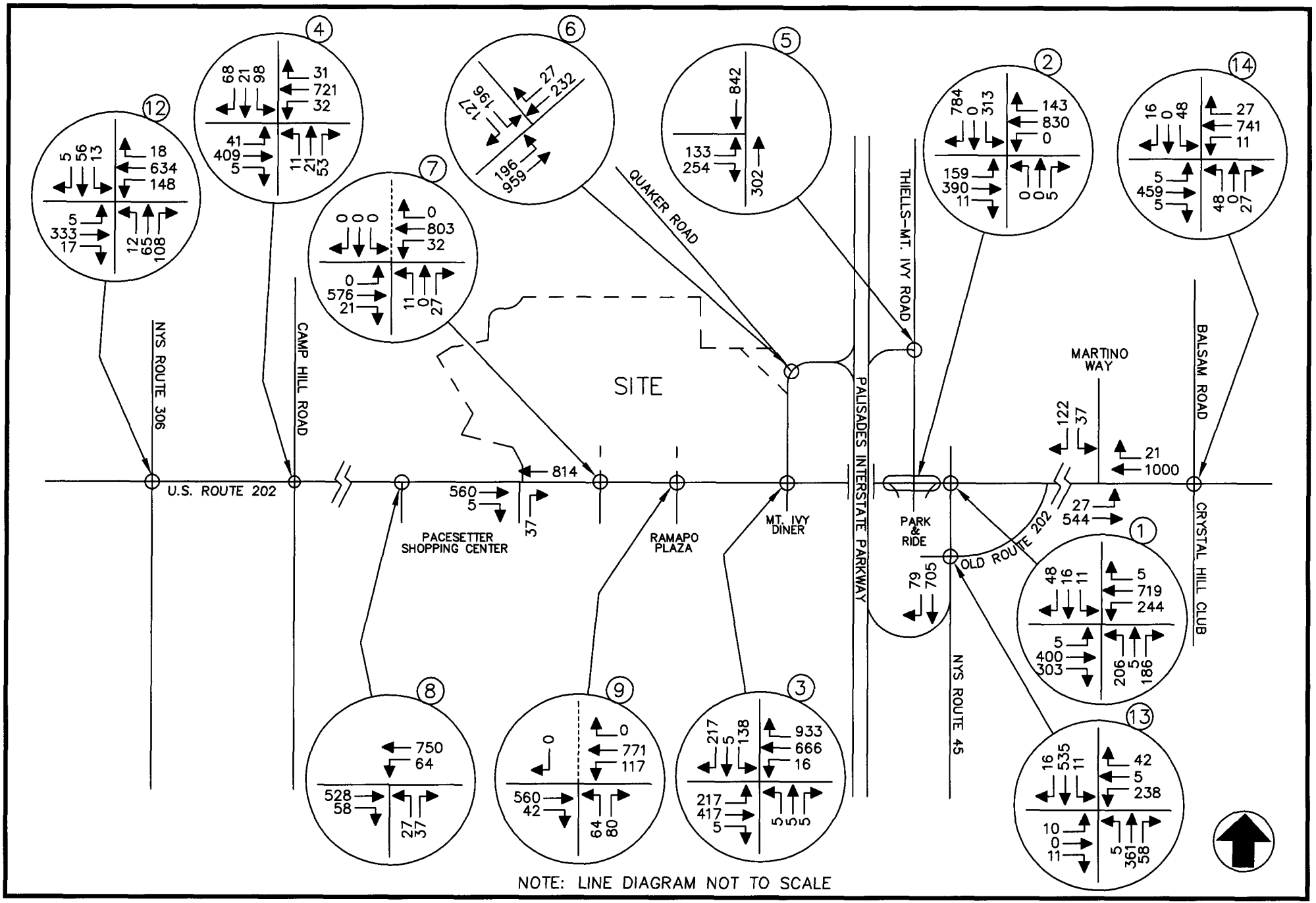
MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR

(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 10



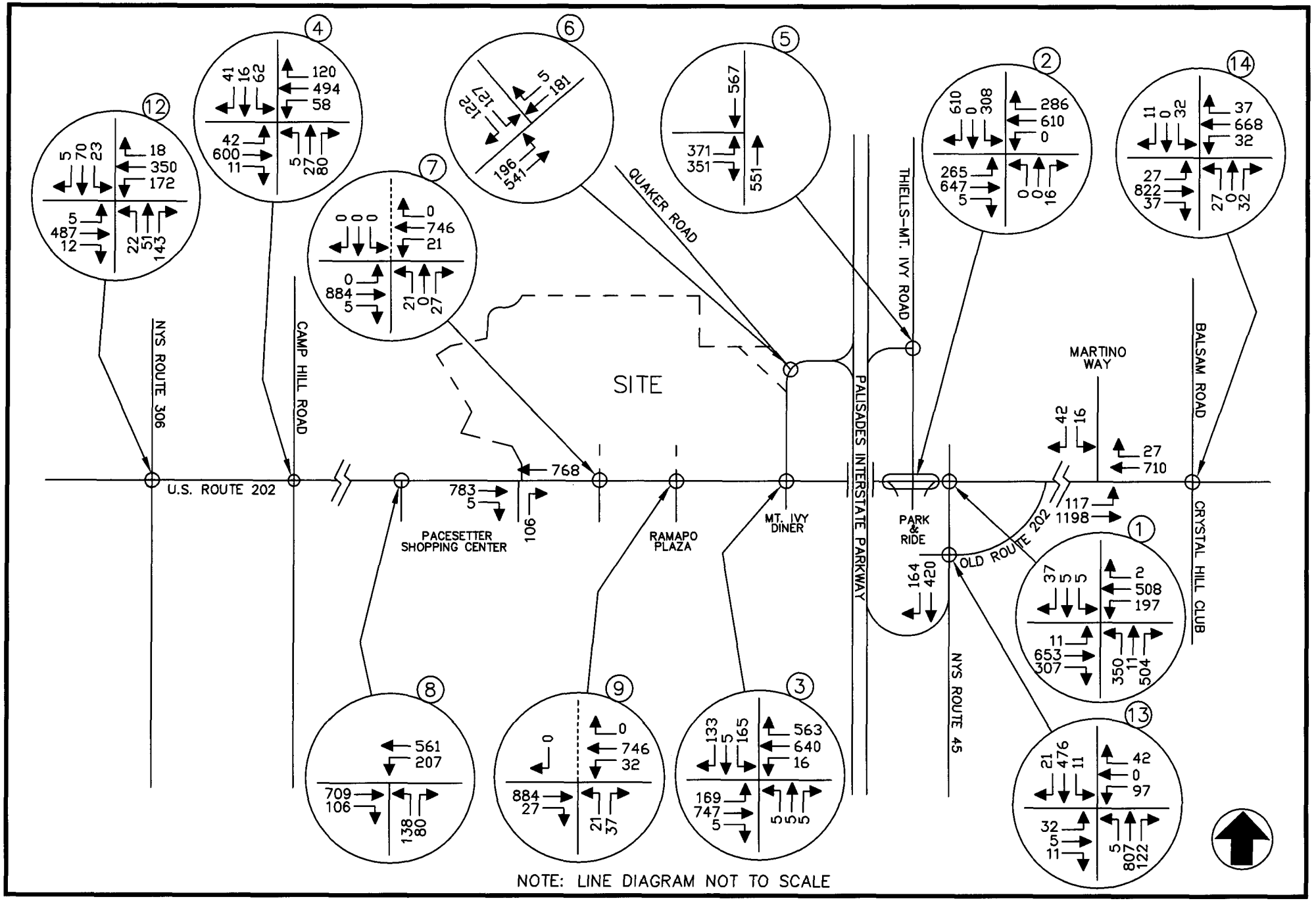
MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR

(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 11



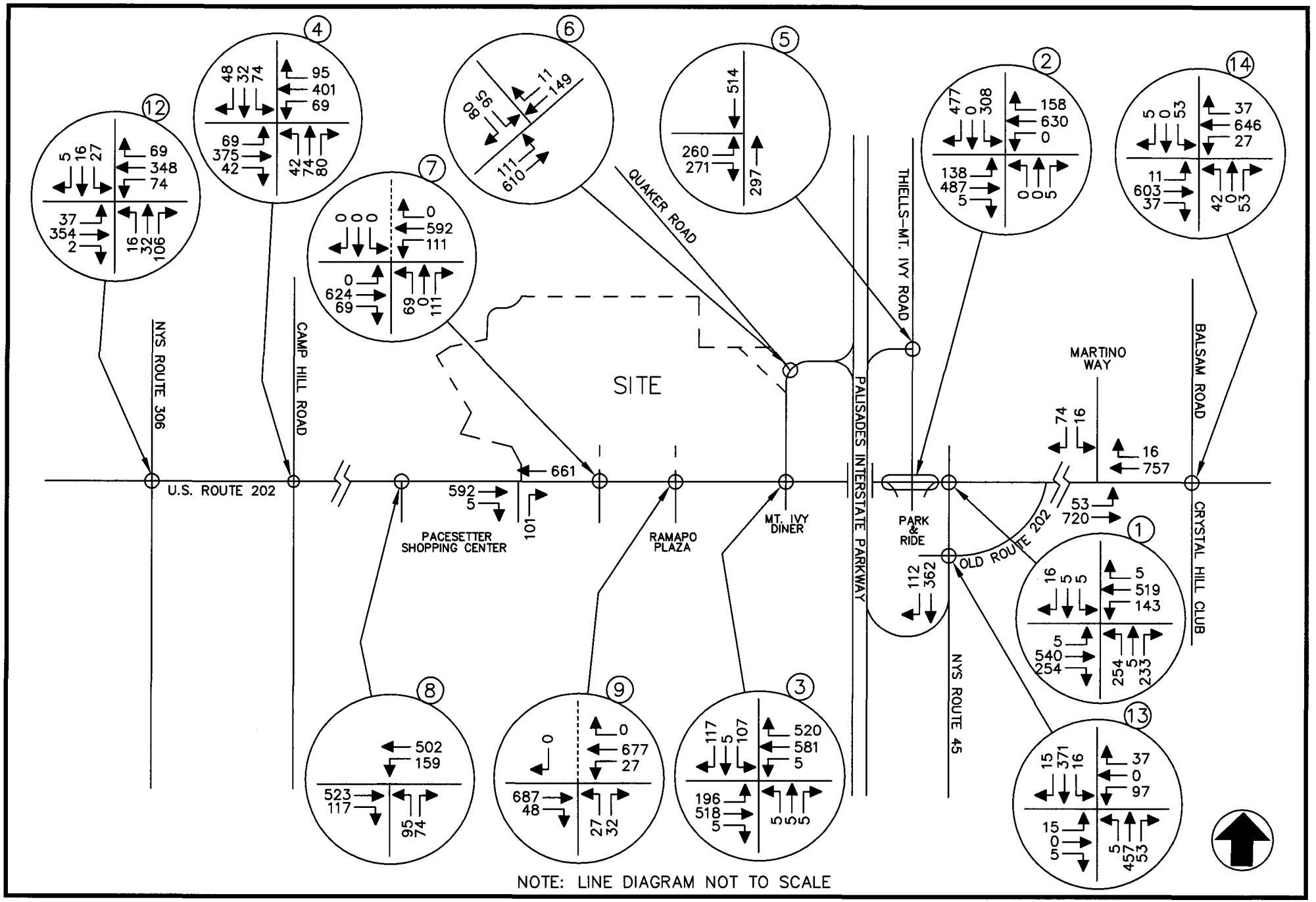
MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR

(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 12



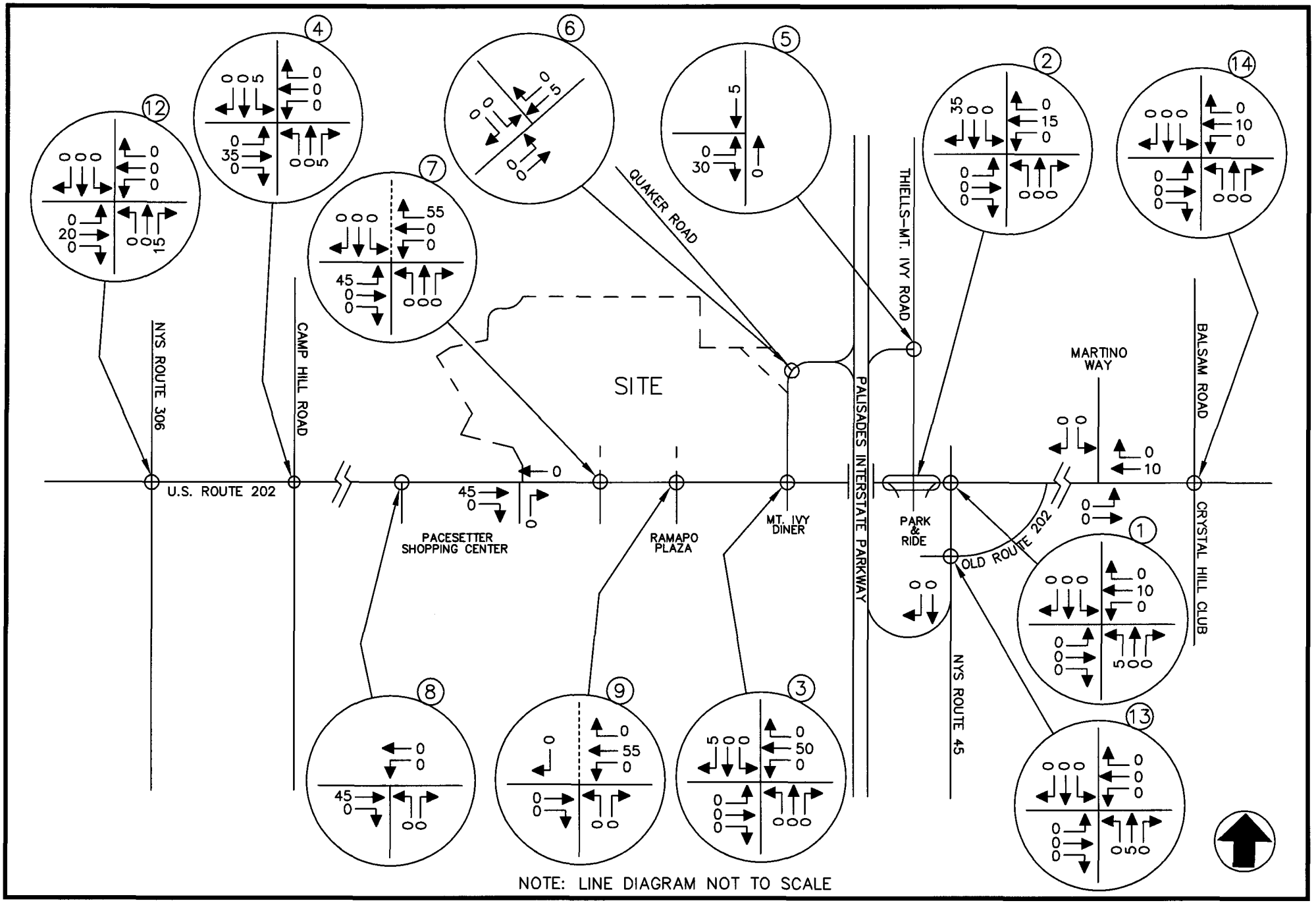
MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR

(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 13

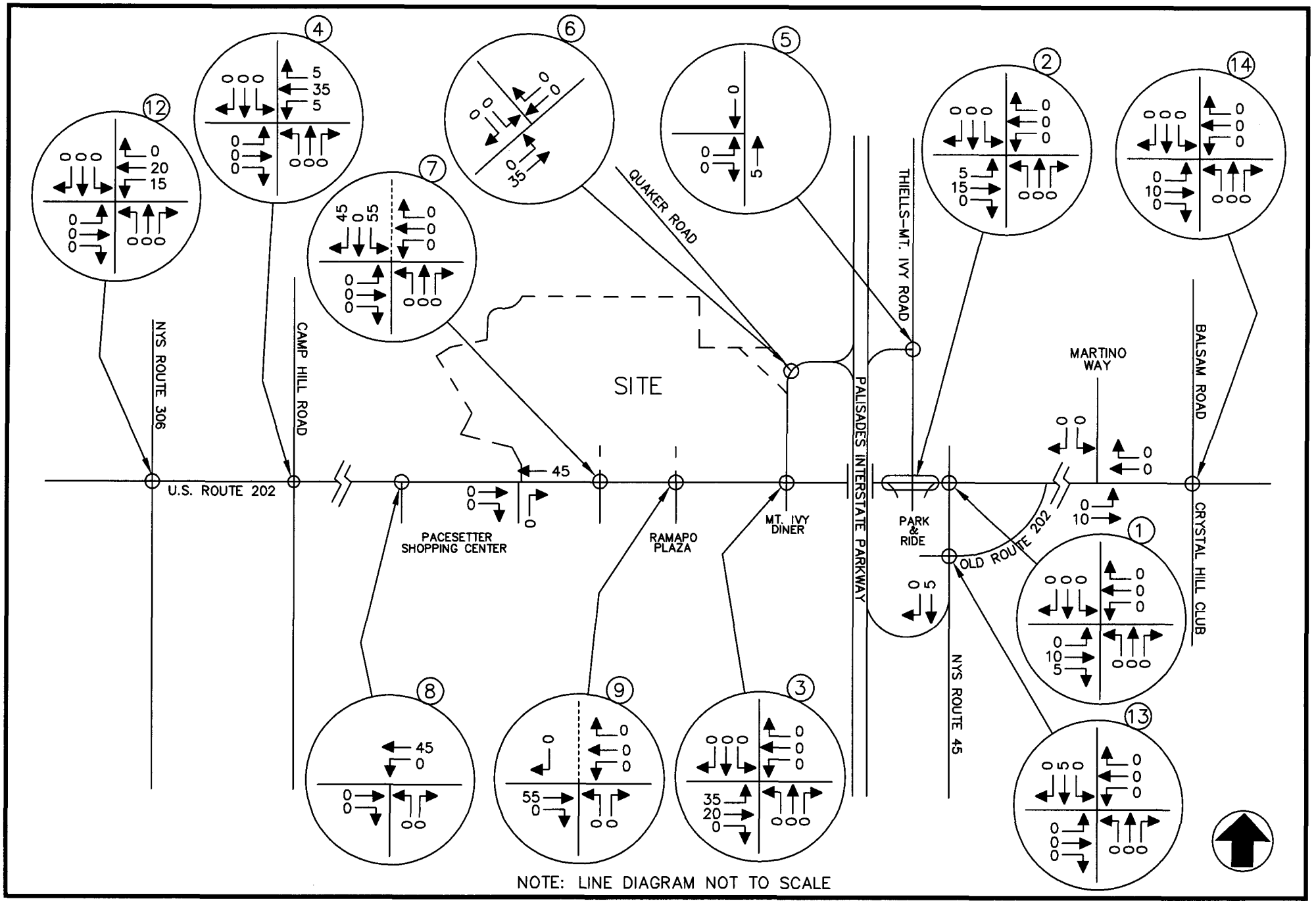


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

ARRIVAL DISTRIBUTION
(ALL VALUES EXPRESSED AS A %)
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 14

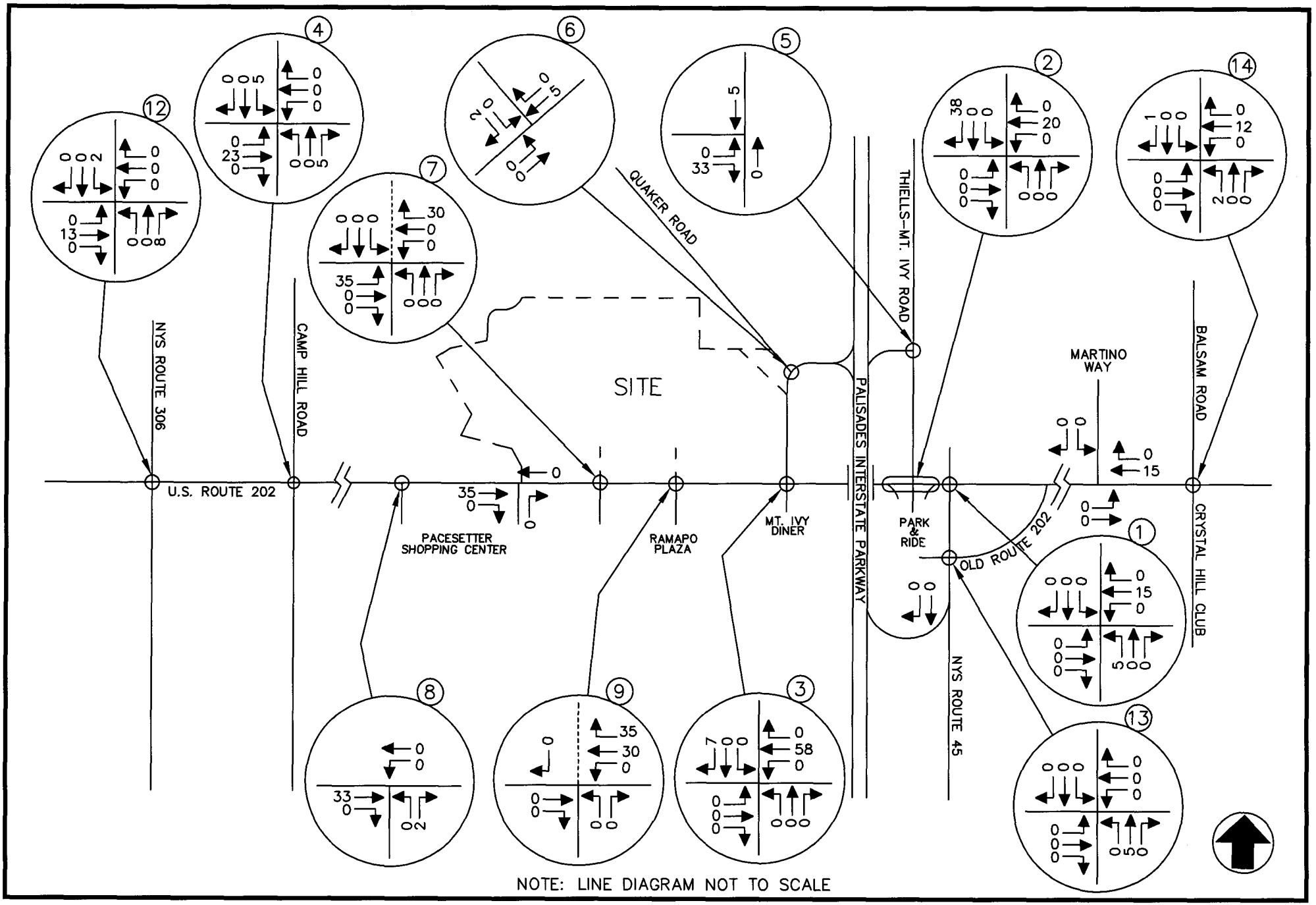


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

DEPARTURE DISTRIBUTION
(ALL VALUES EXPRESSED AS A %)
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 15

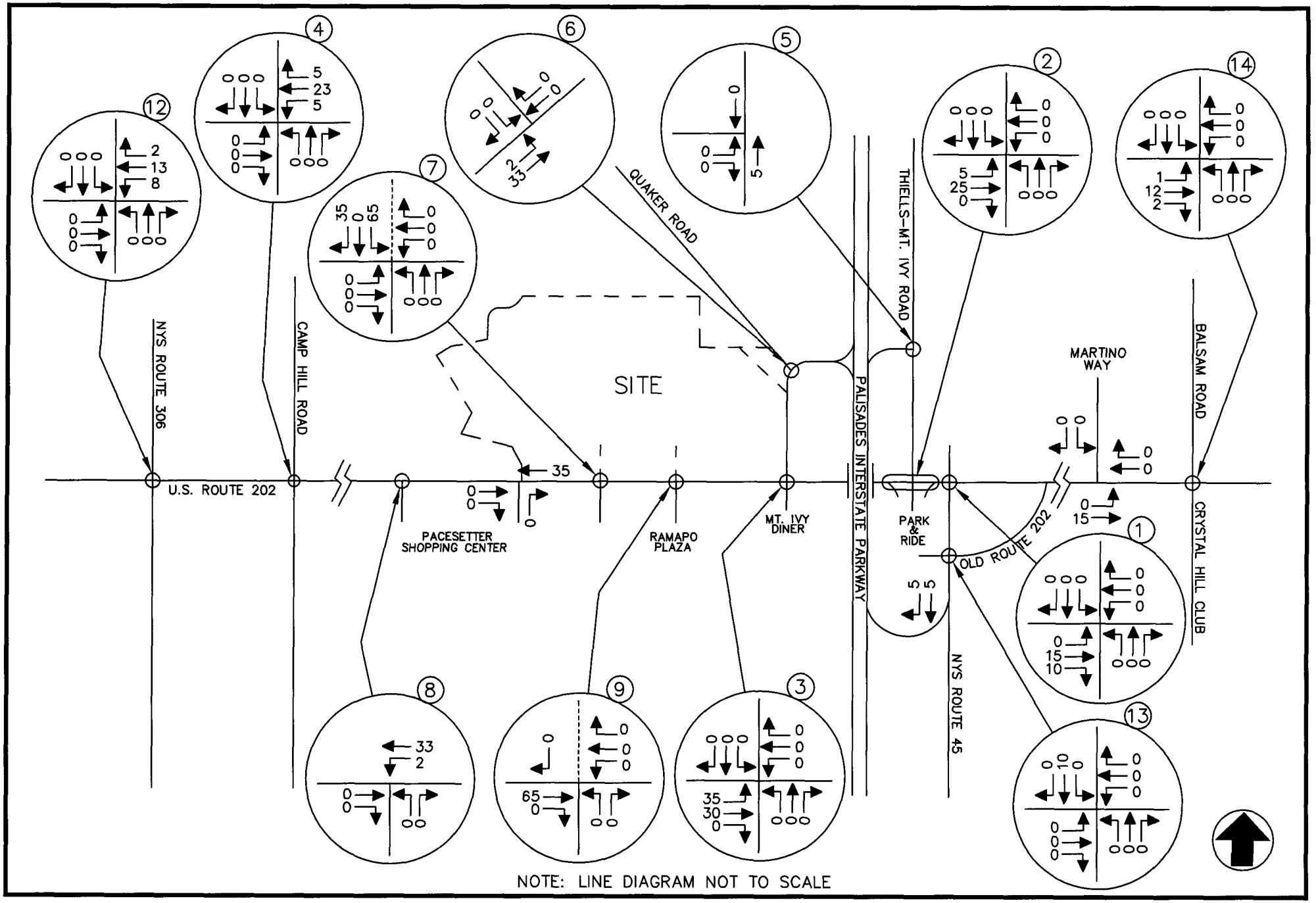


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

ARRIVAL DISTRIBUTION
(ALL VALUES EXPRESSED AS A %)
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 16

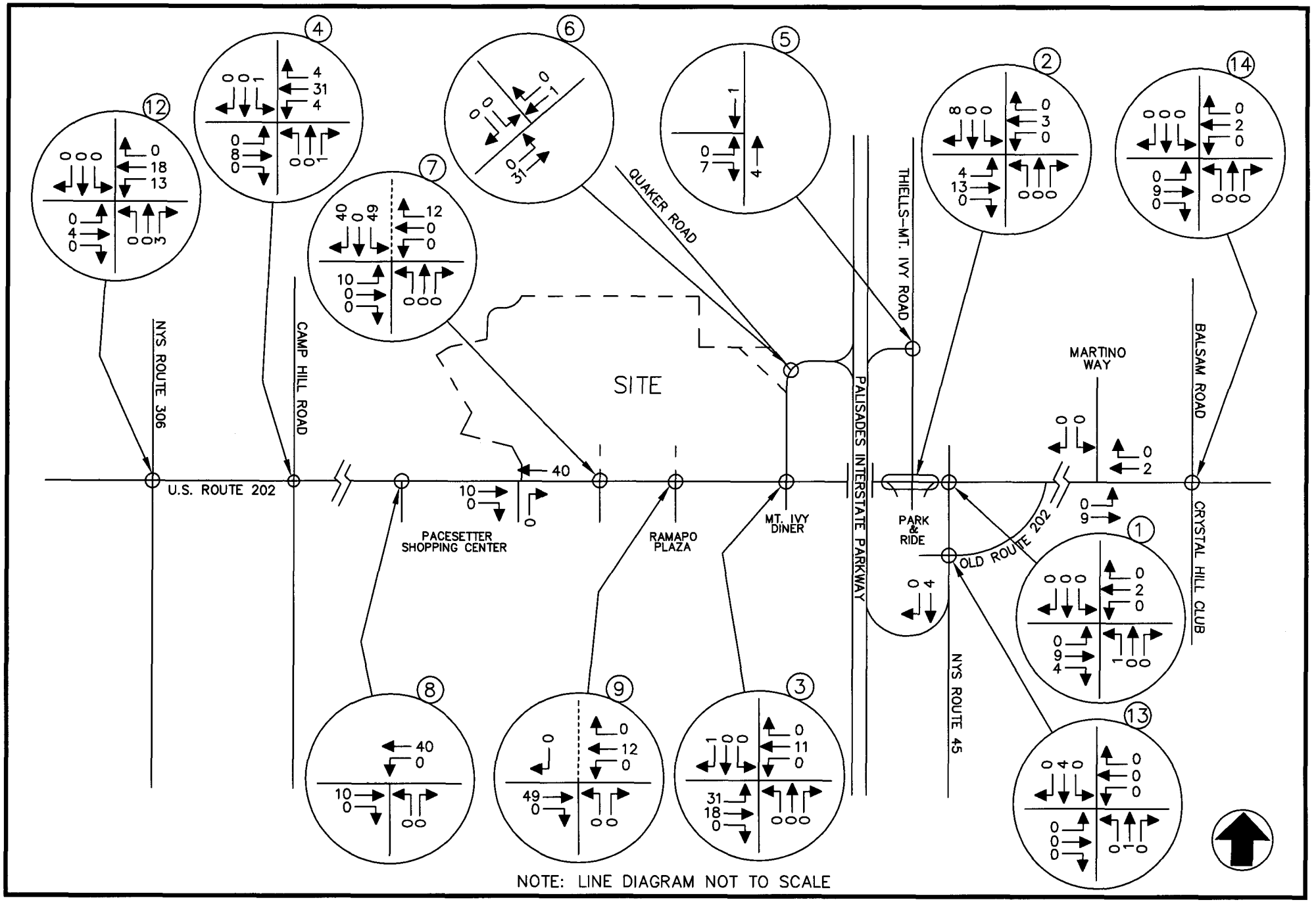


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

DEPARTURE DISTRIBUTION
(ALL VALUES EXPRESSED AS A %)
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 17

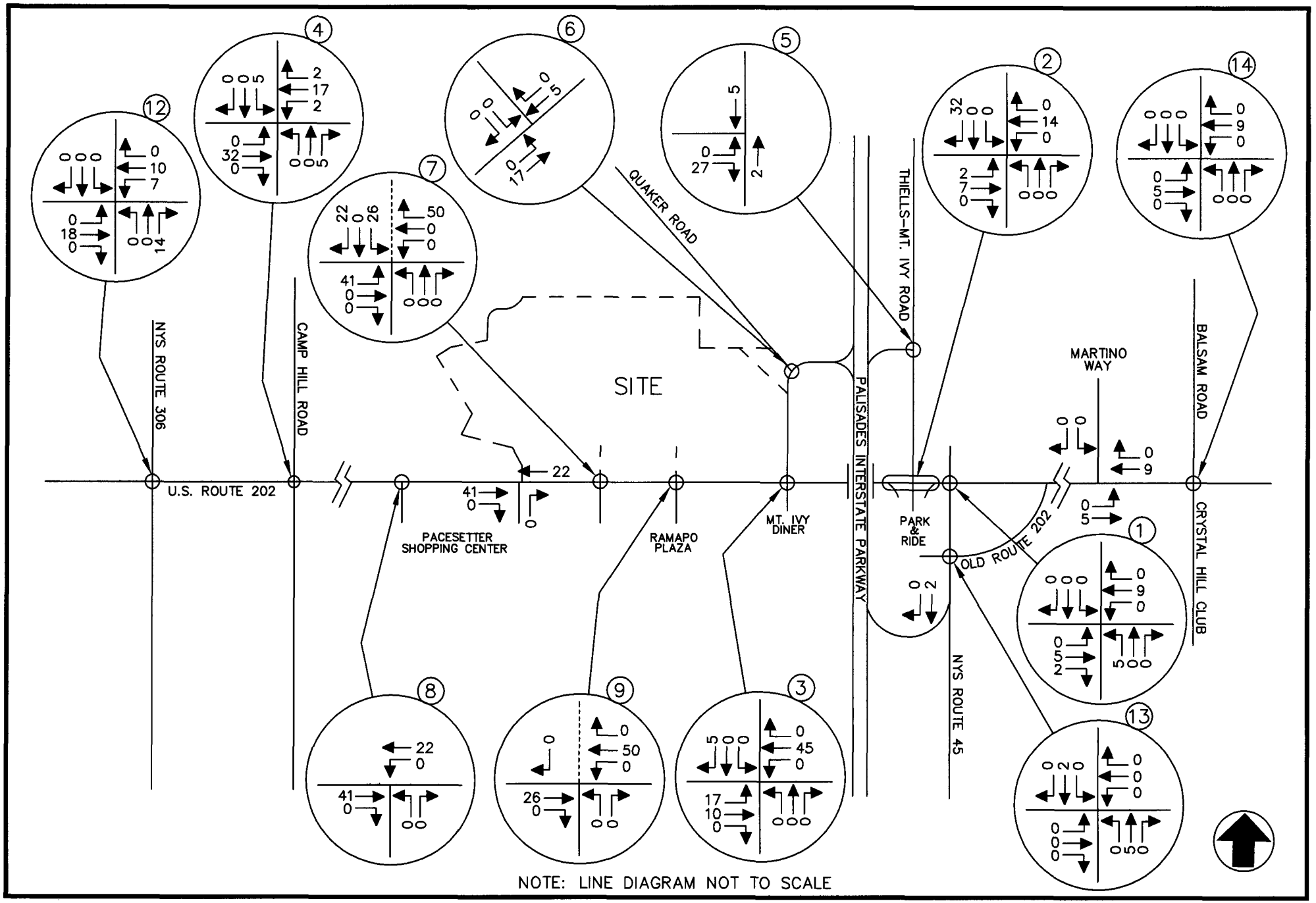


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 18

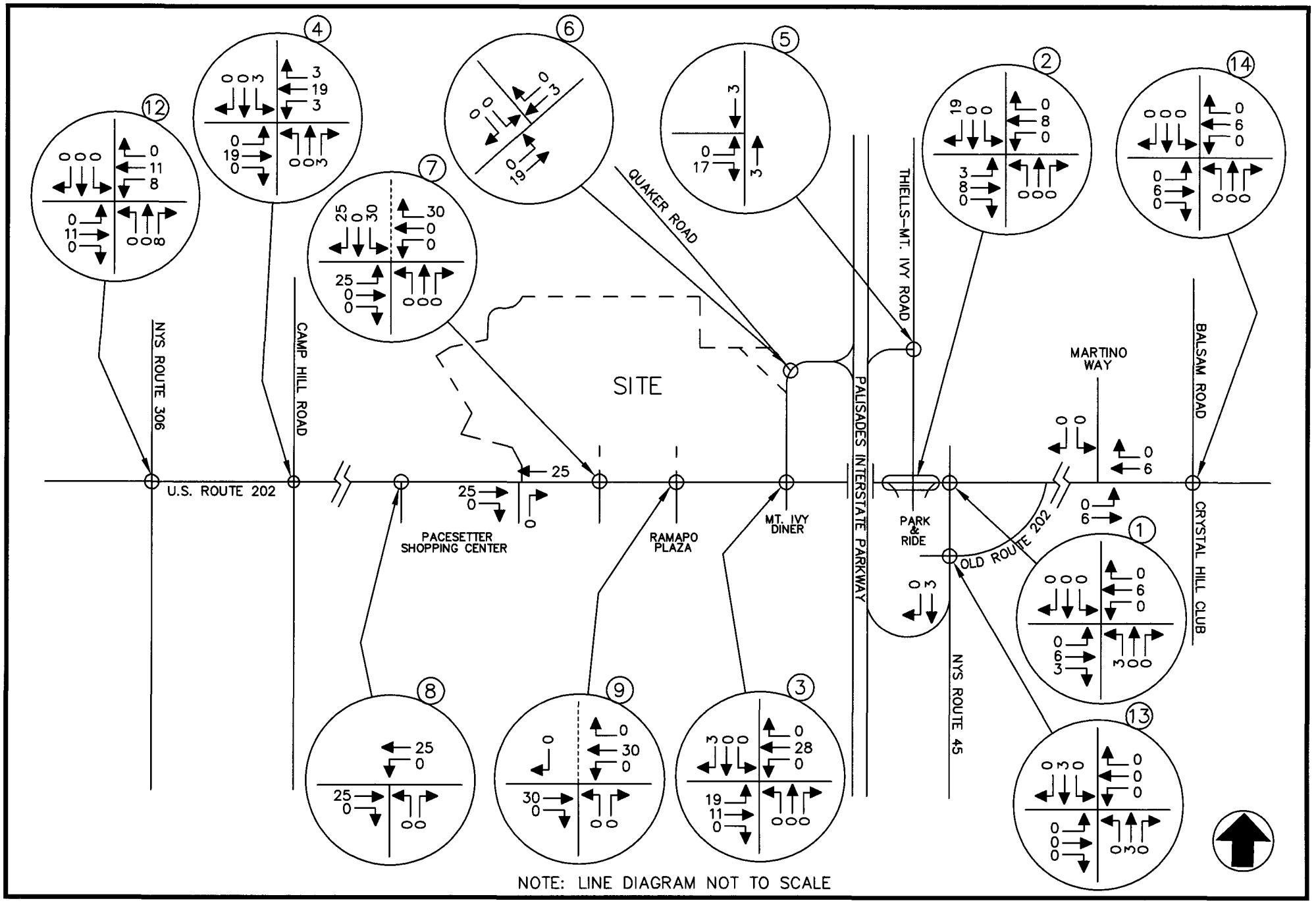


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 19

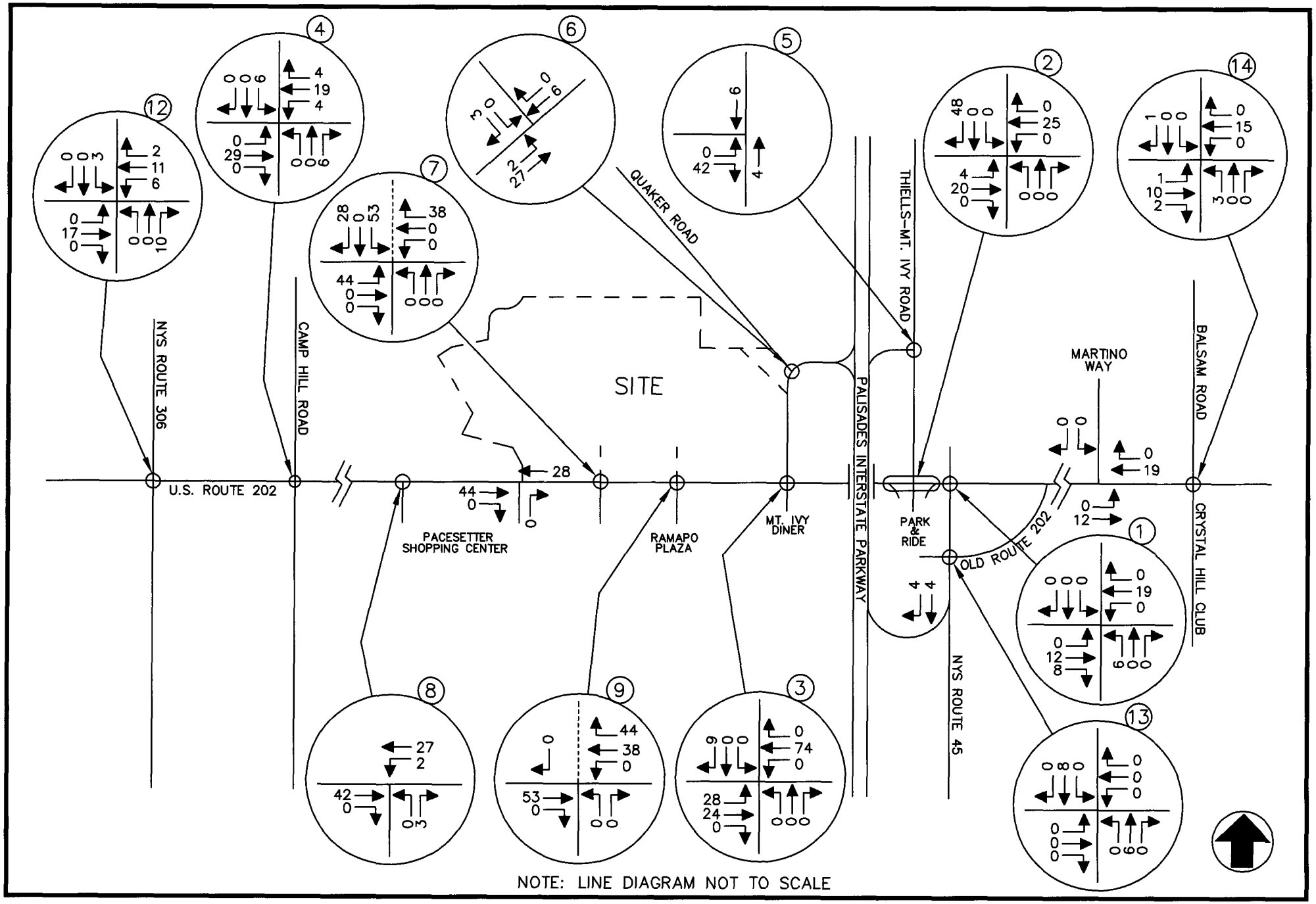


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(RESIDENTIAL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 20

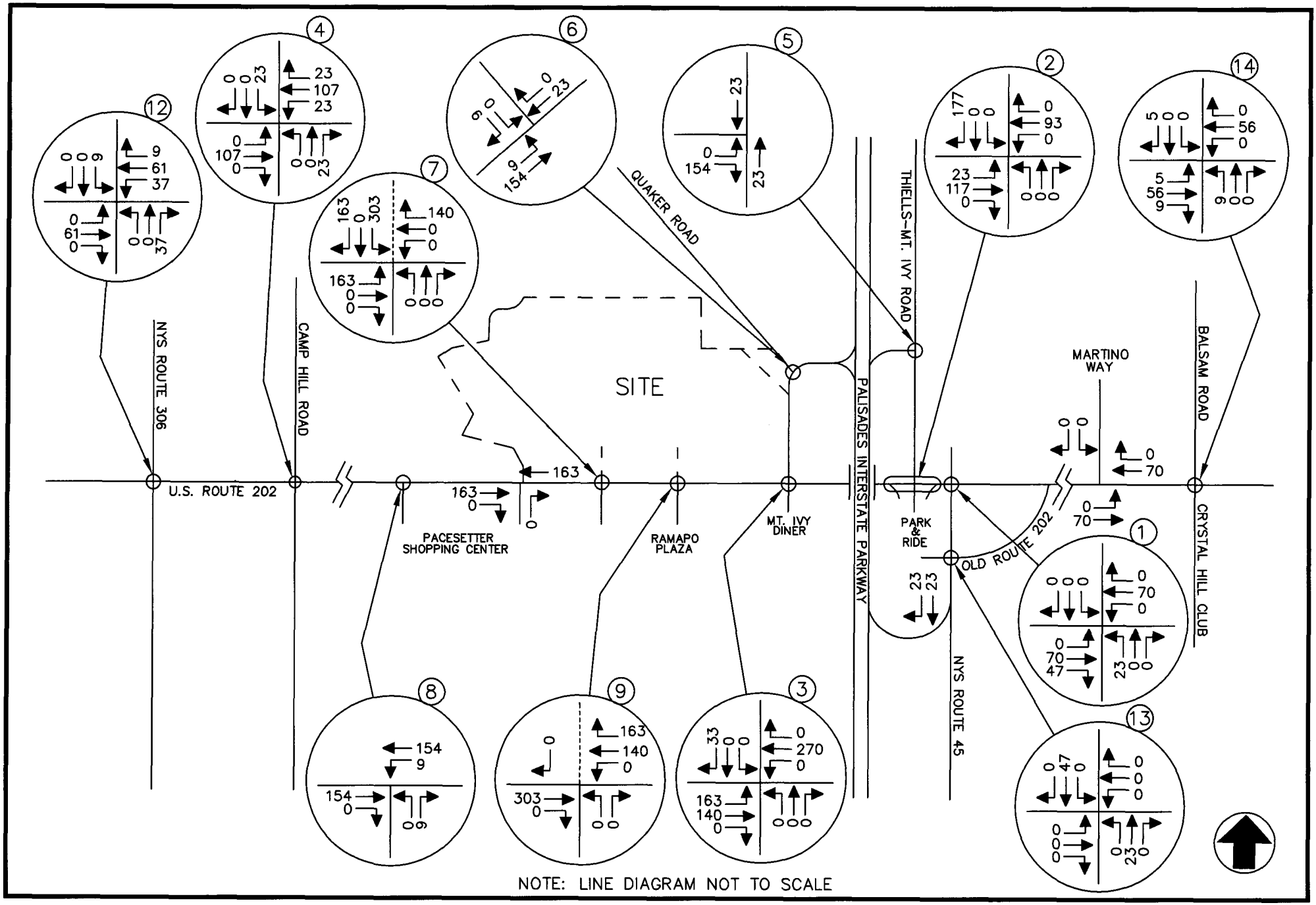


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 21

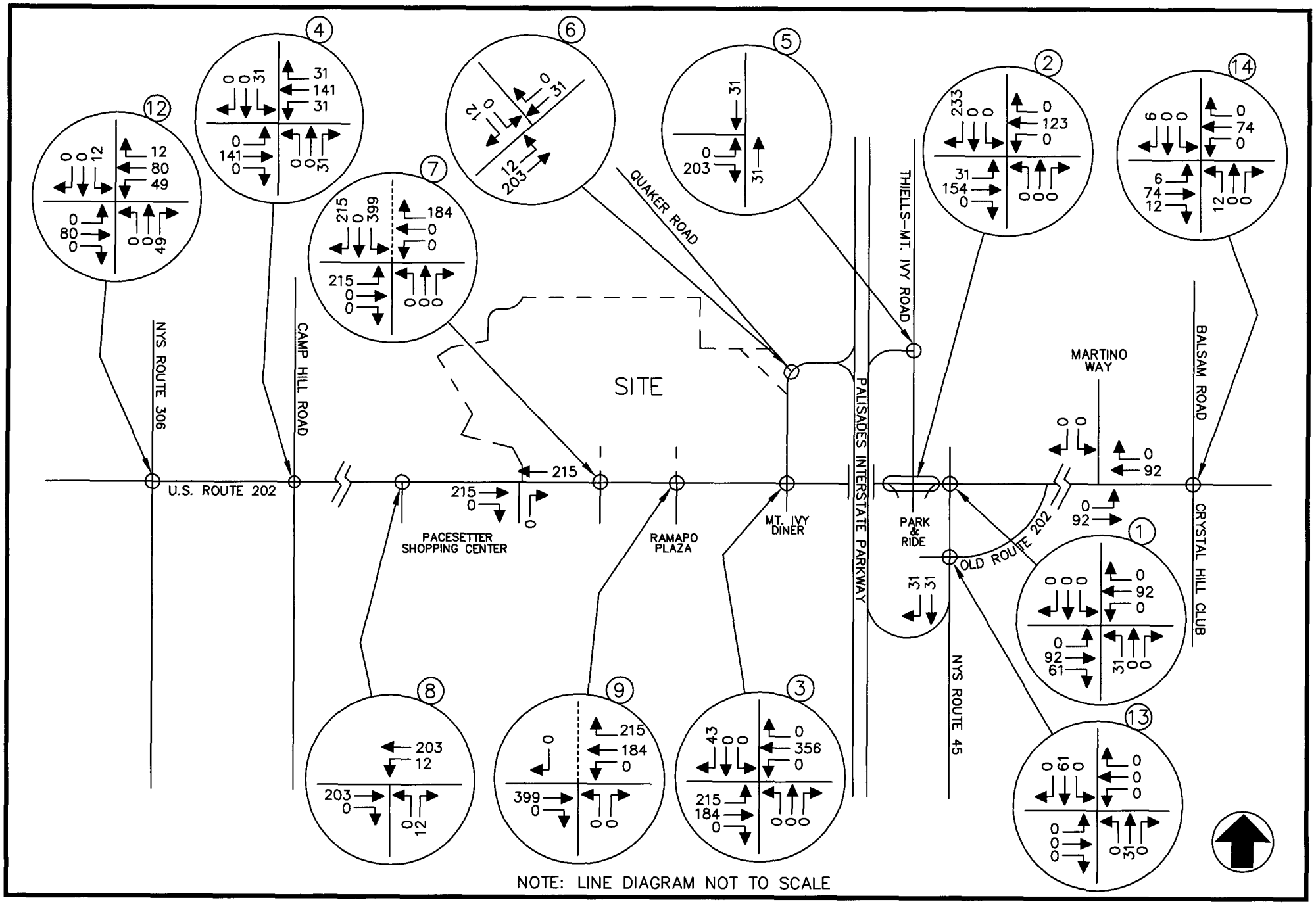


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 22

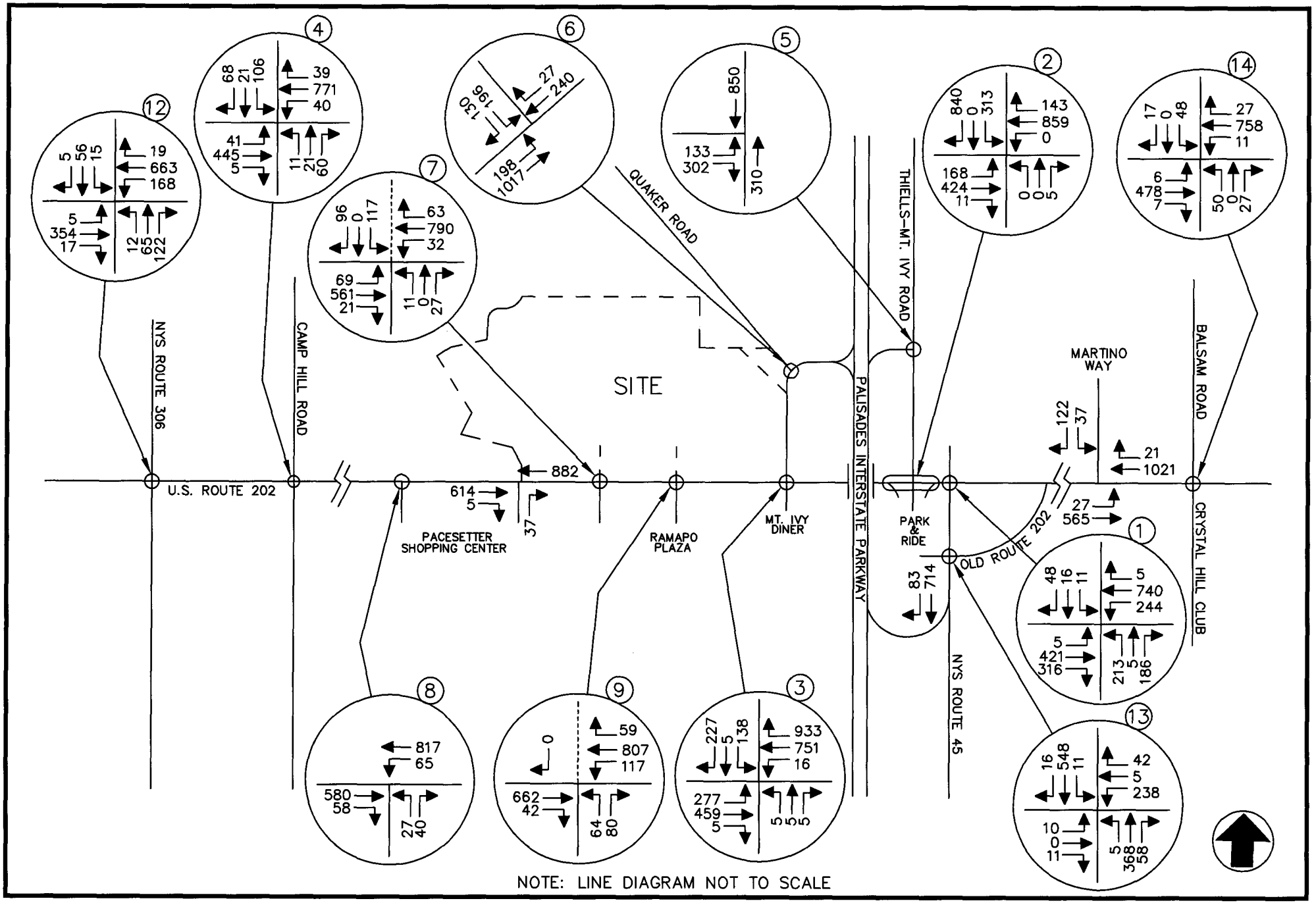


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

SITE GENERATED TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(RETAIL)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 23

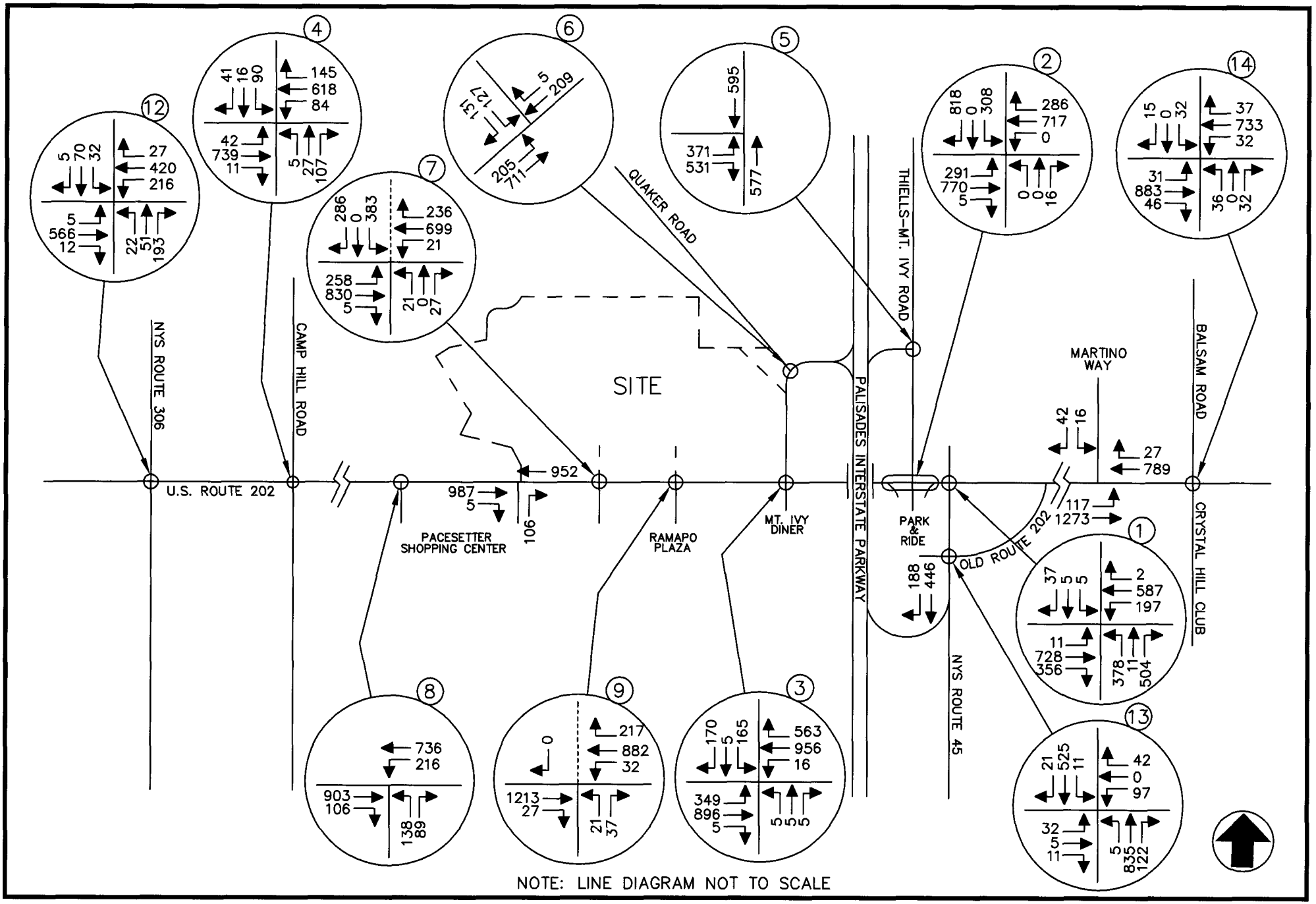


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 24

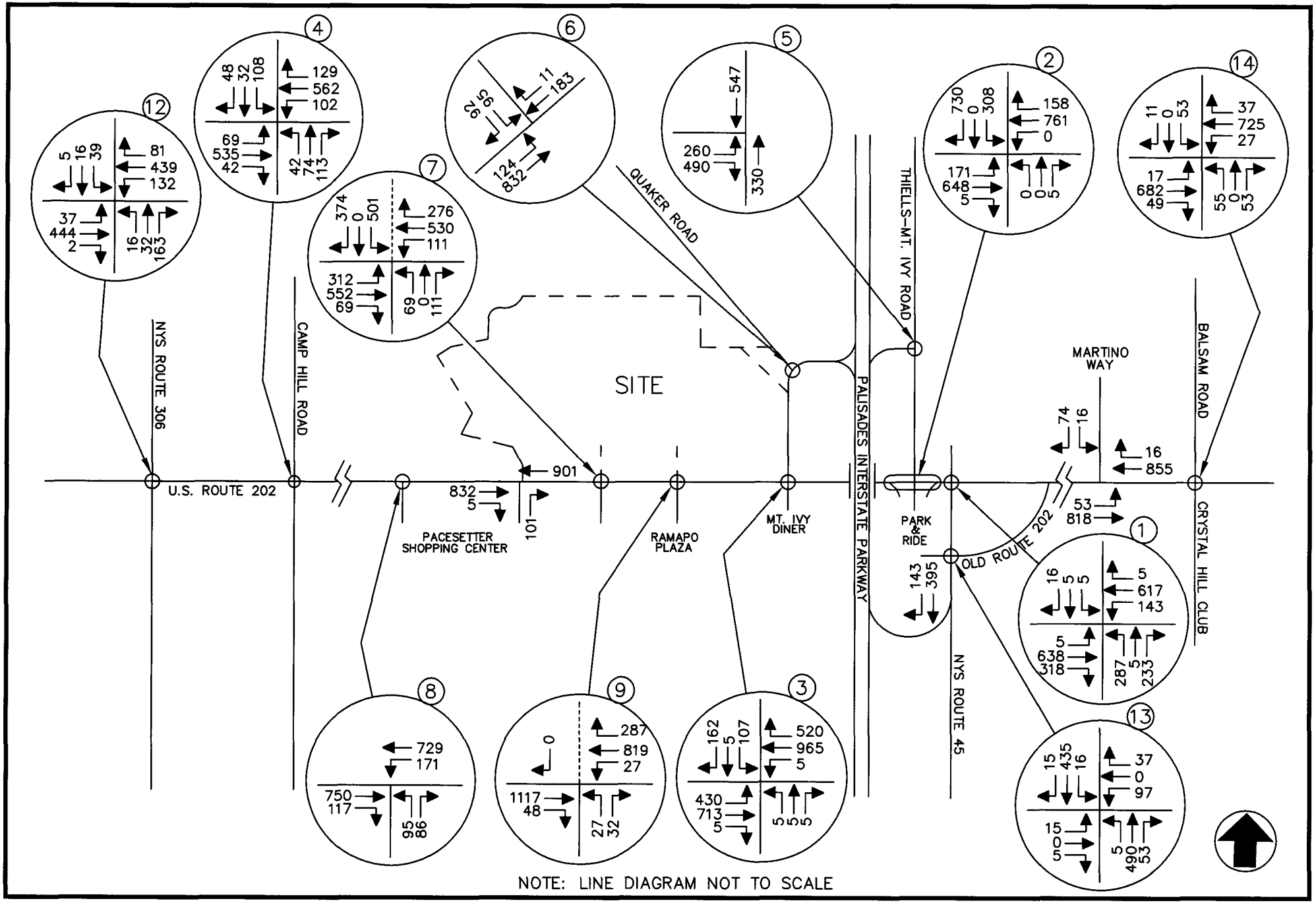


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 25



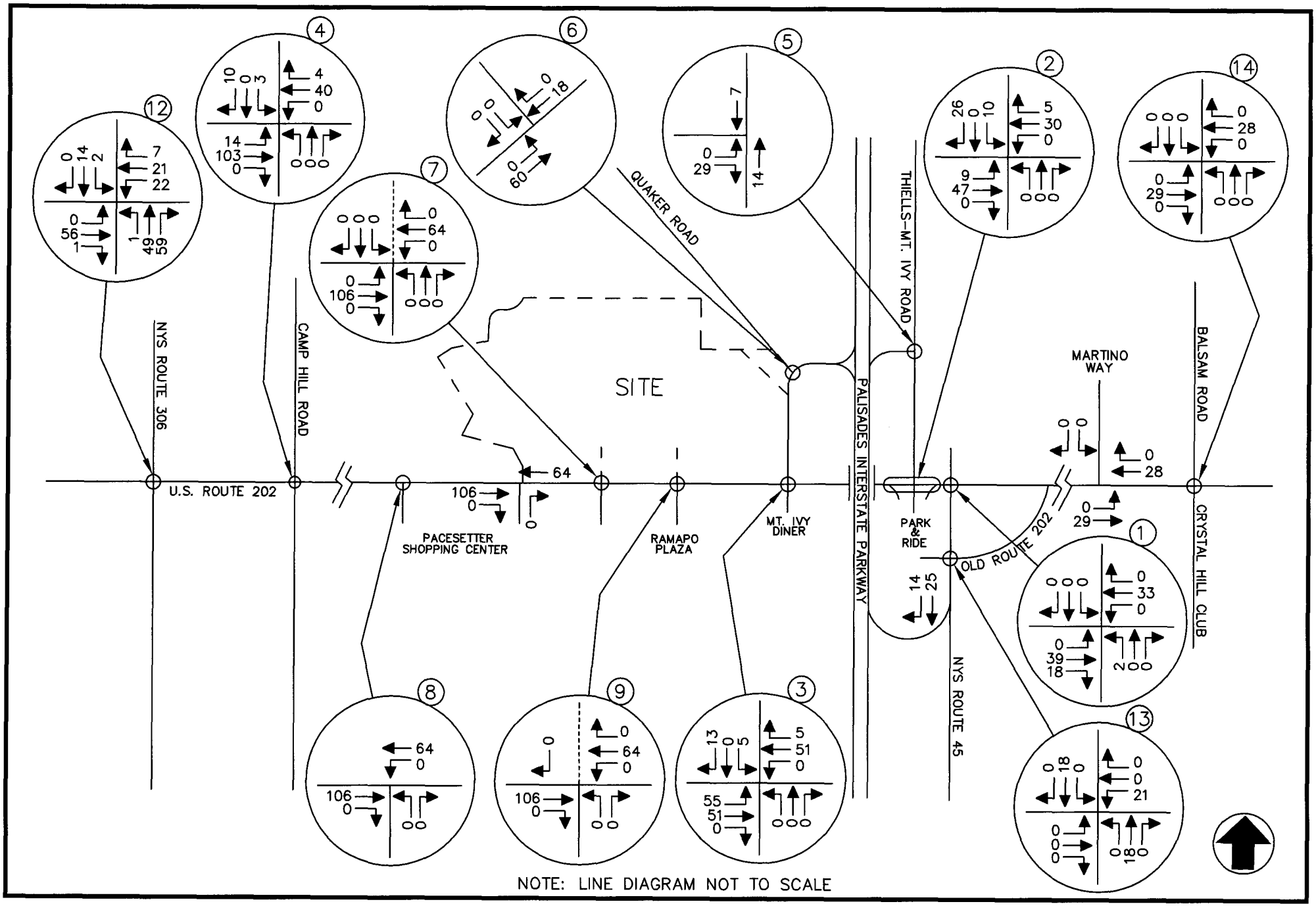
MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(W/O PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 26

WITH PATRICK FARM

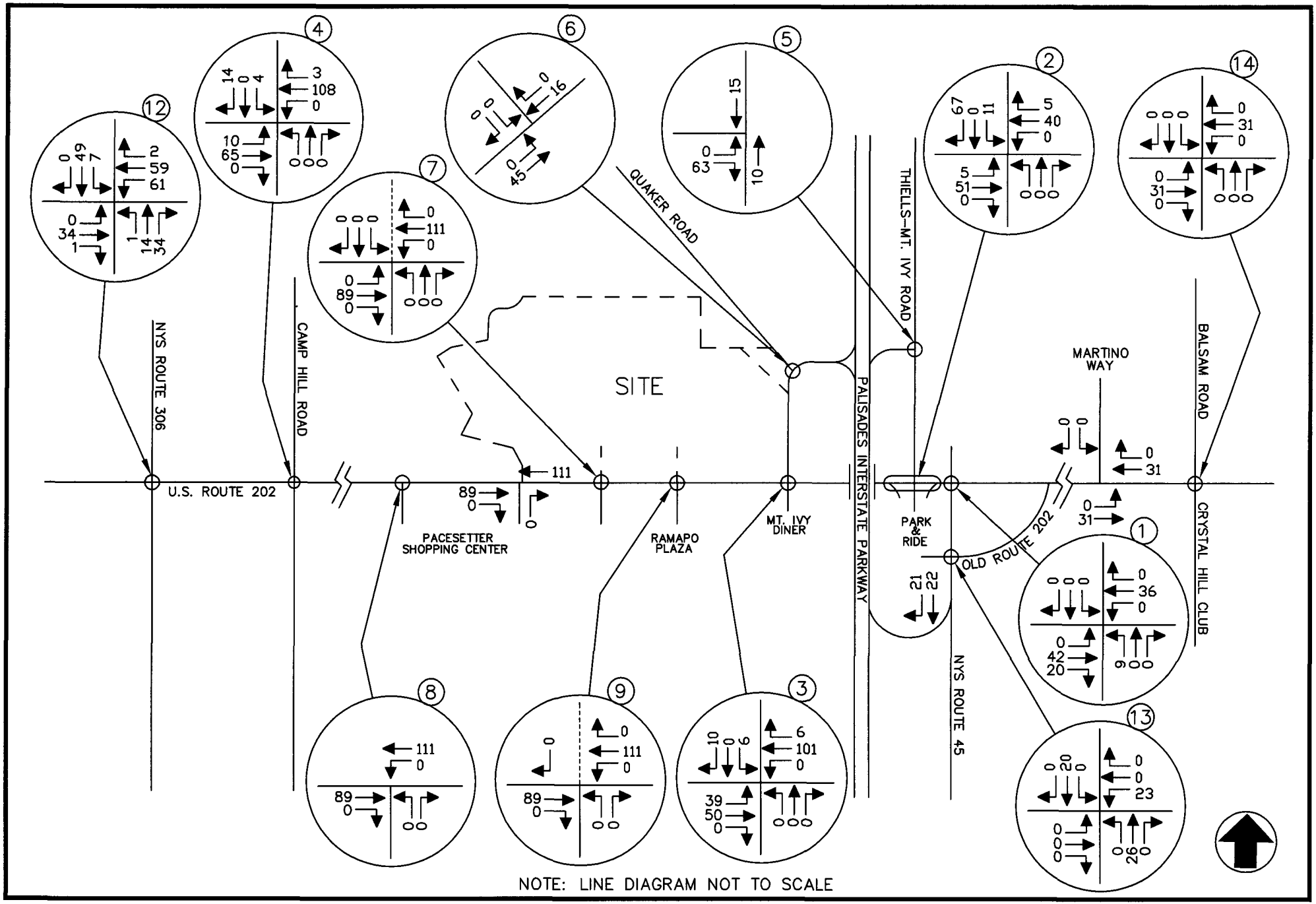


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 27

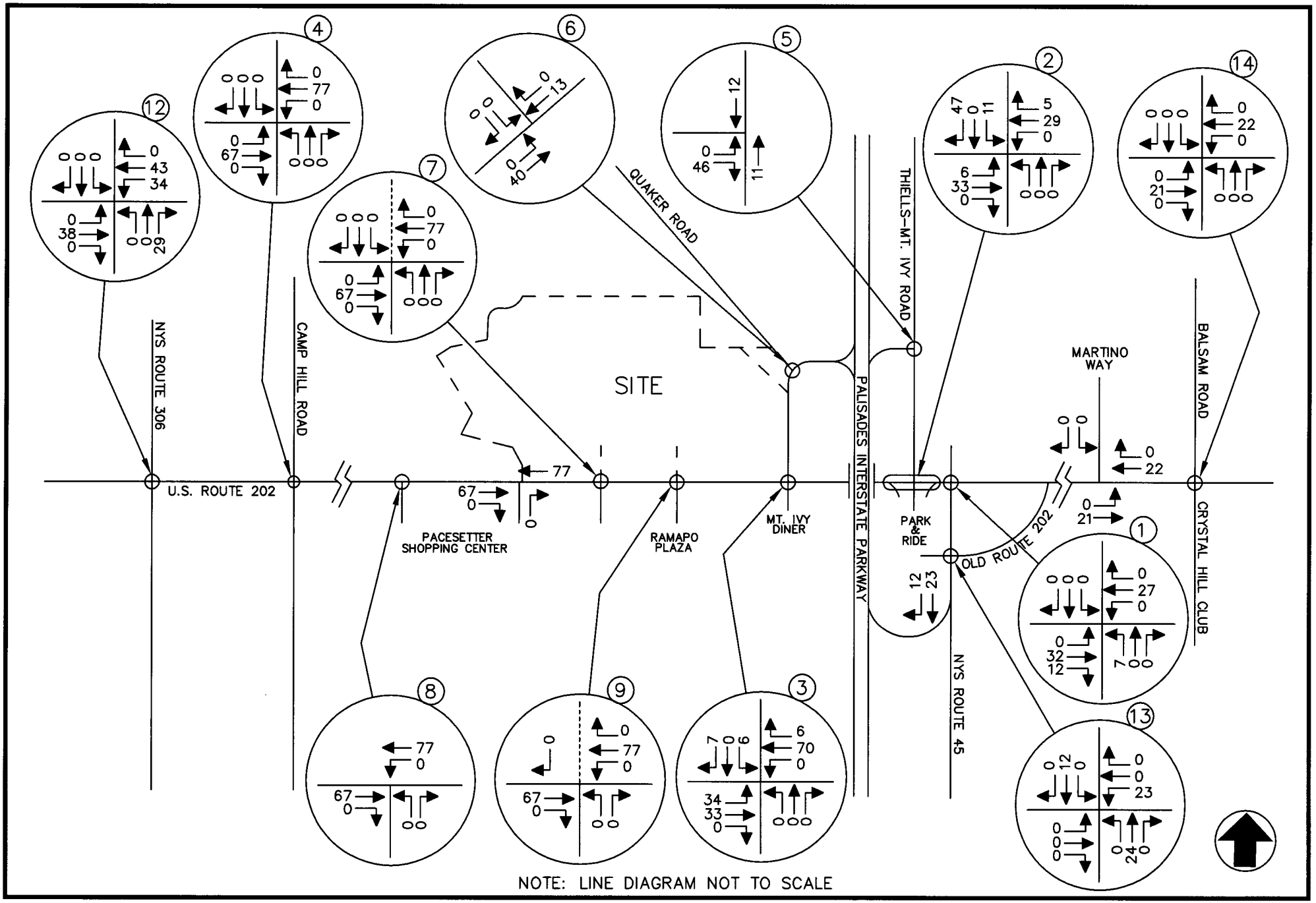


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 28

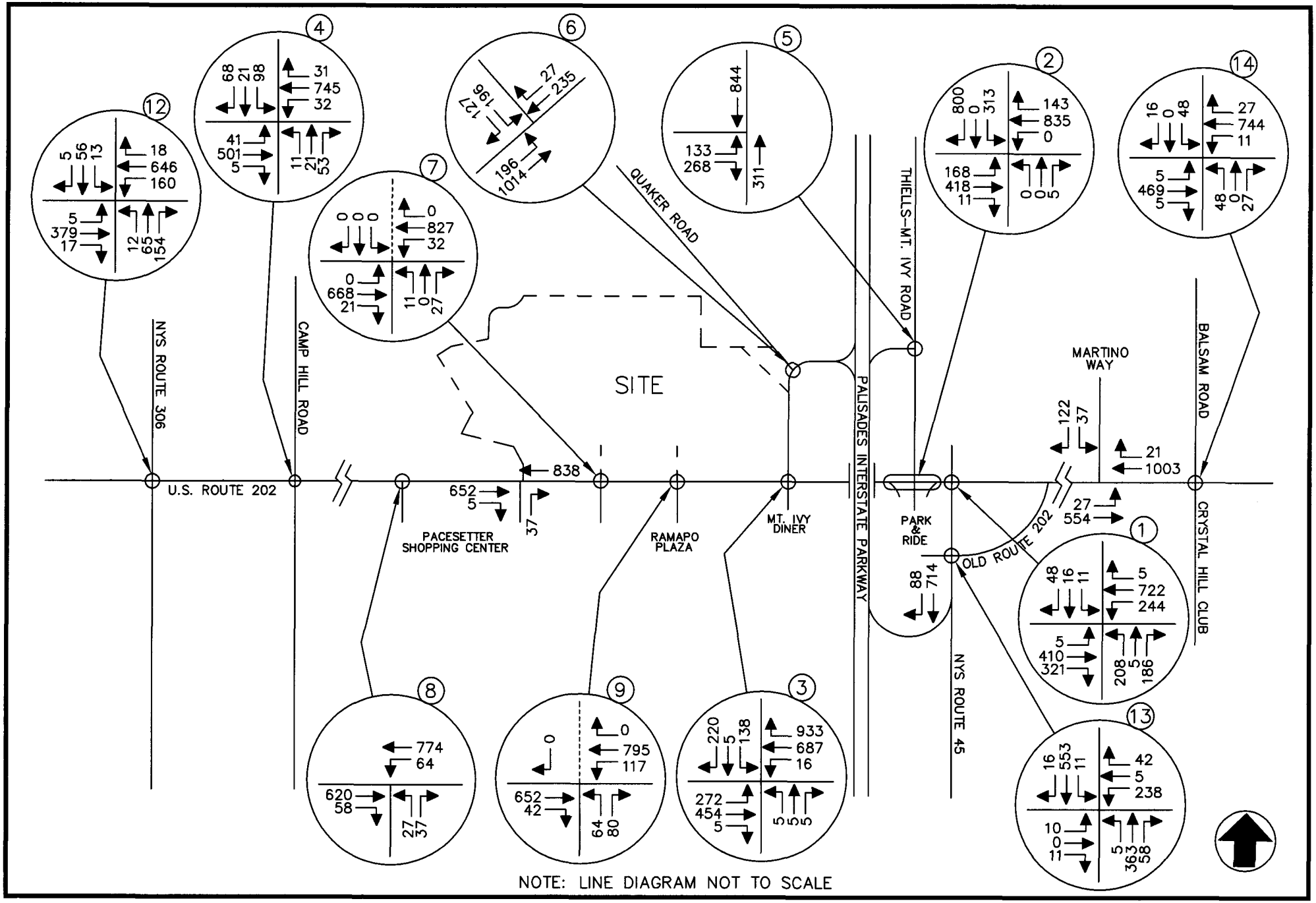


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

OTHER DEVELOPMENT TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 29

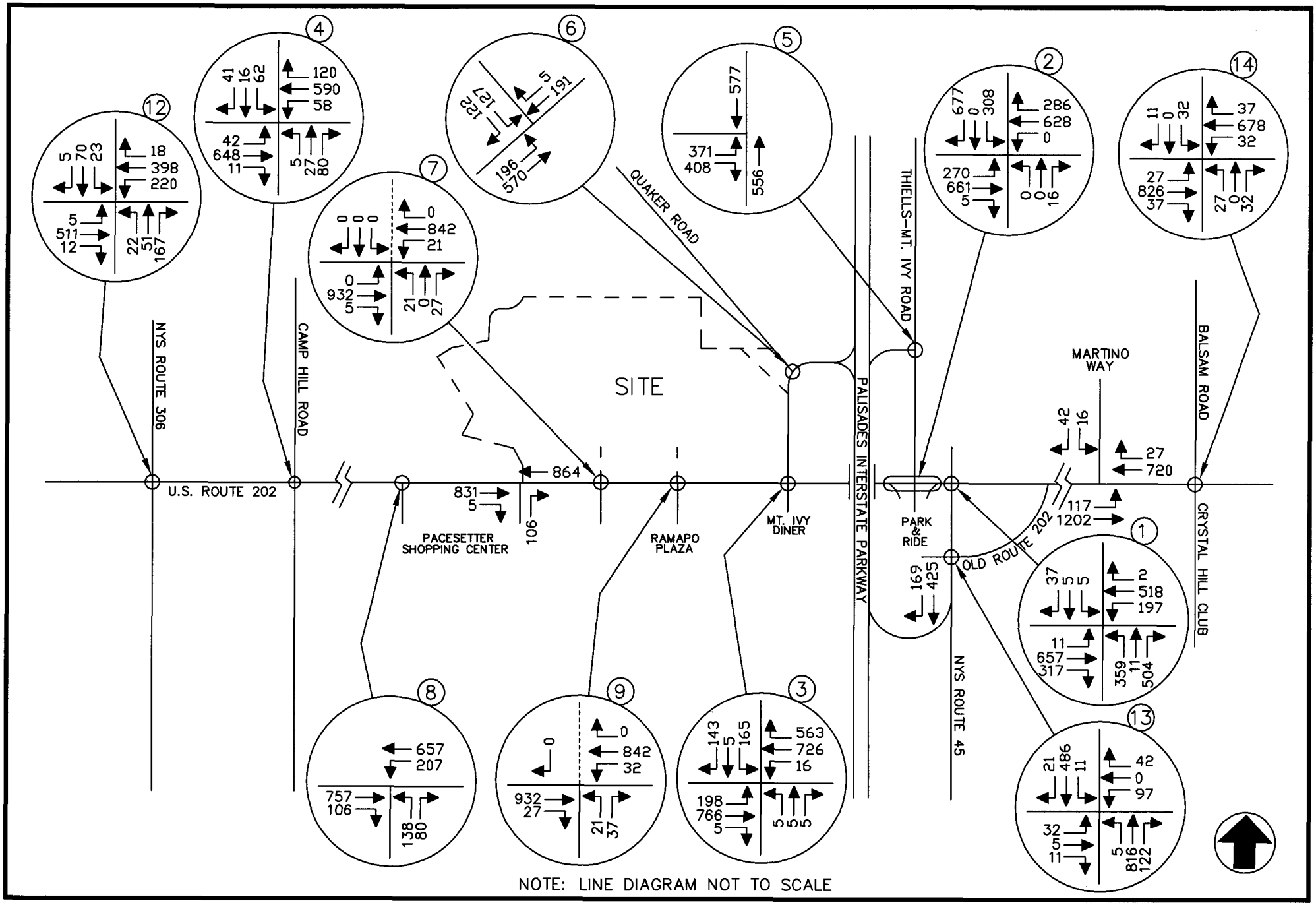


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 30

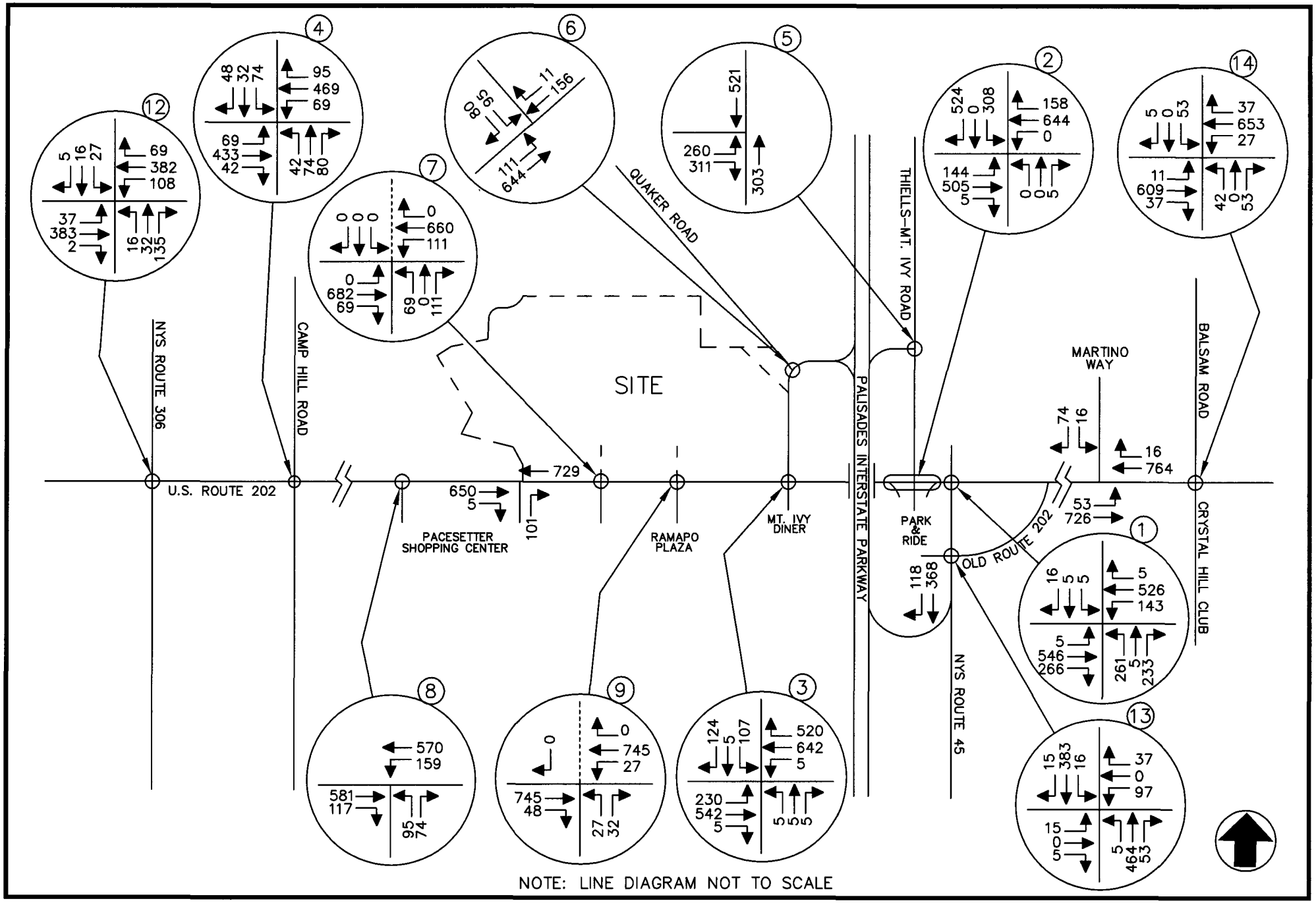


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 31

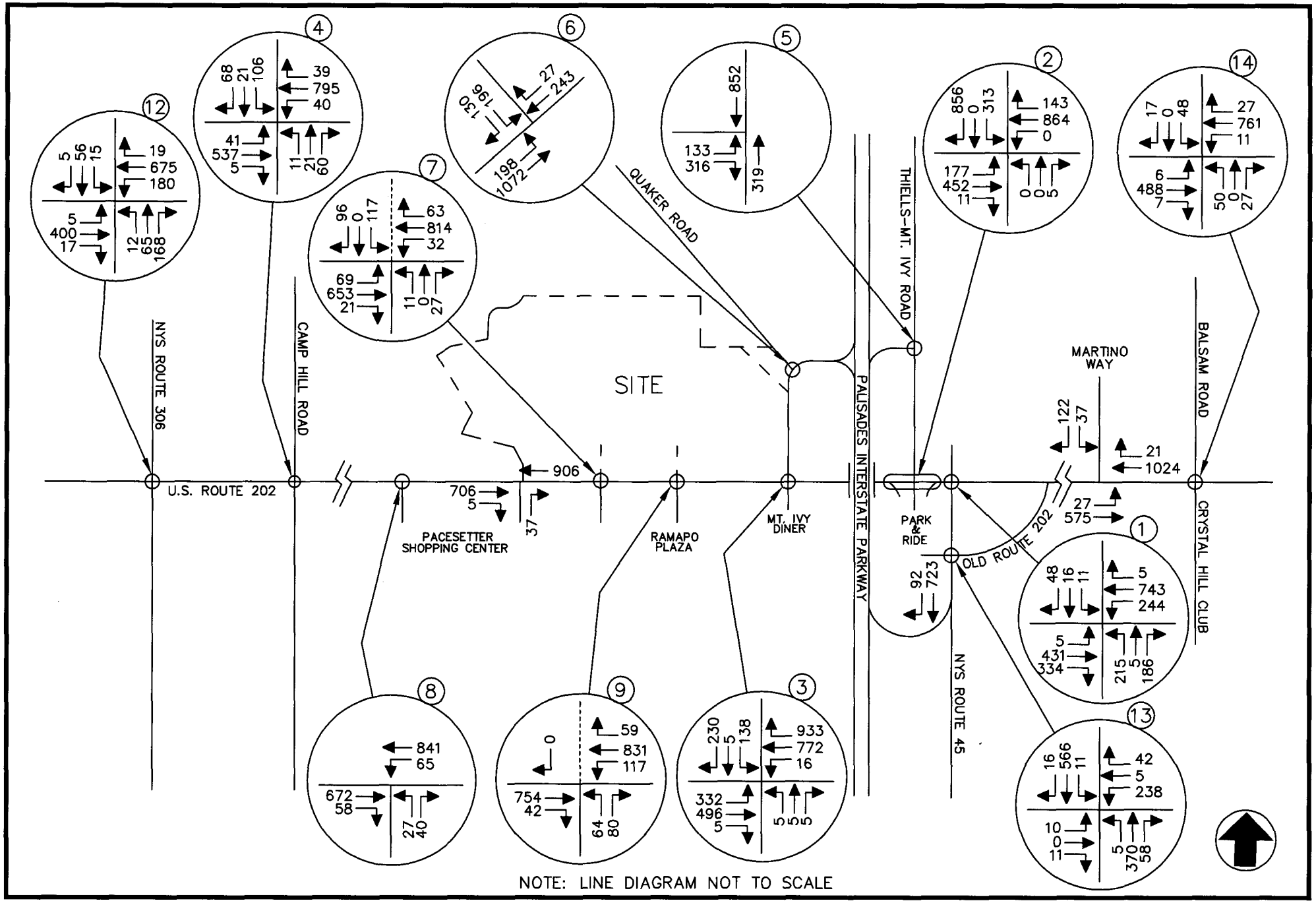


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 NO-BUILD TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 32

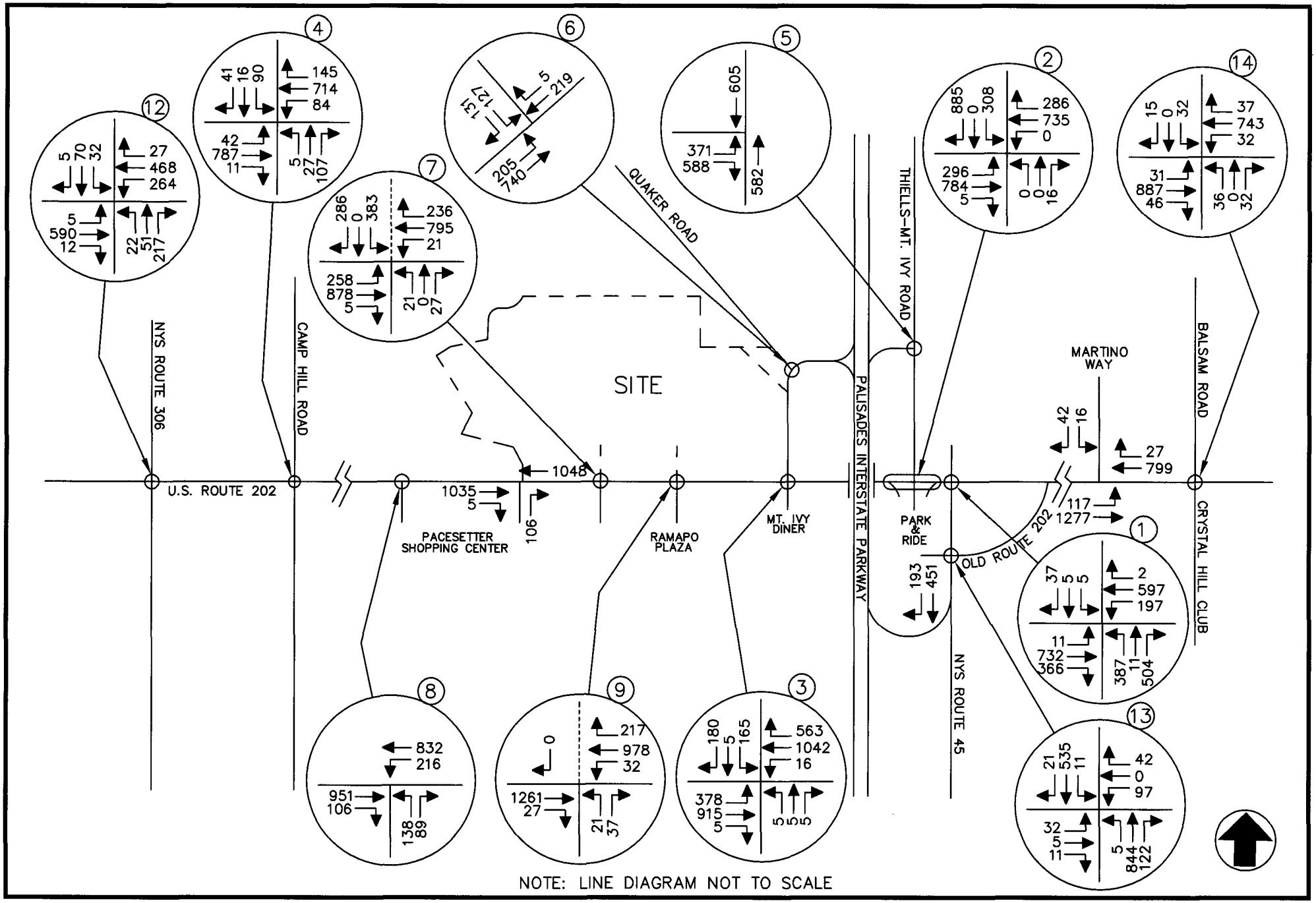


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKDAY PEAK AM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 33

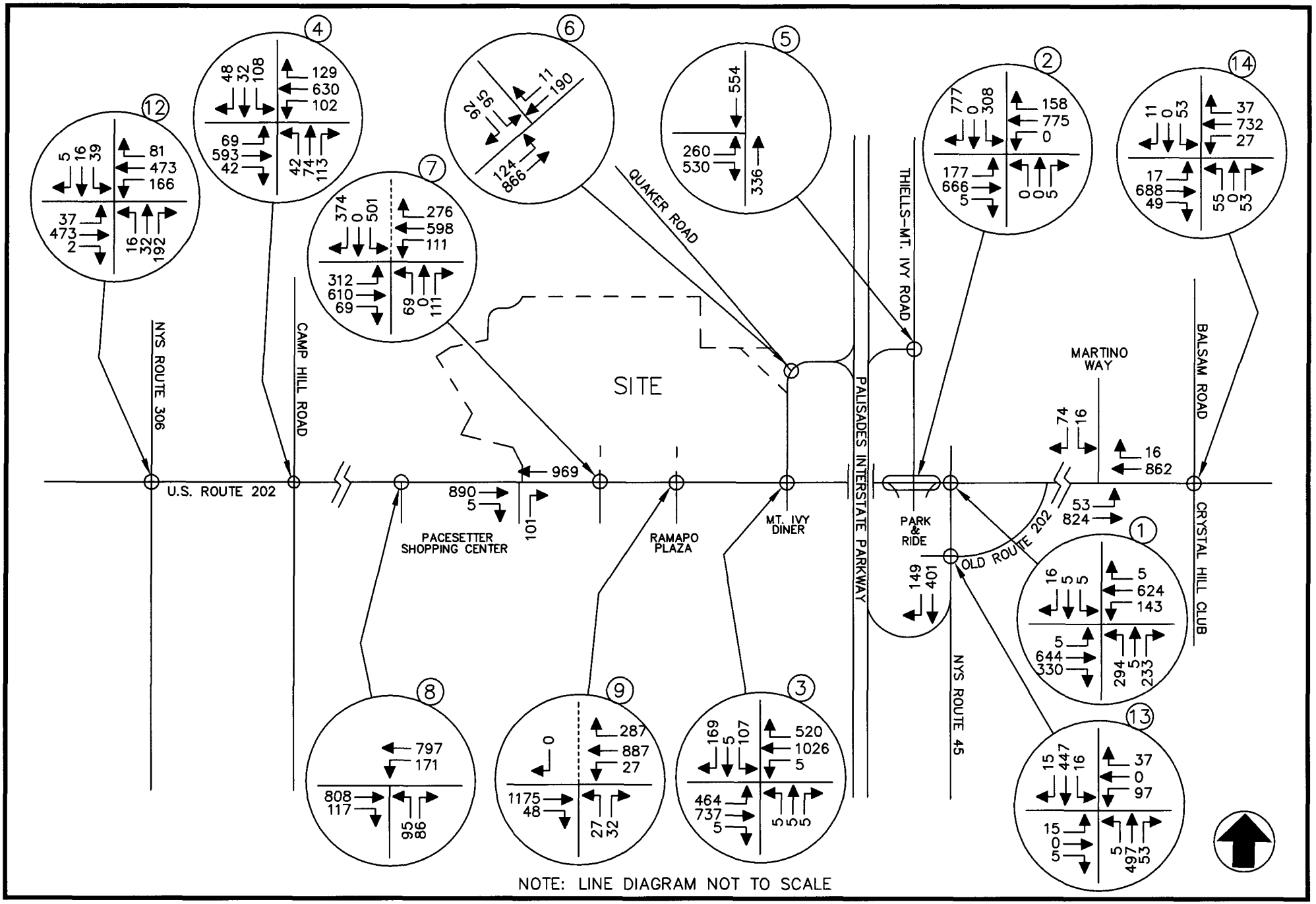


MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKDAY PEAK PM HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 34



MINISCEONGO PARK
TOWN OF HAVERSTRAW/TOWN OF RAMAPO, NEW YORK

2011 BUILD TRAFFIC VOLUMES
WEEKEND PEAK SATURDAY HIGHWAY HOUR
(WITH PATRICK FARM)

JOHN COLLINS ENGINEERS, P.C.
HAWTHORNE, NEW YORK

PROJECT NO. 1540 DATE: MARCH 2009 FIG. NO. 35

APPENDIX "B"

TABLES

TABLE 1

HOURLY TRIP GENERATION RATES (HTGR) AND ANTICIPATED SITE GENERATED TRAFFIC VOLUMES

MINISCEONGO PARK TOWN OF HAVERSTRAW & RAMAPO,NY	ENTRY			EXIT		
	HTGR*	VOLUME	NEW TRIPS	HTGR*	VOLUME	NEW TRIPS
APARTMENT (219 UNITS)						
PEAK AM HOUR	0.10	22	22	0.41	89	89
PEAK PM HOUR	0.41	90	90	0.22	48	48
PEAK SATURDAY HOUR	0.25	55	55	0.25	55	55
SHOPPING CENTER (270,850 S.F.)						
PEAK AM HOUR	0.62	169	127	0.40	108	81
PEAK PM HOUR	2.23	621	466	2.23	621	466
PEAK SATURDAY HOUR	3.05	819	614	3.05	819	614
TOTALS						
PEAK AM HOUR	-	-	149	-	-	170
PEAK PM HOUR	-	-	556	-	-	514
PEAK SATURDAY HOUR	-	-	669	-	-	669

NOTES:

1) TRIP GENERATION RATES FOR LAND USE 220 - APARTMENT AND 820 - SHOPPING CENTER BASED ON THE INSTITUTE OF TRANSPORTATION ENGINEERS (ITE) PUBLICATION ENTITLED "TRIP GENERATION", 8TH EDITION, JANUARY 2008.

2) "NEW" TRIPS REFLECTS A 25% PASS-BY AND DIVERTED LINK TRIP CREDIT FOR THE COMMERCIAL USES.

TABLE NO. 2

LEVEL OF SERVICE SUMMARY TABLE

		2008 EXISTING			2011 NO-BUILD			2011 BUILD (W/O PATRICK FARM)			2011 BUILD (W/ PATRICK FARM)		
		AM	PM	SAT	AM	PM	SAT	AM	PM	SAT	AM	PM	SAT
1.	U.S. ROUTE 202 & NYS ROUTE 45												
	SIGNALIZED												
	EASTBOUND LEFT	C [25.7]	B [16.8]	B[17.8]	C[30.6]	B [18.6]	B[18.8]	C[32.0]	C[22.0]	C[23.8]	C[32.4]	C[22.5]	C[24.2]
	EASTBOUND THROUGH	B [19.4]	C[34.1]	C[28.2]	A[9.7]	C[31.4]	C[29.8]	A[9.9]	D[52.7]	D[40.4]	B[10.0]	D[54.5]	D[41.7]
	EASTBOUND RIGHT	B [10.1]	B [12.6]	B[12.3]	B [10.5]	B [12.3]	B[11.3]	B[10.4]	B[12.7]	B[11.8]	B[10.6]	B[12.8]	B[12.0]
	EASTBOUND APPROACH	B [15.4]	C [27.0]	C[23.0]	B[10.2]	C[25.1]	C[23.7]	B[10.3]	D[39.4]	C[30.9]	B[10.4]	D[40.4]	C[31.6]
	WESTBOUND LEFT	B [16.8]	C [28.3]	C[21.6]	B[14.9]	C[31.9]	C[24.2]	B[15.3]	C [33.4]	C[30.6]	B[15.6]	C [33.4]	C[30.8]
	WESTBOUND THROUGH / RIGHT	C [33.4]	C [26.6]	C[27.9]	D [45.2]	C [28.6]	C[28.8]	D[50.0]	C[33.9]	D[37.9]	D[51.1]	C[34.9]	D[39.0]
	WESTBOUND APPROACH	C [29.2]	C [27.1]	C[26.6]	D [37.6]	C [29.5]	C[27.9]	D[41.4]	C[33.7]	D[38.6]	D[42.4]	C[34.5]	D[37.5]
	NORTHBOUND LEFT	D [39.6]	D [44.5]	D[41.0]	D[40.1]	D [47.0]	D[41.0]	D [40.3]	D[49.3]	D[42.8]	D [40.4]	D[50.7]	D[43.4]
	NORTHBOUND LEFT / THROUGH	D [39.0]	D [44.1]	D[39.8]	D [39.4]	D [45.9]	D[39.4]	D [39.5]	D[47.9]	D[40.0]	D [39.5]	D[48.9]	D[40.3]
	NORTHBOUND RIGHT	C [28.4]	D [48.9]	C[25.4]	C [28.7]	D[53.1]	C[24.9]	C [28.7]	D[53.1]	C[24.9]	C [28.7]	D[53.1]	C[24.9]
	NORTHBOUND APPROACH	C [34.1]	D [47.1]	C[33.2]	C [34.6]	D[50.3]	C[33.1]	C[34.8]	D[51.1]	C[34.2]	C[34.8]	D[51.6]	C[34.5]
	SOUTHBOUND LEFT / THROUGH / RIGHT	D [44.3]	D [42.6]	D[41.6]	D [44.7]	D[44.8]	D[44.3]	D [44.7]	D[44.8]	D[44.3]	D [44.7]	D[44.6]	D[44.3]
	OVERALL INTERSECTION	**C [26.2]**	**C[34.1]**	**C[27.0]**	**C [28.0]**	**D[35.0]**	**C[27.7]**	**C[29.8]**	**D[41.6]**	**D[33.7]**	**C[30.1]**	**D[42.4]**	**C[34.3]**
2.	U.S. ROUTE 202 & THIELLS-MT. IVY ROAD												
	SIGNALIZED												
	EASTBOUND LEFT	D [37.2]	C [29.2]	C[27.6]	-	-	-	-	-	-	-	-	-
	EASTBOUND THROUGH / RIGHT	B [10.3]	B [12.5]	B[11.1]	-	-	-	-	-	-	-	-	-
	EASTBOUND APPROACH	B [18.2]	B [17.5]	B[14.8]	-	-	-	-	-	-	-	-	-
	WESTBOUND LEFT	B [15.2]	B [18.5]	B[18.2]	-	-	-	-	-	-	-	-	-
	WESTBOUND THROUGH	D [53.1]	C [31.0]	D[35.5]	-	-	-	-	-	-	-	-	-
	WESTBOUND RIGHT	B [16.7]	C [22.0]	C[20.1]	-	-	-	-	-	-	-	-	-
	WESTBOUND APPROACH	D [47.8]	C [28.0]	C[32.4]	-	-	-	-	-	-	-	-	-
	NORTHBOUND LEFT / THROUGH / RIGHT	C [24.8]	C [25.3]	C[24.8]	-	-	-	-	-	-	-	-	-
	SOUTHBOUND LEFT / THROUGH	D [40.5]	D [39.8]	D[39.7]	-	-	-	-	-	-	-	-	-
	SOUTHBOUND RIGHT	E [62.3]	C [20.9]	B[17.5]	-	-	-	-	-	-	-	-	-
	SOUTHBOUND APPROACH	E [55.7]	C [27.7]	C[26.9]	-	-	-	-	-	-	-	-	-
	OVERALL INTERSECTION	**D [44.4]**	**C[24.3]**	**C[25.4]**	-	-	-	-	-	-	-	-	-
	WITH NYSDOT IMPROVEMENTS												
	SIGNALIZED												
	EASTBOUND LEFT	-	-	-	C[22.0]	B[19.9]	B[16.2]	C[23.0]	C[24.4]	C[20.6]	C[23.6]	C[25.5]	C[21.5]
	EASTBOUND THROUGH	-	-	-	A[1.7]	A[3.2]	A[2.0]	A[1.7]	A[5.3]	A[3.3]	A[1.7]	A[5.6]	A[3.6]
	EASTBOUND APPROACH	-	-	-	A[7.5]	A[8.0]	A[5.1]	A[7.7]	B[10.5]	A[6.9]	A[7.9]	B[11.1]	A[7.3]
	WESTBOUND THROUGH	-	-	-	B[16.6]	B[15.2]	B[15.5]	B[17.0]	B[16.0]	B[16.7]	B[17.1]	B[16.2]	B[16.9]
	WESTBOUND RIGHT	-	-	-	C[21.5]	C[25.3]	C[22.5]	C[21.5]	C[25.3]	C[22.5]	C[21.5]	C[25.3]	C[22.5]
	WESTBOUND APPROACH	-	-	-	B[17.3]	B[18.3]	B[16.9]	B[17.6]	B[18.6]	B[17.7]	B[17.7]	B[18.7]	B[17.9]
	SOUTHBOUND LEFT	-	-	-	C[30.4]	C[28.6]	C[29.1]	C[30.4]	C[28.6]	C[29.1]	C[30.4]	C[28.6]	C[29.1]
	SOUTHBOUND RIGHT	-	-	-	D[36.5]	C[20.7]	B[16.2]	D[46.7]	C[32.6]	C[25.1]	D[52.0]	D[47.8]	C[29.9]
	SOUTHBOUND APPROACH	-	-	-	C[34.6]	C[23.5]	C[21.7]	D[41.9]	C[31.4]	C[26.4]	D[45.6]	D[42.4]	C[29.7]
	OVERALL INTERSECTION	**-**	**-**	**-**	**C[21.8]**	**B[16.5]**	**B[15.0]**	**C[25.0]**	**C[20.0]**	**B[17.4]**	**C[26.4]**	**C[24.2]**	**B[18.8]**
3.	U.S. ROUTE 202 & PIP SB ON/OFF RAMP												
	SIGNALIZED												
	EASTBOUND LEFT	C [22.5]	B [18.4]	B[16.9]	C[27.2]	C[26.0]	C[25.3]	C[31.9]	D[36.1]	F[80.9]	D[35.6]	D[39.2]	F[104.8]
	EASTBOUND THROUGH / RIGHT	A [5.9]	A [7.8]	A[6.5]	A[1.2]	A[2.3]	A[6.9]	A[1.2]	A[3.6]	A[8.5]	A[1.3]	A[3.9]	A[8.8]
	EASTBOUND APPROACH	B [11.7]	A [9.7]	A[9.4]	B[10.9]	A[7.1]	B[12.3]	B[12.7]	D[35.8]	B[15.0]	B[14.2]	D[45.8]	
	WESTBOUND LEFT	B [15.4]	B [15.8]	B[13.6]	B [15.5]	B[15.6]	B[13.6]	B [15.5]	B[15.7]	B[13.7]	B [15.5]	B[15.7]	B[13.7]
	WESTBOUND THROUGH	C [28.0]	C [26.2]	C[21.5]	C [23.3]	C[25.8]	C[26.1]	D [36.9]	F[114.1]	F[115.9]	D [43.9]	F[161.4]	F[146.6]
	WESTBOUND RIGHT	B [18.2]	A [7.3]	A[5.7]	C [24.2]	A[7.7]	A[6.0]	C [24.2]	A[7.7]	A[6.0]	C [24.2]	A[7.7]	A[6.0]
	WESTBOUND APPROACH	C [22.1]	B [17.3]	B[14.1]	C[23.7]	B[17.8]	B[17.1]	C [29.7]	E[74.0]	E[77.2]	C [32.9]	F[106.5]	F[99.1]
	NORTHBOUND LEFT / THROUGH / RIGHT	C [32.4]	C [32.4]	C[32.3]	C [32.4]	C[32.4]	C[32.3]	C [32.4]	C [32.4]	C[32.3]	C [32.4]	C [32.4]	C[32.3]
	SOUTHBOUND LEFT / THROUGH	D [37.6]	D [40.3]	D[35.8]	D [39.2]	D[43.0]	D[36.3]	D [39.2]	D [43.0]	D[36.3]	D [39.2]	D [43.0]	D[36.3]
	SOUTHBOUND RIGHT	B [17.7]	B [16.6]	B[18.3]	B [18.1]	B[16.9]	B[18.5]	B [18.2]	B [17.2]	B[19.1]	B [18.3]	B [17.4]	B[19.3]
	SOUTHBOUND APPROACH	C [25.7]	C [29.7]	C[26.8]	C [26.4]	C[31.1]	C[27.0]	C[28.3]	C[30.1]	C[26.1]	C[26.3]	C [29.9]	C[26.0]
	OVERALL INTERSECTION	**C [20.1]**	**B [16.1]**	**B[13.9]**	**C[20.7]**	**B[15.5]**	**B[16.6]**	**C[24.8]**	**D[44.7]**	**E[55.9]**	**C[27.0]**	**E[61.5]**	**E[71.0]**
	WITH IMPROVEMENTS												
	SIGNALIZED												
	EASTBOUND LEFT	-	-	-	-	-	-	B[11.9]	C[21.0]	D[42.5]	B[15.2]	C[26.0]	D[53.5]
	EASTBOUND THROUGH / RIGHT	-	-	-	-	-	-	A[1.2]	A[3.6]	A[8.5]	A[1.3]	A[3.9]	A[8.8]
	EASTBOUND APPROACH	-	-	-	-	-	-	A[5.2]	A[8.5]	C[21.2]	A[6.9]	B[10.3]	C[26.0]
	WESTBOUND LEFT	-	-	-	-	-	-	B [15.5]	B[15.7]	B[13.7]	B [15.5]	B[15.7]	B[14.8]
	WESTBOUND THROUGH	-	-	-	-	-	-	A[9.2]	B[10.4]	B[19.9]	A[9.3]	B[11.2]	C[22.5]
	WESTBOUND RIGHT	-	-	-	-	-	-	C [24.2]	A[7.7]	A[6.0]	C [24.2]	A[7.7]	A[6.9]
	WESTBOUND APPROACH	-	-	-	-	-	-	B[17.5]	A[9.5]	B[15.0]	B[17.4]	B[10.0]	B[17.2]
	NORTHBOUND LEFT / THROUGH / RIGHT	-	-	-	-	-	-	C [32.4]	C [32.4]	C[32.3]	C [32.4]	C [32.4]	C[32.3]
	SOUTHBOUND LEFT / THROUGH	-	-	-	-	-	-	D [39.2]	D [43.0]	D[36.3]	D [39.2]	D [43.0]	D[36.3]
	SOUTHBOUND RIGHT	-	-	-	-	-	-	B [18.2]	B [17.2]	B[19.1]	B [18.3]	B [17.4]	B[17.9]
	SOUTHBOUND APPROACH	-	-	-	-	-	-	C[28.3]	C[30.1]	C[26.1]	C[28.3]	C [29.9]	C[25.2]
	OVERALL INTERSECTION	**-**	**-**	**-**	**-**	**-**	**-**	**B[15.5]**	**B[11.4]**	**B[18.6]**	**B[15.6]**	**B[12.4]**	**C[21.5]**

NOTES:

THE ABOVE REPRESENTS THE LEVELS OF SERVICE AND VEHICLE DELAY IN SECONDS, B [13.2], FOR EACH MOVEMENT, FOR EACH APPROACH AS WELL AS FOR THE OVERALL INTERSECTION FOR THE SIGNALIZED INTERSECTIONS AND THE LEVELS OF SERVICE AND AVERAGE TOTAL DELAY IN SECONDS, B [10.9], FOR THE UNSIGNALIZED INTERSECTIONS.

TABLE NO. 2 (continued)

LEVEL OF SERVICE SUMMARY TABLE

		2008 EXISTING			2011 NO-BUILD			2011 BUILD (W/O PATRICK FARM)			2011 BUILD (W/ PATRICK FARM)		
		AM	PM	SAT	AM	PM	SAT	AM	PM	SAT	AM	PM	SAT
4.	U.S. ROUTE 202 & CAMP HILL ROAD												
	SIGNALIZED												
	EASTBOUND LEFT / THROUGH / RIGHT	B[11.5]	B[13.3]	B[12.2]	B[15.1]	B[12.3]	B[12.8]	B[13.8]	B[14.9]	B[16.3]	B[16.5]	B[17.1]	B[19.4]
	WESTBOUND LEFT / THROUGH / RIGHT	B[19.9]	B[15.3]	B[13.4]	B[13.3]	A[5.2]	A[3.8]	C[21.6]	B[12.9]	B[17.3]	C[29.6]	C[28.4]	C[34.9]
	NORTHBOUND LEFT / THROUGH / RIGHT	C[26.3]	C[26.6]	C[28.8]	C[26.4]	C[30.8]	C[30.9]	C[26.6]	C[31.5]	C[32.8]	C[26.6]	C[31.6]	C[32.8]
	SOUTHBOUND LEFT / THROUGH / RIGHT	C[29.8]	C[26.8]	C[28.6]	C[31.6]	C[31.7]	C[31.0]	C[32.7]	C[34.8]	D[40.3]	C[32.7]	C[34.8]	D[40.3]
	OVERALL INTERSECTION	**B[10.0]**	**B[16.0]**	**B[16.8]**	**B[16.7]**	**B[11.7]**	**B[13.2]**	**C[20.8]**	**B[16.7]**	**C[21.2]**	**C[25.4]**	**C[24.5]**	**C[29.7]**
5.	THIELLS - MT. IVY ROAD & PIP NB OFF RAMP												
	UNSIGNALIZED												
	EASTBOUND LEFT	E (45.1)	F (362.8)	E[42.4]	F[65.7]	F[522.4]	F[65.4]	F[66.6]	F[577.8]	F[85.2]	F[69.2]	F[605.2]	F[91.4]
	EASTBOUND RIGHT	D (33.8)	D (25.2)	C[17.3]	F[59.1]	F[50.7]	C[23.2]	F[84.4]	F[141.4]	F[80.8]	F[97.8]	F[202.1]	F[113.8]
	EASTBOUND APPROACH	E (37.9)	F (200.2)	D[29.8]	F[61.3]	F[275.4]	E[42.4]	F[79.0]	F[320.8]	F[82.3]	F[89.3]	F[358.0]	F[106.4]
	W/ SIGNALIZATION												
	EASTBOUND LEFT	—	—	—	C[26.9]	C[24.1]	C[21.7]	C[26.9]	C[24.1]	C[21.7]	C[26.9]	C[24.1]	C[21.7]
	EASTBOUND RIGHT	—	—	—	C[31.9]	C[27.8]	C[23.5]	C[34.5]	D[42.8]	D[35.5]	D[35.8]	E[62.4]	D[42.6]
	EASTBOUND LEFT / THROUGH / RIGHT	—	—	—	C[30.3]	C[26.1]	C[22.7]	C[32.2]	D[35.2]	D[30.7]	C[33.2]	D[47.6]	D[35.7]
	NORTHBOUND THROUGH	—	—	—	A[9.9]	C[20.1]	B[15.4]	A[9.9]	C[20.6]	B[15.7]	A[10.0]	C[20.9]	B[15.8]
	SOUTHBOUND LEFT THROUGH	—	—	—	C[20.7]	C[20.8]	B[19..1]	C[21.1]	C[21.4]	B[19.8]	C[21.2]	C[21.8]	C[20.0]
	OVERALL INTERSECTION	—	—	—	**C[21.0]**	**C[22.7]**	**B[19.8]**	**C[21.9]**	**C[27.2]**	**C[24.0]**	**C[22.3]**	**C[33.1]**	**C[26.6]**
6.	PIP SB ON/OFF RAMP & QUAKER ROAD												
	UNSIGNALIZED												
	EASTBOUND LEFT / THROUGH	A (8.2)	A (8.0)	A[7.7]	A (8.4)	A (8.1)	A[7.8]	A (8.4)	A (8.2)	A[7.9]	A (8.4)	A (8.3)	A[8.0]
	SOUTHBOUND LEFT / RIGHT	F (626.7)	F (50.2)	C[23.2]	F (*)	F (100.6)	D[30.6]	F (*)	F[207.4]	F[63.9]	F (*)	F[243.3]	F[74.6]
	W/ SIGNALIZATION												
	EASTBOUND LEFT	—	—	—	B[10.9]	B[16.3]	B[14.0]	B[11.0]	B[17.0]	B[14.9]	B[11.1]	B[17.4]	B[15.1]
	EASTBOUND RIGHT	—	—	—	C[25.3]	B[16.2]	B[18.1]	C[25.6]	C[20.5]	C[28.8]	C[33.8]	C[21.9]	C[33.2]
	EASTBOUND LEFT / THROUGH / RIGHT	—	—	—	C[23.0]	B[16.2]	B[17.5]	C[23.2]	B[19.7]	C[27.0]	C[30.3]	C[20.9]	C[30.9]
	WESTBOUND LEFT / THROUGH / RIGHT	—	—	—	B[14.9]	C[20.5]	C[20.1]	B[15.0]	C[20.7]	C[20.5]	B[15.0]	C[20.9]	C[20.6]
	SOUTHBOUND LEFT THROUGH	—	—	—	D[46.4]	C[25.6]	C[24.1]	D[47.0]	C[25.8]	C[24.3]	D[47.0]	C[25.8]	C[24.3]
	OVERALL INTERSECTION	—	—	—	**C[26.0]**	**B[18.8]**	**B[18.9]**	**C[26.3]**	**C[21.0]**	**C[25.7]**	**C[31.0]**	**C[21.5]**	**C[28.5]**

NOTES:

THE ABOVE REPRESENTS THE LEVELS OF SERVICE AND VEHICLE DELAY IN SECONDS, B [13.2], FOR EACH MOVEMENT, FOR EACH APPROACH AS WELL AS FOR THE OVERALL INTERSECTION FOR THE SIGNALIZED INTERSECTIONS AND THE LEVELS OF SERVICE AND AVERAGE TOTAL DELAY IN SECONDS, B [10.9], FOR THE UNSIGNALIZED INTERSECTIONS.

TABLE NO. 2 (continued)

LEVEL OF SERVICE SUMMARY TABLE

		2008 EXISTING			2011 NO-BUILD			2011 BUILD (W/O PATRICK FARM)			2011 BUILD (W/ PATRICK FARM)		
		AM	PM	SAT	AM	PM	SAT	AM	PM	SAT	AM	PM	SAT
7.	U.S. ROUTE 202 & SHOPPING CENTER DRIVEWAY												
	UNSIGNALIZED												
	WESTBOUND LEFT / THROUGH	A[8.8]	A[9.7]	A[9.6]	A[9.4]	B[10.3]	B[10.2]	—	—	—	—	—	—
	NORTHBOUND LEFT / RIGHT	C[18.6]	D[31.3]	F[71.2]	D[25.1]	F[50.7]	F[192.9]	—	—	—	—	—	—
	U.S. ROUTE 202 & PROPOSED SITE ACCESS												
	SIGNALIZED												
	EASTBOUND LEFT	—	—	—	—	—	—	B [17.0]	C[32.1]	D[52.5]	B [17.0]	D[54.9]	D[53.0]
	EASTBOUND THROUGH / RIGHT	—	—	—	—	—	—	A[1.1]	A[1.3]	A[3.0]	A[1.1]	A[1.3]	A[2.5]
	EASTBOUND APPROACH	—	—	—	—	—	—	A[2.8]	A[6.6]	B[19.6]	A[2.6]	B[13.4]	B[18.4]
	WESTBOUND LEFT	—	—	—	—	—	—	B[14.5]	B[17.0]	C[33.2]	B[14.7]	B[15.9]	C[33.3]
	WESTBOUND THROUGH	—	—	—	—	—	—	D[44.7]	D[44.6]	D[52.0]	D[53.3]	E[64.8]	E[75.0]
	WESTBOUND RIGHT	—	—	—	—	—	—	A[6.0]	A[7.8]	B[11.2]	*A[6.0]*	A[7.1]	B[11.2]
	WESTBOUND APPROACH	—	—	—	—	—	—	D[40.8]	C[34.9]	D[37.4]	D[48.7]	D[50.9]	D[52.4]
	NORTHBOUND LEFT / THROUGH / RIGHT	—	—	—	—	—	—	D[41.7]	D[42.6]	D[52.1]	D[41.7]	D[42.6]	D[52.1]
	SOUTHBOUND LEFT	—	—	—	—	—	—	D[35.7]	D[47.8]	D[53.0]	D[35.7]	D[50.8]	E[63.3]
	SOUTHBOUND LEFT / THROUGH	—	—	—	—	—	—	D[35.7]	D[47.8]	D[53.0]	D[35.7]	D[51.2]	E[62.7]
	SOUTHBOUND RIGHT	—	—	—	—	—	—	C[27.0]	C[30.7]	C[31.7]	C[27.0]	C[34.4]	C[33.8]
	SOUTHBOUND APPROACH	—	—	—	—	—	—	C[31.8]	D[40.5]	D[43.9]	C[31.8]	D[43.9]	D[50.5]
	OVERALL INTERSECTION	—	—	—	—	—	—	**C[25.9]**	**C[26.0]**	**C[34.4]**	**C[28.7]**	**C[34.5]**	**D[40.6]**
8.	U.S. ROUTE 202 & PACESETTER SHOPPING CENTER (WEST)												
	SIGNALIZED												
	EASTBOUND THROUGH / RIGHT	B [15.7]	B[18.7]	B[17.2]	B[19.5]	C[26.5]	C[20.7]	A[4.9]	C[34.9]	B[19..3]	A[7.3]	D[51.5]	C[32.0]
	WESTBOUND LEFT	B [10.0]	B[15.4]	B[12.6]	B[11.9]	B[19.1]	B[14.8]	A[5.0]	A[8.4]	A[6.9]	A[5.1]	A[8.8]	A[7.1]
	WESTBOUND THROUGH	A [7.9]	A[6.6]	A[6.4]	A[9.3]	A[7.6]	A[7.0]	A[2.9]	A[2.0]	A[2.1]	A[3.2]	A[2.8]	A[2.7]
	WESTBOUND APPROACH	A [8.1]	A[9.0]	A[7.9]	A[9.5]	B[10.3]	A[8.7]	A[3.1]	A[3.5]	A[3.0]	A[3.3]	A[4.0]	A[3.5]
	NORTHBOUND LEFT	C [32.6]	D [35.4]	C[34.3]	C[32.6]	D [35.6]	C[34.4]	C [32.6]	D [35.6]	C[34.4]	C [32.6]	D [35.6]	C[34.4]
	NORTHBOUND RIGHT	C [33.0]	C [34.1]	C[34.0]	C[33.0]	C [34.2]	C[34.1]	C [33.1]	D[34.5]	C[34.5]	C [33.1]	C[34.5]	C[34.5]
	NORTHBOUND APPROACH	C [32.8]	C[34.9]	C[34.2]	C[32.9]	D[35.1]	C[34.3]	C[32.9]	D[35.2]	C[34.5]	C[32.8]	D[35.2]	C[34.5]
	OVERALL INTERSECTION	**B [12.3]**	**B[16.5]**	**B[15.0]**	**B[14.8]**	**C[20.3]**	**B[16.7]**	**A[5.1]**	**C[21.3]**	**B[13.2]**	**A[6.2]**	**C[28.6]**	**B[18.9]**
9.	U.S. ROUTE 202 & RAMAPO PLAZA												
	UNSIGNALIZED												
	WESTBOUND LEFT / THROUGH	A[9.2]	A[9.8]	A[9.3]	A[9.9]	B[10.5]	A[9.8]	A[10.0]	B[12.2]	B[11.9]	B[10.5]	B[12.6]	B[12.3]
	NORTHBOUND LEFT / RIGHT	F[67.2]	D[31.3]	D[27.4]	F[205.3]	F[52.6]	E[41.1]	F[67.2]	E[47.3]	E[49.7]	F[100.0]	F[57.9]	F[61.6]
	WITH IMPROVEMENTS												
	UNSIGNALIZED												
	WESTBOUND LEFT / THROUGH	-	-	-	-	-	-	A[10.0]	B[12.2]	B[11.9]	B[10.5]	B[12.6]	B[12.3]
	NORTHBOUND LEFT / RIGHT	-	-	-	-	-	-	C[23.3]	C[23.2]	C[22.8]	D[26.3]	C[24.9]	C[24.5]
10.	U.S. ROUTE 202 & MARTINO WAY												
	SIGNALIZED												
	EASTBOUND LEFT	A [5.0]	A [4.3]	A[4.2]	A[5.4]	A[4.7]	A[4.5]	A[5.5]	A[5.1]	A[4.9]	A[5.5]	A[5.1]	A[5.0]
	EASTBOUND THROUGH	A [3.3]	A[9.3]	A[3.9]	A[3.5]	B[13.1]	A[4.3]	A[3.5]	B[18.2]	A[5.0]	A[3.6]	B[18.6]	A[5.1]
	EASTBOUND APPROACH	A [3.4]	A[8.8]	A[3.9]	A[3.6]	B[12.4]	A[4.3]	A[3.6]	B[17.1]	A[5.0]	A[3.6]	B[17.5]	A[5.1]
	WESTBOUND THROUGH / RIGHT	C [25.1]	B[12.1]	B[13.4]	D[39.0]	B[13.7]	B[15.3]	D[43.7]	B [15.7]	B[19.3]	D[44.4]	B [16.0]	B[19.8]
	SOUTHBOUND LEFT	D [36.8]	D[36.1]	D[36.1]	D[36.9]	D[36.1]	D[36.1]	D[36.9]	D[36.1]	D[36.1]	D[36.9]	D[36.1]	D[36.1]
	SOUTHBOUND RIGHT	C [25.8]	C [24.2]	C[24.8]	C[26.0]	C[24.2]	C[24.9]	C[26.0]	C[24.2]	C[24.9]	C[26.0]	C[24.2]	C[24.9]
	SOUTHBOUND APPROACH	C [26.4]	C [27.5]	C[26.8]	C[28.5]	C[27.5]	C[26.9]	C[28.5]	C[27.5]	C[26.9]	C[28.5]	C[27.5]	C[26.9]
	OVERALL INTERSECTION	**B [18.4]**	**B[10.5]**	**A[9.7]**	**C[26.4]**	**B[13.2]**	**B[10.7]**	**C [29.1]**	**B [16.9]**	**B[12.9]**	**C [29.4]**	**B [17.2]**	**B[13.1]**

NOTES:

THE ABOVE REPRESENTS THE LEVELS OF SERVICE AND VEHICLE DELAY IN SECONDS, B [13.2], FOR EACH MOVEMENT, FOR EACH APPROACH AS WELL AS FOR THE OVERALL INTERSECTION FOR THE SIGNALIZED INTERSECTIONS AND THE LEVELS OF SERVICE AND AVERAGE TOTAL DELAY IN SECONDS, B [10.9], FOR THE UNSIGNALIZED INTERSECTIONS.

TABLE NO. 2 (continued)

LEVEL OF SERVICE SUMMARY TABLE

		2008 EXISTING			2011 NO-BUILD			2011 BUILD (W/O PATRICK FARM)			2011 BUILD (W/ PATRICK FARM)		
		AM	PM	SAT	AM	PM	SAT	AM	PM	SAT	AM	PM	SAT
11	U.S. ROUTE 202 & PACESETTER SHOPPING CENTER (EAST)												
	UNSIGNALIZED												
	NORTHBOUND RIGHT	B[12.4]	C[16.5]	B[14.0]	B[14.1]	C[20.1]	C[16.0]	B[13.6]	C[21.9]	C[20.9]	B[15.0]	C[23.5]	C[23.0]
12	U.S. ROUTE 202 & NYS ROUTE 306												
	SIGNALIZED												
	EASTBOUND LEFT	B[18.5]	B[15.2]	B[19.1]	B[19.0]	B[15.2]	B[19.4]	B[19.1]	B[15.3]	B[19.9]	B[19.1]	B[15.3]	C[20.2]
	EASTBOUND THROUGH / RIGHT	C[23.0]	C[21.5]	C[22.6]	C[25.5]	C[23.5]	C[23.8]	C[24.5]	C[25.8]	C[25.8]	C[26.3]	C[27.1]	C[27.0]
	EASTBOUND APPROACH	C[22.9]	C[21.4]	C[22.3]	C[25.4]	C[23.4]	C[23.5]	C[24.5]	C[25.7]	C[25.3]	C[26.2]	C[27.0]	C[26.5]
	WESTBOUND LEFT	B[18.4]	B[19.0]	B[16.0]	C[23.4]	C[25.2]	B[19.0]	C[22.2]	C[29.1]	C[22.5]	C[25.6]	C[35.7]	C[25.5]
	WESTBOUND THROUGH / RIGHT	B[17.9]	B[10.1]	B[13.3]	C[20.4]	B[10.7]	B[14.1]	C[21.2]	B[11.0]	B[15.2]	C[21.9]	B[11.5]	B[15.8]
	WESTBOUND APPROACH	B[18.0]	B[12.8]	B[13.7]	C[21.0]	B[15.7]	B[15.0]	C[21.4]	B[16.9]	B[16.6]	C[22.7]	B[19.9]	B[18.0]
	NORTHBOUND LEFT / THROUGH / RIGHT	C[23.3]	C[28.4]	C[23.6]	C[26.0]	C[30.4]	C[24.4]	C[25.1]	C[31.8]	C[25.1]	C[26.4]	C[33.5]	C[25.7]
	SOUTHBOUND LEFT / THROUGH / RIGHT	C[22.1]	C[25.3]	C[21.9]	C[22.4]	C[28.5]	C[22.0]	C[22.5]	C[28.8]	C[22.3]	C[22.5]	C[26.9]	C[22.3]
	OVERALL INTERSECTION	**B[20.0]**	**B[19.1]**	**B[18.6]**	**C[23.0]**	**C[21.5]**	**B[19.6]**	**C[22.7]**	**C[23.2]**	**C[21.1]**	**C[24.1]**	**C[25.8]**	**C[22.2]**
13	NYS ROUTE 45 & OLD ROUTE 202/PARK & RIDE												
	UNSIGNALIZED												
	EASTBOUND LEFT / THROUGH / RIGHT	B[13.3]	D[29.6]	C[16.8]	C[21.6]	F[95.4]	C[24.0]	C[21.6]	F[116.6]	D[27.2]	C[22.2]	F[125.6]	D[28.2]
	WESTBOUND LEFT / THROUGH / RIGHT	F[232.7]	F[98.3]	C[24.5]	F[313.0]	F[306.6]	E[39.3]	F[309.5]	F[374.9]	F[50.7]	F[334.8]	F[407.0]	F[54.5]
	NORTHBOUND LEFT / THROUGH / RIGHT	A[8.9]	A[8.3]	A[8.1]	A[8.8]	A[8.5]	A[8.2]	A[8.7]	A[8.7]	A[8.4]	A[8.8]	A[8.7]	A[8.4]
	SOUTHBOUND LEFT / THROUGH / RIGHT	A[8.2]	A[10.0]	A[8.4]	A[8.3]	B[10.4]	A[8.6]	A[8.3]	B[10.5]	A[8.7]	A[8.3]	B[10.5]	A[8.7]
	SIGNALIZED												
	EASTBOUND LEFT / THROUGH / RIGHT	—	—	—	B[13.6]	B[13.9]	B[13.6]	B[13.6]	B[13.9]	B[13.6]	B[13.6]	B[13.9]	B[13.6]
	WESTBOUND LEFT / THROUGH / RIGHT	—	—	—	C[21.8]	B[15.3]	B[15.3]	C[21.8]	B[15.3]	B[15.3]	C[21.8]	B[15.3]	B[15.3]
	NORTHBOUND LEFT	—	—	—	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]	A[7.6]
	NORTHBOUND THROUGH / RIGHT	—	—	—	A[8.7]	B[10.7]	A[9.0]	A[8.7]	B[10.9]	A[9.1]	A[8.7]	B[10.9]	A[8.1]
	NORTHBOUND APPROACH	—	—	—	A[8.7]	B[10.7]	A[9.0]	A[8.7]	B[10.9]	A[9.1]	A[8.7]	B[10.9]	A[8.1]
	SOUTHBOUND LEFT / THROUGH / RIGHT	—	—	—	B[14.1]	B[12.2]	B[10.6]	B[13.9]	B[13.1]	B[11.4]	B[14.5]	B[13.4]	B[11.7]
	OVERALL INTERSECTION	—	—	—	**B[14.8]**	**B[11.7]**	**B[10.4]**	**B[13.9]**	**B[12.1]**	**B[10.8]**	**B[14.2]**	**B[12.2]**	**B[10.9]**
14	U.S. ROUTE 202 & CRYSTAL HILL CLUB/BALSAM ROAD												
	SIGNALIZED												
	EASTBOUND LEFT	A[9.4]	A[4.9]	A[7.9]	B[11.6]	A[6.0]	A[9.2]	B[12.1]	A[7.2]	B[11.5]	B[12.2]	A[7.4]	B[11.8]
	EASTBOUND THROUGH / RIGHT	B[14.7]	B[17.2]	B[18.9]	B[15.8]	C[20.6]	C[20.9]	B[16.0]	C[25.3]	C[25.7]	B[16.2]	C[25.8]	C[26.1]
	EASTBOUND APPROACH	B[14.7]	B[16.8]	B[18.7]	B[15.7]	C[20.2]	C[20.7]	B[16.0]	C[24.7]	C[25.3]	B[16.2]	C[25.2]	C[25.8]
	WESTBOUND LEFT	A[5.2]	A[7.5]	A[7.3]	A[5.7]	A[9.9]	A[8.4]	A[5.8]	B[12.7]	B[10.6]	A[5.9]	B[12.9]	B[10.8]
	WESTBOUND THROUGH / RIGHT	C[22.8]	B[13.3]	B[19.9]	C[27.6]	B[14.8]	C[22.4]	C[28.8]	B[16.3]	C[26.9]	C[29.1]	B[16.6]	C[27.6]
	WESTBOUND APPROACH	C[22.6]	B[13.0]	B[19.4]	C[27.3]	B[14.6]	C[21.9]	C[28.5]	B[16.2]	C[26.4]	C[28.8]	B[16.5]	C[27.0]
	NORTHBOUND LEFT / THROUGH	C[32.8]	D[39.3]	C[32.3]	C[33.1]	D[39.7]	C[32.5]	C[33.3]	D[41.7]	C[33.8]	C[33.3]	D[41.7]	C[33.8]
	NORTHBOUND RIGHT	C[30.8]	D[38.9]	C[32.2]	C[30.9]	D[39.1]	C[32.4]	C[30.9]	D[39.1]	C[32.4]	C[30.9]	D[39.1]	C[32.4]
	NORTHBOUND APPROACH	C[32.1]	D[39.1]	C[32.2]	C[32.3]	D[39.4]	C[32.5]	C[32.4]	D[40.5]	C[33.1]	C[32.4]	D[40.5]	C[33.1]
	SOUTHBOUND LEFT / THROUGH / RIGHT	C[32.7]	D[40.1]	C[32.5]	C[32.9]	D[40.5]	C[32.8]	C[33.0]	D[41.0]	C[33.2]	C[33.0]	D[41.0]	C[33.2]
	OVERALL INTERSECTION	**C[20.9]**	**B[16.6]**	**C[20.4]**	**C[23.8]**	**B[18.9]**	**C[22.5]**	**C[24.6]**	**C[22.1]**	**C[26.6]**	**C[24.8]**	**C[22.4]**	**C[27.1]**

NOTES:

THE ABOVE REPRESENTS THE LEVELS OF SERVICE AND VEHICLE DELAY IN SECONDS, B [13.2], FOR EACH MOVEMENT, FOR EACH APPROACH AS WELL AS FOR THE OVERALL INTERSECTION FOR THE SIGNALIZED INTERSECTIONS AND THE LEVELS OF SERVICE AND AVERAGE TOTAL DELAY IN SECONDS, B [10.9], FOR THE UNSIGNALIZED INTERSECTIONS.

TABLE ODT-1

SUMMARY OF OTHER DEVELOPMENT TRAFFIC

		AM		PM		SAT	
	PROJECT NAME & LOCATION	ENTRY	EXIT	ENTRY	EXIT	ENTRY	EXIT
1	CUMBERLAND FARM (NYS ROUTE 45 & U.S. ROUTE 202)	52	52	58	58	58	58
2	POMONA HEIGHTS OFFICE BUILDING (SOUTH SIDE OF U.S. ROUTE 202 EAST OF CAMP HILL ROAD)	20	1	1	20	1	1
3	H.A.S.C. OF ROCKLAND (HEBREW ACADEMY for SPECIAL CHILDREN) (MOUNTAIN ROAD/DILTZ ROAD)	70	20	20	70	0	0
4	MESIFTA BETH SHRAGA (CAMP HILL ROAD)	18	13	13	18	0	0
5	BOBOVER YESHIVA OF MONSEY (609 ROUTE 306)	15	6	13	14	0	0
6	PATRICK FARM (NYS ROUTE 306 & U.S. ROUTE 202)	46	184	191	97	134	115

NOTES:

1) THE LOCATION MAP FOR THE OTHER DEVELOPMENTS IS SHOWN ON FIGURE ODT-1.

APPENDIX "C"

CAPACITY ANALYSIS

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	5	350	275	225	655	5	185	5	175	10	15	45
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		45.0	10.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	365	1770	0.01	0.60	25.7	C		
T	838	1863	0.45	0.45	19.4	B	15.4	B
R	950	1583	0.31	0.60	10.1	B		
Westbound								
L	618	1770	0.40	0.60	16.8	B		
TR	837	1861	0.86	0.45	33.4	C	29.2	C
Northbound								
L	266	1770	0.42	0.15	39.6	D		
LT	267	1778	0.36	0.15	39.0	D	34.1	C
R	475	1583	0.40	0.30	28.4	C		
Southbound								
LTR	169	1688	0.45	0.10	44.3	D	44.3	D

Intersection Delay = 26.2 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	10	580	275	175	465	2	305	10	475	5	5	35
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.0	15.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	557	1770	0.02	0.60	16.8	B		
T	745	1863	0.82	0.40	34.1	C	27.0	C
R	871	1583	0.33	0.55	12.6	B		
Westbound								
L	468	1770	0.39	0.60	28.3	C		
TR	745	1862	0.66	0.40	26.6	C	27.1	C
Northbound								
L	266	1770	0.63	0.15	44.5	D		
LT	267	1780	0.62	0.15	44.1	D	47.1	D
R	554	1583	0.90	0.35	48.9	D		
Southbound								
LTR	166	1656	0.28	0.10	42.6	D	42.6	D

Intersection Delay = 34.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	5	485	235	130	475	5	230	5	220	5	5	15
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.0	15.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	534	1770	0.01	0.60	17.8	B		
T	745	1863	0.71	0.40	28.2	C	23.0	C
R	871	1583	0.29	0.55	12.3	B		
Westbound								
L	530	1770	0.27	0.60	21.6	C		
TR	744	1860	0.70	0.40	27.9	C	26.6	C
Northbound								
L	266	1770	0.52	0.15	41.0	D		
LT	267	1777	0.44	0.15	39.8	D	33.2	C
R	554	1583	0.43	0.35	25.4	C		
Southbound								
LTR	169	1692	0.15	0.10	41.6	D	41.6	D

Intersection Delay = 27.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	5	410	321	244	722	5	208	5	186	11	16	48
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		45.0	10.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	341	1770	0.01	0.60	30.6	C		
T	838	1863	0.53	0.45	9.7	A	10.2	B
R	950	1583	0.37	0.60	10.5	B		
Westbound								
L	637	1770	0.42	0.60	14.9	B		
TR	837	1861	0.94	0.45	45.2	D	37.6	D
Northbound								
L	266	1770	0.47	0.15	40.1	D		
LT	267	1778	0.40	0.15	39.4	D	34.6	C
R	475	1583	0.43	0.30	28.7	C		
Southbound								
LTR	169	1689	0.48	0.10	44.7	D	44.7	D

Intersection Delay = 28.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	11	657	317	197	518	2	359	11	504	5	5	37
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0	12.0		
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.5	15.0					16.0	8.5		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	521	1770	0.02	0.61	18.6	B		
T	755	1863	0.92	0.41	31.4	C	25.1	C
R	894	1583	0.37	0.56	12.3	B		
Westbound								
L	434	1770	0.48	0.61	31.9	C		
TR	754	1862	0.73	0.41	28.6	C	29.5	C
Northbound								
L	283	1770	0.70	0.16	47.0	D		
LT	285	1779	0.68	0.16	45.9	D	50.3	D
R	570	1583	0.93	0.36	53.1	D		
Southbound								
LTR	141	1654	0.35	0.09	44.6	D	44.6	D

Intersection Delay = 35.0+ (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	5	546	266	143	526	5	261	5	233	5	5	16
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		41.5	15.0					16.0	7.5		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	511	1770	0.01	0.62	18.8	B		
T	773	1863	0.77	0.41	29.8	C	23.7	C
R	910	1583	0.32	0.57	11.3	B		
Westbound								
L	500	1770	0.31	0.62	24.2	C		
TR	772	1860	0.75	0.41	28.8	C	27.9	C
Northbound								
L	283	1770	0.55	0.16	41.0	D		
LT	284	1777	0.47	0.16	39.4	D	33.1	C
R	570	1583	0.44	0.36	24.9	C		
Southbound								
LTR	127	1689	0.21	0.08	44.3	D	44.3	D

Intersection Delay = 27.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	5	421	316	244	740	5	213	5	186	11	16	48
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		45.0	10.0					15.0	10.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	341	1770	0.01	0.60	32.0	C		
T	838	1863	0.55	0.45	9.9	A	10.3	B
R	950	1583	0.36	0.60	10.4	B		
Westbound								
L	628	1770	0.42	0.60	15.3	B		
TR	837	1861	0.97	0.45	50.0	D	41.4	D
Northbound								
L	266	1770	0.48	0.15	40.3	D		
LT	267	1778	0.41	0.15	39.5	D	34.8	C
R	475	1583	0.43	0.30	28.7	C		
Southbound								
LTR	169	1689	0.48	0.10	44.7	D	44.7	D

Intersection Delay = 29.8 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	11	728	356	197	587	2	378	11	504	5	5	37
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0	12.0		
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.5	15.0					16.0	8.5		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	468	1770	0.03	0.61	22.0	C		
T	755	1863	1.01	0.41	52.7	D	39.4	D
R	894	1583	0.42	0.56	12.7	B		
Westbound								
L	429	1770	0.48	0.61	33.4	C		
TR	754	1862	0.82	0.41	33.9	C	33.7	C
Northbound								
L	283	1770	0.73	0.16	49.3	D		
LT	285	1779	0.71	0.16	47.9	D	51.1	D
R	570	1583	0.93	0.36	53.1	D		
Southbound								
LTR	141	1654	0.35	0.09	44.6	D	44.6	D

Intersection Delay = 41.6 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	5	638	318	143	617	5	287	5	233	5	5	16
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0	12.0		
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		41.5	15.0					16.0	7.5		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	440	1770	0.01	0.62	23.8	C		
T	773	1863	0.90	0.41	40.4	D	30.9	C
R	910	1583	0.38	0.57	11.8	B		
Westbound								
L	429	1770	0.36	0.62	30.6	C		
TR	772	1861	0.88	0.41	37.9	D	36.6	D
Northbound								
L	283	1770	0.61	0.16	42.8	D		
LT	284	1777	0.51	0.16	40.0	D	34.2	C
R	570	1583	0.44	0.36	24.9	C		
Southbound								
LTR	127	1689	0.21	0.08	44.3	D	44.3	D

Intersection Delay = 33.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	5	431	334	244	743	5	215	5	186	11	16	48
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0	12.0		
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
WB Left	A	A			SB	Left		A		
Thru	A					Thru		A		
Right	A					Right		A		
Peds						Peds				
NB Right		A			EB	Right	A			
SB Right					WB	Right				
Green	45.0	10.0					15.0	10.0		
Yellow	3.0	3.0					3.0	3.0		
All Red	2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	341	1770	0.01	0.60	32.4	C		
T	838	1863	0.56	0.45	10.0+	B	10.4	B
R	950	1583	0.38	0.60	10.6	B		
Westbound								
L	621	1770	0.43	0.60	15.6	B		
TR	837	1861	0.97	0.45	51.1	D	42.4	D
Northbound								
L	266	1770	0.48	0.15	40.4	D		
LT	267	1778	0.41	0.15	39.5	D	34.8	C
R	475	1583	0.43	0.30	28.7	C		
Southbound								
LTR	169	1689	0.48	0.10	44.7	D	44.7	D

Intersection Delay = 30.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R		LTR	
Volume	11	732	366	197	597	2	387	11	504	5	5	37
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0		12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		40.5	15.0					16.0	8.5		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	461	1770	0.03	0.61	22.5	C		
T	755	1863	1.02	0.41	54.5	D	40.4	D
R	894	1583	0.43	0.56	12.8	B		
Westbound								
L	429	1770	0.48	0.61	33.4	C		
TR	754	1862	0.84	0.41	34.9	C	34.5	C
Northbound								
L	283	1770	0.75	0.16	50.7	D		
LT	285	1779	0.73	0.16	48.9	D	51.6	D
R	570	1583	0.93	0.36	53.1	D		
Southbound								
LTR	141	1654	0.35	0.09	44.6	D	44.6	D

Intersection Delay = 42.4 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB1
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	1	1	0	1	1	1	0	1	0
LGConfig	L	T	R	L	TR		L	LT	R	LTR		
Volume	5	644	330	143	624	5	294	5	233	5	5	16
Lane Width	12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0	12.0		
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left		A		
	Thru	A					Thru		A		
	Right	A					Right		A		
	Peds						Peds				
NB	Right		A			EB	Right	A			
SB	Right					WB	Right				
Green		41.5	15.0					16.0	7.5		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	435	1770	0.01	0.62	24.2	C		
T	773	1863	0.91	0.41	41.7	D	31.6	C
R	910	1583	0.39	0.57	12.0	B		
Westbound								
L	429	1770	0.36	0.62	30.8	C		
TR	772	1861	0.88	0.41	39.0	D	37.5	D
Northbound								
L	283	1770	0.62	0.16	43.4	D		
LT	284	1777	0.52	0.16	40.3	D	34.5	C
R	570	1583	0.44	0.36	24.9	C		
Southbound								
LTR	127	1689	0.21	0.08	44.3	D	44.3	D

Intersection Delay = 34.3 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX2
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THIELLS-MT IVY RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	150	350	10	5	755	125	5	5	5	275	10	730
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			72

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		45.0	10.0					30.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	341	1770	0.48	0.60	37.2	D		
TR	1113	1855	0.35	0.60	10.3	B	18.2	B
Westbound								
L	385	855	0.01	0.45	15.2	B		
T	838	1863	0.98	0.45	53.1	D	47.8	D
R	712	1583	0.19	0.45	16.7	B		
Northbound								
LTR	489	1631	0.03	0.30	24.8	C	24.8	C
Southbound								
LT	404	1347	0.77	0.30	40.5	D	55.7	E
R	712	1583	1.00	0.45	62.3	E		

Intersection Delay = 44.4 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX2
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	250	575	5	10	545	250	10	15	15	275	5	575
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			72

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right		A			WB	Right				
Green	40.0	15.0					30.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	495	1770	0.53	0.60	29.2	C		
TR	1116	1860	0.55	0.60	12.5	B	17.5	B
Westbound								
L	198	495	0.06	0.40	18.5	B		
T	745	1863	0.77	0.40	31.0	C	28.0	C
R	633	1583	0.42	0.40	22.0	C		
Northbound								
LTR	484	1614	0.09	0.30	25.3	C	25.3	C
Southbound								
LT	390	1300	0.75	0.30	39.8	D	27.7	C
R	792	1583	0.67	0.50	20.9	C		

Intersection Delay = 24.3 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX2
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THIELLS-MT IVY RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	130	445	5	5	575	140	5	5	5	275	5	450
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			72

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		40.0	15.0					30.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	458	1770	0.31	0.60	27.6	C		
TR	1116	1860	0.44	0.60	11.1	B	14.8	B
Westbound								
L	272	679	0.02	0.40	18.2	B		
T	745	1863	0.84	0.40	35.5	D	32.4	C
R	633	1583	0.24	0.40	20.1	C		
Northbound								
LTR	490	1633	0.03	0.30	24.8	C	24.8	C
Southbound								
LT	402	1339	0.76	0.30	39.7	D	26.9	C
R	792	1583	0.52	0.50	17.5	B		

Intersection Delay = 25.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	168	418			835	143				313		800
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		38.0	15.0					32.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	504	1770	0.36	0.58	22.0	C		
T	1081	1863	0.42	0.58	1.7	A	7.5	A
Westbound								
T	1348	3547	0.67	0.38	16.6	B	17.3	B
R	602	1583	0.26	0.38	21.5	C		
Northbound								
Southbound								
L	566	1770	0.60	0.32	30.4	C		
							34.6	C
R	823	1583	0.91	0.52	36.5	D		

Intersection Delay = 21.8 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THIELLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	270	661			628	286				308		677
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		37.0	15.0					33.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	586	1770	0.48	0.57	19.9	B		
T	1062	1863	0.66	0.57	3.2	A	8.0	A
Westbound								
T	1312	3547	0.50	0.37	15.2	B	18.3	B
R	586	1583	0.51	0.37	25.3	C		
Northbound								
Southbound								
L	584	1770	0.55	0.33	28.6	C		
							23.5	C
R	839	1583	0.71	0.53	20.7	C		

Intersection Delay = 16.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	144	505			644	158				308		524
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right				
Green	37.0	15.0				33.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	571	1770	0.27	0.57	16.2	B		
T	1062	1863	0.52	0.57	2.0	A	5.1	A
Westbound								
T	1312	3547	0.53	0.37	15.5	B	16.9	B
R	586	1583	0.29	0.37	22.5	C		
Northbound								
Southbound								
L	584	1770	0.57	0.33	29.1	C		
							21.7	C
R	839	1583	0.54	0.53	16.2	B		

Intersection Delay = 15.0 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	168	424			859	143				313		840
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right				
Green	38.0	15.0				32.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	495	1770	0.37	0.58	23.0	C		
T	1081	1863	0.43	0.58	1.7	A	7.7	A
Westbound								
T	1348	3547	0.69	0.38	17.0	B	17.6	B
R	602	1583	0.26	0.38	21.5	C		
Northbound								
Southbound								
L	566	1770	0.60	0.32	30.4	C		
							41.9	D
R	823	1583	0.97	0.52	46.7	D		

Intersection Delay = 25.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THIELLS-MT IVY RD
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	291	770			717	286				308		818
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right				
Green	37.0	15.0				33.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	549	1770	0.56	0.57	24.4	C		
T	1062	1863	0.76	0.57	5.3	A	10.5	B
Westbound								
T	1312	3547	0.58	0.37	16.0	B	18.6	B
R	586	1583	0.51	0.37	25.3	C		
Northbound								
Southbound								
L	584	1770	0.55	0.33	28.6	C		
							31.4	C
R	839	1583	0.89	0.53	32.6	C		

Intersection Delay = 20.0+ (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	171	648			761	158				308		730
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right				
Green	37.0	15.0				33.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	522	1770	0.36	0.57	20.6	C		
T	1062	1863	0.66	0.57	3.3	A	6.9	A
Westbound								
T	1312	3547	0.63	0.37	16.7	B	17.7	B
R	586	1583	0.29	0.37	22.5	C		
Northbound								
Southbound								
L	584	1770	0.57	0.33	29.1	C		
							26.4	C
R	839	1583	0.81	0.53	25.1	C		

Intersection Delay = 17.4 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	177	452			864	143				313		856
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right				
Green	38.0	15.0				32.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	493	1770	0.39	0.58	23.6	C		
T	1081	1863	0.45	0.58	1.7	A	7.9	A
Westbound								
T	1348	3547	0.70	0.38	17.1	B	17.7	B
R	602	1583	0.26	0.38	21.5	C		
Northbound								
Southbound								
L	566	1770	0.60	0.32	30.4	C		
							45.6	D
R	823	1583	0.99	0.52	52.0	D		

Intersection Delay = 26.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THIELLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	296	784			735	286				308		885
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right				
Green		37.0	15.0					33.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	542	1770	0.58	0.57	25.5	C		
T	1062	1863	0.78	0.57	5.6	A	11.1	B
Westbound								
T	1312	3547	0.59	0.37	16.2	B	18.7	B
R	586	1583	0.51	0.37	25.3	C		
Northbound								
Southbound								
L	584	1770	0.55	0.33	28.6	C		
							42.4	D
R	839	1583	0.97	0.53	47.8	D		

Intersection Delay = 24.2 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB2IM
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & THEILLS-MT IVY RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	1	0	0	0	1	0	1
LGConfig	L	T			T	R				L		R
Volume	177	666			775	158				308		777
Lane Width	12.0	12.0			12.0	12.0				12.0		12.0
RTOR Vol						0						108

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right				
Green	37.0	15.0				33.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	517	1770	0.37	0.57	21.5	C		
T	1062	1863	0.68	0.57	3.6	A	7.3	A
Westbound								
T	1312	3547	0.64	0.37	16.9	B	17.9	B
R	586	1583	0.29	0.37	22.5	C		
Northbound								
Southbound								
L	584	1770	0.57	0.33	29.1	C		
							29.7	C
R	839	1583	0.87	0.53	29.9	C		

Intersection Delay = 18.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	205	380	5	15	600	875	5	5	5	125	5	195
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	589	1770	0.38	0.70	22.5	C		
TR	1301	1859	0.32	0.70	5.9	A	11.7	B
Westbound								
L	395	877	0.04	0.45	15.4	B		
T	838	1863	0.78	0.45	28.0	C	22.1	C
R	1108	1583	0.86	0.70	18.2	B		
Northbound								
LTR	330	1648	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1347	0.52	0.20	37.6	D	25.7	C
R	712	1583	0.30	0.45	17.7	B		

Intersection Delay = 20.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	150	675	5	15	590	525	5	5	5	150	5	125
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	611	1770	0.26	0.70	18.4	B		
TR	1303	1861	0.55	0.70	7.8	A	9.7	A
Westbound								
L	221	491	0.07	0.45	15.8	B		
T	838	1863	0.74	0.45	26.2	C	17.3	B
R	1108	1583	0.50	0.70	7.3	A		
Northbound								
LTR	328	1641	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1345	0.61	0.20	40.3	D	29.7	C
R	712	1583	0.19	0.45	16.6	B		

Intersection Delay = 16.1 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	185	480	5	5	540	485	5	5	5	95	5	110
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		48.0	17.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	619	1770	0.32	0.70	16.9	B		
TR	1302	1860	0.40	0.70	6.5	A	9.4	A
Westbound								
L	354	738	0.01	0.48	13.6	B		
T	894	1863	0.66	0.48	21.5	C	14.1	B
R	1156	1583	0.46	0.73	5.7	A		
Northbound								
LTR	332	1658	0.05	0.20	32.3	C	32.3	C
Southbound								
LT	270	1351	0.40	0.20	35.8	D	26.6	C
R	665	1583	0.18	0.42	18.3	B		

Intersection Delay = 13.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	272	454	5	16	687	933	5	5	5	138	5	220
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right		A			WB	Right	A			
Green	45.0	20.0					20.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	559	1770	0.53	0.70	27.2	C		
TR	1302	1860	0.38	0.70	1.2	A	10.9	B
Westbound								
L	403	896	0.04	0.45	15.5	B		
T	838	1863	0.89	0.45	23.3	C	23.7	C
R	1108	1583	0.92	0.70	24.2	C		
Northbound								
LTR	329	1644	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1345	0.58	0.20	39.2	D	26.4	C
R	712	1583	0.34	0.45	18.1	B		

Intersection Delay = 20.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	198	766	5	16	726	563	5	5	5	165	5	143
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	539	1770	0.39	0.70	26.0	C		
TR	1303	1861	0.62	0.70	2.3	A	7.1	A
Westbound								
L	301	670	0.06	0.45	15.6	B		
T	838	1863	0.91	0.45	25.8	C	17.8	B
R	1108	1583	0.54	0.70	7.7	A		
Northbound								
LTR	327	1637	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1344	0.67	0.20	43.0	D	31.1	C
R	712	1583	0.21	0.45	16.9	B		

Intersection Delay = 15.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	230	542	5	5	642	520	5	5	5	107	5	124
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		48.0	17.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	538	1770	0.46	0.70	25.3	C		
TR	1302	1860	0.46	0.70	6.9	A	12.3	B
Westbound								
L	313	653	0.02	0.48	13.6	B		
T	894	1863	0.78	0.48	26.1	C	17.1	B
R	1156	1583	0.49	0.73	6.0	A		
Northbound								
LTR	331	1654	0.05	0.20	32.3	C	32.3	C
Southbound								
LT	270	1349	0.45	0.20	36.3	D	27.0	C
R	665	1583	0.20	0.42	18.5	B		

Intersection Delay = 16.6 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	277	459	5	16	751	933	5	5	5	138	5	227
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right		A			WB	Right	A			
Green	45.0	20.0					20.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	518	1770	0.58	0.70	31.9	C		
TR	1302	1860	0.39	0.70	1.2	A	12.7	B
Westbound								
L	401	891	0.04	0.45	15.5	B		
T	838	1863	0.97	0.45	36.9	D	29.7	C
R	1108	1583	0.92	0.70	24.2	C		
Northbound								
LTR	329	1644	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1345	0.58	0.20	39.2	D	26.3	C
R	712	1583	0.35	0.45	18.2	B		

Intersection Delay = 24.8 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	349	896	5	16	956	563	5	5	5	165	5	170
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right		A			WB	Right	A			
Green	45.0	20.0					20.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	518	1770	0.71	0.70	36.1	D		
TR	1303	1861	0.73	0.70	3.6	A	12.7	B
Westbound								
L	265	589	0.06	0.45	15.7	B		
T	838	1863	1.20	0.45	114.1	F	74.0	E
R	1108	1583	0.54	0.70	7.7	A		
Northbound								
LTR	327	1637	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1344	0.67	0.20	43.0	D	30.1	C
R	712	1583	0.25	0.45	17.2	B		

Intersection Delay = 44.7 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	430	713	5	5	965	520	5	5	5	107	5	162
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right	A			
Green	48.0	17.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	463	1770	1.01	0.70	80.9	F		
TR	1303	1861	0.60	0.70	8.5	A	35.6	D
Westbound								
L	207	432	0.02	0.48	13.7	B		
T	894	1863	1.17	0.48	115.9	F	77.2	E
R	1156	1583	0.49	0.73	6.0	A		
Northbound								
LTR	331	1654	0.05	0.20	32.3	C	32.3	C
Southbound								
LT	270	1349	0.45	0.20	36.3	D	26.1	C
R	665	1583	0.26	0.42	19.1	B		

Intersection Delay = 55.9 (sec/veh) Intersection LOS = E

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	332	496	5	16	772	933	5	5	5	138	5	230
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	518	1770	0.70	0.70	35.6	D		
TR	1302	1860	0.42	0.70	1.3	A	15.0	B
Westbound								
L	387	859	0.04	0.45	15.5	B		
T	838	1863	1.00	0.45	43.9	D	32.9	C
R	1108	1583	0.92	0.70	24.2	C		
Northbound								
LTR	329	1644	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1345	0.58	0.20	39.2	D	26.3	C
R	712	1583	0.35	0.45	18.3	B		

Intersection Delay = 27.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	378	915	5	16	1042	563	5	5	5	165	5	180
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	518	1770	0.77	0.70	39.2	D		
TR	1303	1861	0.74	0.70	3.9	A	14.2	B
Westbound								
L	260	578	0.07	0.45	15.7	B		
T	838	1863	1.31	0.45	161.4	F	106.5	F
R	1108	1583	0.54	0.70	7.7	A		
Northbound								
LTR	327	1637	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1344	0.67	0.20	43.0	D	29.9	C
R	712	1583	0.27	0.45	17.4	B		

Intersection Delay = 61.5 (sec/veh) Intersection LOS = E

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB3
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	464	737	5	5	1026	520	5	5	5	107	5	169
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		48.0	17.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	463	1770	1.09	0.70	104.8	F		
TR	1303	1861	0.62	0.70	8.8	A	45.8	D
Westbound								
L	193	402	0.03	0.48	13.7	B		
T	894	1863	1.25	0.48	146.6	F	99.1	F
R	1156	1583	0.49	0.73	6.0	A		
Northbound								
LTR	331	1654	0.05	0.20	32.3	C	32.3	C
Southbound								
LT	270	1349	0.45	0.20	36.3	D	26.0	C
R	665	1583	0.28	0.42	19.3	B		

Intersection Delay = 71.0 (sec/veh) Intersection LOS = E

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB3 (WITH IMPROVEMENTS)
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	2	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	277	459	5	16	751	933	5	5	5	138	5	227
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	700	1770	0.43	0.70	11.9	B		
TR	1302	1860	0.39	0.70	1.2	A	5.2	A
Westbound								
L	401	891	0.04	0.45	15.5	B		
T	1596	3547	0.51	0.45	9.2	A	17.5	B
R	1108	1583	0.92	0.70	24.2	C		
Northbound								
LTR	329	1644	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1345	0.58	0.20	39.2	D	26.3	C
R	712	1583	0.35	0.45	18.2	B		

Intersection Delay = 15.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB3 (WITH IMPROVEMENTS)
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	2	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	349	896	5	16	956	563	5	5	5	165	5	170
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right		A			WB	Right	A			
Green	45.0	20.0					20.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	632	1770	0.58	0.70	21.0	C		
TR	1303	1861	0.73	0.70	3.6	A	8.5	A
Westbound								
L	265	589	0.06	0.45	15.7	B		
T	1596	3547	0.63	0.45	10.4	B	9.5	A
R	1108	1583	0.54	0.70	7.7	A		
Northbound								
LTR	327	1637	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1344	0.67	0.20	43.0	D	30.1	C
R	712	1583	0.25	0.45	17.2	B		

Intersection Delay = 11.4 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB3 (WITH IMPROVEMENTS)
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	2	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	430	713	5	5	965	520	5	5	5	107	5	162
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right		A			WB	Right	A			
Green	48.0	17.0					20.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	542	1770	0.86	0.70	42.5	D		
TR	1303	1861	0.60	0.70	8.5	A	21.2	C
Westbound								
L	207	432	0.02	0.48	13.7	B		
T	1703	3547	0.62	0.48	19.9	B	15.0	B
R	1156	1583	0.49	0.73	6.0	A		
Northbound								
LTR	331	1654	0.05	0.20	32.3	C	32.3	C
Southbound								
LT	270	1349	0.45	0.20	36.3	D	26.1	C
R	665	1583	0.26	0.42	19.1	B		

Intersection Delay = 18.6 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB3 (WITH IMPROVEMENTS)
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	2	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	332	496	5	16	772	933	5	5	5	138	5	230
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right		A			WB Right	A			
Green	45.0	20.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	692	1770	0.52	0.70	15.2	B		
TR	1302	1860	0.42	0.70	1.3	A	6.8	A
Westbound								
L	387	859	0.04	0.45	15.5	B		
T	1596	3547	0.53	0.45	9.3	A	17.4	B
R	1108	1583	0.92	0.70	24.2	C		
Northbound								
LTR	329	1644	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1345	0.58	0.20	39.2	D	26.3	C
R	712	1583	0.35	0.45	18.3	B		

Intersection Delay = 15.6 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB3 (WITH IMPROVEMENTS)
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	2	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	378	915	5	16	1042	563	5	5	5	165	5	180
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
WB	Left	A				SB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right		A			WB	Right	A			
Green		45.0	20.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	603	1770	0.66	0.70	26.0	C		
TR	1303	1861	0.74	0.70	3.9	A	10.3	B
Westbound								
L	260	578	0.07	0.45	15.7	B		
T	1596	3547	0.69	0.45	11.2	B	10.0+	B
R	1108	1583	0.54	0.70	7.7	A		
Northbound								
LTR	327	1637	0.05	0.20	32.4	C	32.4	C
Southbound								
LT	269	1344	0.67	0.20	43.0	D	29.9	C
R	712	1583	0.27	0.45	17.4	B		

Intersection Delay = 12.4 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB3 (WITH IMPROVEMENTS)
E/W St: U.S. ROUTE 202

Inter.: US RT 202 & PIP SB ON/OFF RAMP
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: P.I.P. SOUTHBOUND ON/OFF RAMP

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	2	1	0	1	0	0	1	1
LGConfig	L	TR		L	T	R		LTR			LT	R
Volume	464	737	5	5	1026	520	5	5	5	107	5	169
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0			12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right		A			WB	Right	A			
Green	46.0	19.0					20.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	544	1770	0.93	0.70	53.5	D		
TR	1303	1861	0.62	0.70	8.8	A	26.0	C
Westbound								
L	179	390	0.03	0.46	14.8	B		
T	1632	3547	0.68	0.46	22.5	C	17.2	B
R	1124	1583	0.50	0.71	6.9	A		
Northbound								
LTR	331	1654	0.05	0.20	32.3	C	32.3	C
Southbound								
LT	270	1349	0.45	0.20	36.3	D	25.2	C
R	697	1583	0.26	0.44	17.9	B		

Intersection Delay = 21.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	25	375	5	30	665	25	10	20	50	90	20	55
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	60.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	1025	1709	0.47	0.60	11.5	B	11.5	B
Westbound								
LTR	1071	1785	0.80	0.60	19.9	B	19.9	B
Northbound								
LTR	471	1570	0.20	0.30	26.3	C	26.3	C
Southbound								
LTR	393	1310	0.50	0.30	29.8	C	29.8	C

Intersection Delay = 19.0 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	30	550	10	55	455	110	5	25	75	55	15	25
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
WB Left	A				SB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	60.0				30.0			
Yellow	3.0				3.0			
All Red	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	1054	1757	0.59	0.60	13.3	B	13.3	B
Westbound								
LTR	971	1618	0.67	0.60	15.3	B	15.3	B
Northbound								
LTR	480	1601	0.23	0.30	26.6	C	26.6	C
Southbound								
LTR	398	1325	0.25	0.30	26.8	C	26.8	C

Intersection Delay = 16.0 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: SATURDAY PEAK HOUR
Project ID: 1540SATEX4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	65	345	40	65	370	90	40	70	75	70	30	45
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
WB Left	A				SB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	60.0				30.0			
Yellow	3.0				3.0			
All Red	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	940	1566	0.52	0.60	12.2	B	12.2	B
Westbound								
LTR	962	1603	0.59	0.60	13.4	B	13.4	B
Northbound								
LTR	466	1552	0.43	0.30	28.8	C	28.8	C
Southbound								
LTR	392	1307	0.40	0.30	28.6	C	28.6	C

Intersection Delay = 16.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	41	501	5	32	745	31	11	21	53	98	21	68
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	60.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	977	1628	0.67	0.60	15.1	B	15.1	B
Westbound								
LTR	1061	1769	0.91	0.60	13.3	B	13.3	B
Northbound								
LTR	469	1562	0.22	0.30	26.4	C	26.4	C
Southbound								
LTR	390	1301	0.57	0.30	31.6	C	31.6	C

Intersection Delay = 16.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	42	648	11	58	590	120	5	27	80	62	16	41
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	65.0					25.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	1108	1705	0.67	0.65	12.3	B	12.3	B
Westbound								
LTR	1055	1623	0.77	0.65	5.2	A	5.2	A
Northbound								
LTR	400	1600	0.29	0.25	30.8	C	30.8	C
Southbound								
LTR	334	1335	0.37	0.25	31.7	C	31.7	C

Intersection Delay = 11.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: SATURDAY PEAK HOUR
Project ID: 1540SATNB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	69	433	42	69	469	95	42	74	80	74	32	48
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A				NB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	62.0						28.0			
Yellow	3.0						3.0			
All Red	2.0						2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	965	1556	0.61	0.62	12.8	B	12.8	B
Westbound								
LTR	991	1599	0.69	0.62	3.8	A	3.8	A
Northbound								
LTR	433	1548	0.49	0.28	30.9	C	30.9	C
Southbound								
LTR	348	1243	0.48	0.28	31.0	C	31.0	C

Intersection Delay = 13.2 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	41	445	5	40	771	39	11	21	60	106	21	68
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	60.0				30.0			
Yellow	3.0				3.0			
All Red	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	956	1593	0.61	0.60	13.8	B	13.8	B
Westbound								
LTR	1052	1753	0.96	0.60	21.6	C	21.6	C
Northbound								
LTR	468	1561	0.23	0.30	26.6	C	26.6	C
Southbound								
LTR	383	1278	0.61	0.30	32.7	C	32.7	C

Intersection Delay = 20.8 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	42	739	11	84	618	145	5	27	107	90	16	41
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	65.0					25.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	1110	1707	0.75	0.65	14.9	B	14.9	B
Westbound								
LTR	994	1530	0.90	0.65	12.9	B	12.9	B
Northbound								
LTR	398	1592	0.37	0.25	31.5	C	31.5	C
Southbound								
LTR	283	1131	0.55	0.25	34.8	C	34.8	C

Intersection Delay = 16.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: SATURDAY PEAK HOUR
Project ID: 1540SATB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	69	535	42	102	562	129	42	74	113	108	32	48
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	62.0					28.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	955	1541	0.74	0.62	16.3	B	16.3	B
Westbound								
LTR	929	1498	0.93	0.62	17.3	B	17.3	B
Northbound								
LTR	432	1544	0.58	0.28	32.8	C	32.8	C
Southbound								
LTR	287	1026	0.71	0.28	40.3	D	40.3	D

Intersection Delay = 21.2 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	41	537	5	40	795	40	11	21	60	106	21	68
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	60.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	973	1621	0.71	0.60	16.5	B	16.5	B
Westbound								
LTR	1045	1741	1.00	0.60	29.6	C	29.6	C
Northbound								
LTR	468	1561	0.23	0.30	26.6	C	26.6	C
Southbound								
LTR	383	1278	0.61	0.30	32.7	C	32.7	C

Intersection Delay = 25.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	42	787	11	84	714	145	5	27	107	90	16	41
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	65.0					25.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	1103	1697	0.80	0.65	17.1	B	17.1	B
Westbound								
LTR	1003	1543	0.99	0.65	28.4	C	28.4	C
Northbound								
LTR	398	1592	0.37	0.25	31.5	C	31.5	C
Southbound								
LTR	283	1131	0.55	0.25	34.8	C	34.8	C

Intersection Delay = 24.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: SATURDAY PEAK HOUR
Project ID: 1540SATB4
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & CAMP HILL RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: CAMP HILL ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	0	1	0
LGConfig		LTR			LTR			LTR			LTR	
Volume	69	593	42	102	630	129	42	74	113	108	32	48
Lane Width		12.0			12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	62.0					28.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	955	1540	0.80	0.62	19.4	B	19.4	B
Westbound								
LTR	927	1495	1.01	0.62	34.9	C	34.9	C
Northbound								
LTR	432	1544	0.58	0.28	32.8	C	32.8	C
Southbound								
LTR	287	1026	0.71	0.28	40.3	D	40.3	D

Intersection Delay = 29.7 (sec/veh) Intersection LOS = C

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		280			790	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		304			858	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				125		225
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				135		244
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						135		244
C(m) (vph)						218		359
v/c						0.62		0.68
95% queue length						3.62		4.78
Control Delay						45.1		33.8
LOS						E		D
Approach Delay							37.9	
Approach LOS							E	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		515			530	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		559			576	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				350		325
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				380		353
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						380		353
C(m) (vph)						226		521
v/c						1.68		0.68
95% queue length						24.96		5.08
Control Delay						362.8		25.2
LOS						F		D
Approach Delay							200.2	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		275			480	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		298			521	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				246		250
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				267		271
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						267		271
C(m) (vph)						348		559
v/c						0.77		0.48
95% queue length						6.15		2.63
Control Delay						42.4		17.3
LOS						E		C
Approach Delay							29.8	
Approach LOS							D	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		311			844	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		338			917	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				133		268
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				144		291
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						144		291
C(m) (vph)						191		332
v/c						0.75		0.88
95% queue length						4.98		8.19
Control Delay						65.7		59.1
LOS						F		F
Approach Delay							61.3	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		556			577	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		604			627	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				371		408
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				403		443
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						403		443
C(m) (vph)						198		487
v/c						2.04		0.91
95% queue length						30.57		10.43
Control Delay						522.4		50.7
LOS						F		F
Approach Delay							275.4	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		303			521	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		329			566	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				260		311
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				282		338
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						282		338
C(m) (vph)						314		528
v/c						0.90		0.64
95% queue length						8.48		4.49
Control Delay						65.4		23.2
LOS						F		C
Approach Delay							42.4	
Approach LOS							E	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		310			850	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		336			923	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				133		302
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				144		328
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						144		328
C(m) (vph)						190		330
v/c						0.76		0.99
95% queue length						5.02		10.97
Control Delay						66.6		84.4
LOS						F		F
Approach Delay							79.0	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		577			595	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		627			646	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				371		531
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				403		577
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						403		577
C(m) (vph)						187		475
v/c						2.16		1.21
95% queue length						31.76		22.41
Control Delay						577.8		141.4
LOS						F		F
Approach Delay							320.8	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		330			547	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		358			594	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				260		490
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				282		532
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		/
Lanes				1	1	
Configuration				L	R	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						282		532
C(m) (vph)						290		509
v/c						0.97		1.05
95% queue length						9.80		15.63
Control Delay						85.2		80.8
LOS						F		F
Approach Delay							82.3	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		319			852	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		346			926	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				133		316
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				144		343
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						144		343
C(m) (vph)						187		329
v/c						0.77		1.04
95% queue length						5.14		12.25
Control Delay						69.2		97.8
LOS						F		F
Approach Delay							89.3	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		582			605	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		632			657	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				371		588
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				403		639
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						403		639
C(m) (vph)						182		468
v/c						2.21		1.37
95% queue length						32.30		29.50
Control Delay						605.2		202.1
LOS						F		F
Approach Delay							358.0	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: THEILLS-MT IVY RD & PIP NB OFF
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB5
East/West Street: P.I.P. NORTHBOUND OFF RAMP
North/South Street: THIELLS-MT. IVY ROAD
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		336			554	
Peak-Hour Factor, PHF		0.92			0.92	
Hourly Flow Rate, HFR		365			602	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1			1	
Configuration		T			T	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				260		530
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				282		576
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		/
Lanes				1		1
Configuration				L		R

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config						L		R
v (vph)						282		576
C(m) (vph)						284		503
v/c						0.99		1.15
95% queue length						10.16		19.95
Control Delay						91.4		113.8
LOS						F		F
Approach Delay							106.4	
Approach LOS							F	

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	133		268					311			844	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left			
Thru					Thru	A		
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	A		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		30.0				60.0		
Yellow		3.0				3.0		
All Red		2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	542	1805	0.27	0.30	26.9	C		
							30.3	C
R	485	1615	0.60	0.30	31.9	C		
Westbound								
Northbound								
T	1118	1863	0.30	0.60	9.9	A	9.9	A
Southbound								
T	1118	1863	0.82	0.60	20.7	C	20.7	C

Intersection Delay = 21.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	371		408					556			577	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru						Thru	A			
	Right		A				Right				
	Peds						Peds				
WB	Left					SB	Left				
	Thru						Thru	A			
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green			40.0					50.0			
Yellow			3.0					3.0			
All Red			2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.56	0.40	24.1	C	26.1	C
R	646	1615	0.69	0.40	27.8	C		
Westbound								
Northbound								
T	932	1863	0.65	0.50	20.1	C	20.1	C
Southbound								
T	932	1863	0.67	0.50	20.8	C	20.8	C

Intersection Delay = 22.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	260		311					303			521	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left			
Thru					Thru	A		
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	A		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		40.0				50.0		
Yellow		3.0				3.0		
All Red		2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.39	0.40	21.7	C	22.7	C
R	646	1615	0.52	0.40	23.5	C		
Westbound								
Northbound								
T	932	1863	0.35	0.50	15.4	B	15.4	B
Southbound								
T	932	1863	0.61	0.50	19.1	B	19.1	B

Intersection Delay = 19.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	133		302					310			850	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru						Thru	A			
	Right		A				Right				
	Peds						Peds				
WB	Left					SB	Left				
	Thru						Thru	A			
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green			30.0					60.0			
Yellow			3.0					3.0			
All Red			2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	542	1805	0.27	0.30	26.9	C	32.2	C
R	485	1615	0.68	0.30	34.5	C		
Westbound								
Northbound								
T	1118	1863	0.30	0.60	9.9	A	9.9	A
Southbound								
T	1118	1863	0.83	0.60	21.1	C	21.1	C

Intersection Delay = 21.9 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	371		531					577			595	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left			
Thru					Thru	A		
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	A		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		40.0				50.0		
Yellow		3.0				3.0		
All Red		2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.56	0.40	24.1	C		
							35.2	D
R	646	1615	0.89	0.40	42.8	D		
Westbound								
Northbound								
T	932	1863	0.67	0.50	20.8	C	20.8	C
Southbound								
T	932	1863	0.69	0.50	21.4	C	21.4	C

Intersection Delay = 27.2 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	260		490					330			547	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left			
Thru					Thru	A		
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	A		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		40.0				50.0		
Yellow		3.0				3.0		
All Red		2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.39	0.40	21.7	C		
							30.7	C
R	646	1615	0.83	0.40	35.5	D		
Westbound								
Northbound								
T	932	1863	0.39	0.50	15.7	B	15.7	B
Southbound								
T	932	1863	0.64	0.50	19.8	B	19.8	B

Intersection Delay = 24.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	133		316					319			852	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left			
Thru					Thru	A		
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	A		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		30.0				60.0		
Yellow		3.0				3.0		
All Red		2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	542	1805	0.27	0.30	26.9	C	33.2	C
R	485	1615	0.71	0.30	35.8	D		
Westbound								
Northbound								
T	1118	1863	0.31	0.60	10.0-	A	10.0-	A
Southbound								
T	1118	1863	0.83	0.60	21.2	C	21.2	C

Intersection Delay = 22.3 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	371		588					582			605	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left			
Thru					Thru	A		
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	A		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	40.0				50.0			
Yellow	3.0				3.0			
All Red	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.56	0.40	24.1	C	47.6	D
R	646	1615	0.99	0.40	62.4	E		
Westbound								
Northbound								
T	932	1863	0.68	0.50	20.9	C	20.9	C
Southbound								
T	932	1863	0.71	0.50	21.8	C	21.8	C

Intersection Delay = 33.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB5
E/W St: P.I.P. NORTHBOUND OFF RAMP

Inter.: THEILLS-MT IVY RD & PIP NB OFF
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: THIELLS-MT. IVY ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	260		530					336			554	
Lane Width	12.0		12.0					12.0			12.0	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left				
	Thru						Thru	A			
	Right		A				Right				
	Peds						Peds				
WB	Left					SB	Left				
	Thru						Thru	A			
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green			40.0						50.0		
Yellow			3.0						3.0		
All Red			2.0						2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	722	1805	0.39	0.40	21.7	C		
							35.7	D
R	646	1615	0.89	0.40	42.6	D		
Westbound								
Northbound								
T	932	1863	0.39	0.50	15.8	B	15.8	B
Southbound								
T	932	1863	0.65	0.50	20.0+	C	20.0+	C

Intersection Delay = 26.6 (sec/veh) Intersection LOS = C

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	185	900			205	25
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	201	978			222	27
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration		LT				TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				185		120
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				201		130
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	201						331	
C(m) (vph)	1317						148	
v/c	0.15						2.24	
95% queue length	0.54						27.40	
Control Delay	8.2						626.7	
LOS	A						F	
Approach Delay							626.7	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	185	495			165	5
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	201	538			179	5
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				120		115
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				130		124
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	201						254	
C(m) (vph)	1391						316	
v/c	0.14						0.80	
95% queue length	0.51						6.63	
Control Delay	8.0						50.2	
LOS	A						F	
Approach Delay							50.2	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	105	570			135	10
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	114	619			146	10
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				90		75
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				97		81
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	114						178	
C(m) (vph)	1424						373	
v/c	0.08						0.48	
95% queue length	0.26						2.49	
Control Delay	7.7						23.2	
LOS	A						C	
Approach Delay							23.2	
Approach LOS							C	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	196	1014			235	27
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	213	1102			255	29
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				196		127
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				213		138
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	213						351	
C(m) (vph)	1278						115	
v/c	0.17						3.05	
95% queue length	0.60						33.44	
Control Delay	8.4						1004	
LOS	A						F	
Approach Delay							1004	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	196	570			191	5
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	213	619			207	5
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				127		122
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				138		132
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	213						270	
C(m) (vph)	1358						266	
v/c	0.16						1.02	
95% queue length	0.56						10.32	
Control Delay	8.1						100.6	
LOS	A						F	
Approach Delay							100.6	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	111	644			156	11
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	120	699			169	11
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration		LT				TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				95		80
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				103		86
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	120						189	
C(m) (vph)	1396						324	
v/c	0.09						0.58	
95% queue length	0.28						3.48	
Control Delay	7.8						30.6	
LOS	A						D	
Approach Delay							30.6	
Approach LOS							D	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	198	1017			240	27
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	215	1105			260	29
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration		LT				TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				196		130
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				213		141
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	215						354	
C(m) (vph)	1273						114	
v/c	0.17						3.11	
95% queue length	0.61						33.91	
Control Delay	8.4						1028	
LOS	A						F	
Approach Delay							1028	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	205	711			209	5
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	222	772			227	5
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				127		131
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				138		142
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	222						280	
C(m) (vph)	1336						216	
v/c	0.17						1.30	
95% queue length	0.60						15.00	
Control Delay	8.2						207.4	
LOS	A						F	
Approach Delay							207.4	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	124	832			183	11
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	134	904			198	11
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration		LT				TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				95		92
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				103		99
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	134						202	
C(m) (vph)	1362						245	
v/c	0.10						0.82	
95% queue length	0.33						6.42	
Control Delay	7.9						63.9	
LOS	A						F	
Approach Delay							63.9	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	198	1072			243	27
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	215	1165			264	29
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration		LT				TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				196		130
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				213		141
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	215						354	
C(m) (vph)	1269						104	
v/c	0.17						3.40	
95% queue length	0.61						35.04	
Control Delay	8.4						1168	
LOS	A						F	
Approach Delay							1168	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	205	740			219	5
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	222	804			238	5
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT					TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				127		131
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				138		142
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	222						280	
C(m) (vph)	1323						203	
v/c	0.17						1.38	
95% queue length	0.60						16.13	
Control Delay	8.3						243.3	
LOS	A						F	
Approach Delay							243.3	
Approach LOS							F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: PIP SB ON/OFF RAMP & QUAKER RD
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB6
East/West Street: P.I.P. SOUTHBOUND ON/OFF RAMP
North/South Street: QUAKER ROAD
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	124	866			190	11
Peak-Hour Factor, PHF	0.92	0.92			0.92	0.92
Hourly Flow Rate, HFR	134	941			206	11
Percent Heavy Vehicles	2	--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes	0	1			1	0
Configuration		LT				TR
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume				95		92
Peak Hour Factor, PHF				0.92		0.92
Hourly Flow Rate, HFR				103		99
Percent Heavy Vehicles				0		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	LT						LR	
v (vph)	134						202	
C(m) (vph)	1353						232	
v/c	0.10						0.87	
95% queue length	0.33						7.03	
Control Delay	8.0						74.6	
LOS	A						F	
Approach Delay							74.6	
Approach LOS							F	

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	196	1014			235	27				196		127
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		50.0	10.0					25.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	741	1770	0.29	0.65	10.9	B		
T	1211	1863	0.91	0.65	25.3	C	23.0	C
Westbound								
TR	937	1874	0.30	0.50	14.9	B	14.9	B
Northbound								
Southbound								
LR	433	1733	0.81	0.25	46.4	D	46.4	D

Intersection Delay = 26.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	196	570			191	5				127		122
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	660	1770	0.32	0.55	16.3	B		
T	1025	1863	0.60	0.55	16.2	B	16.2	B
Westbound								
TR	758	1894	0.28	0.40	20.5	C	20.5	C
Northbound								
Southbound								
LR	600	1713	0.45	0.35	25.6	C	25.6	C

Intersection Delay = 18.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	111	644			156	11				95		80
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	686	1770	0.18	0.55	14.0	B		
T	1025	1863	0.68	0.55	18.1	B	17.5	B
Westbound								
TR	753	1883	0.24	0.40	20.1	C	20.1	C
Northbound								
Southbound								
LR	602	1720	0.32	0.35	24.1	C	24.1	C

Intersection Delay = 18.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	198	1017			240	27				196		130
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A	A			NB Left			
Thru	A	A			Thru			
Right					Right			
Peds					Peds			
WB Left					SB Left	A		
Thru	A				Thru			
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	50.0	10.0				25.0		
Yellow	3.0	3.0				3.0		
All Red	2.0	2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	737	1770	0.29	0.65	11.0	B		
T	1211	1863	0.91	0.65	25.6	C	23.2	C
Westbound								
TR	937	1874	0.31	0.50	15.0	B	15.0	B
Northbound								
Southbound								
LR	433	1732	0.82	0.25	47.0	D	47.0	D

Intersection Delay = 26.3 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	205	711			209	5				127		131
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A	A			NB Left			
Thru	A	A			Thru			
Right					Right			
Peds					Peds			
WB Left					SB Left	A		
Thru	A				Thru			
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	40.0	10.0				35.0		
Yellow	3.0	3.0				3.0		
All Red	2.0	2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	645	1770	0.35	0.55	17.0	B		
T	1025	1863	0.75	0.55	20.5	C	19.7	B
Westbound								
TR	758	1894	0.31	0.40	20.7	C	20.7	C
Northbound								
Southbound								
LR	598	1710	0.47	0.35	25.8	C	25.8	C

Intersection Delay = 21.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	124	832			183	11				95		92
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	662	1770	0.20	0.55	14.9	B		
T	1025	1863	0.88	0.55	28.8	C	27.0	C
Westbound								
TR	754	1885	0.28	0.40	20.5	C	20.5	C
Northbound								
Southbound								
LR	600	1713	0.34	0.35	24.3	C	24.3	C

Intersection Delay = 25.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	198	1072			243	27				196		130
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A	A			NB Left			
Thru	A	A			Thru			
Right					Right			
Peds					Peds			
WB Left					SB Left	A		
Thru	A				Thru			
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	50.0	10.0				25.0		
Yellow	3.0	3.0				3.0		
All Red	2.0	2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	735	1770	0.29	0.65	11.1	B		
T	1211	1863	0.96	0.65	33.8	C	30.3	C
Westbound								
TR	938	1875	0.31	0.50	15.0	B	15.0	B
Northbound								
Southbound								
LR	433	1732	0.82	0.25	47.0	D	47.0	D

Intersection Delay = 31.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	205	740			219	5				127		131
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	40.0	10.0				35.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	636	1770	0.35	0.55	17.4	B		
T	1025	1863	0.78	0.55	21.9	C	20.9	C
Westbound								
TR	758	1895	0.32	0.40	20.9	C	20.9	C
Northbound								
Southbound								
LR	598	1710	0.47	0.35	25.8	C	25.8	C

Intersection Delay = 21.8 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB6
E/W St: P.I.P. SOUTHBOUND ON/OFF RAMP

Inter.: PIP SB ON/OFF RAMP & QUAKER RD
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: QUAKER ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	0	0	0
LGConfig	L	T			TR						LR	
Volume	124	866			190	11				95		92
Lane Width	12.0	12.0			12.0						12.0	
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	655	1770	0.21	0.55	15.1	B		
T	1025	1863	0.92	0.55	33.2	C	30.9	C
Westbound								
TR	754	1886	0.29	0.40	20.6	C	20.6	C
Northbound								
Southbound								
LR	600	1713	0.34	0.35	24.3	C	24.3	C

Intersection Delay = 28.5 (sec/veh) Intersection LOS = C

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		530	20	30	720	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		576	21	32	782	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	10		25			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	10		27			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		32		37				
C(m) (vph)		980		301				
v/c		0.03		0.12				
95% queue length		0.10		0.42				
Control Delay		8.8		18.6				
LOS		A		C				
Approach Delay				18.6				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		795	5	20	690	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		836	5	21	726	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration			TR		LT	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	20		25			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	21		26			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		21		47				
C(m) (vph)		794		183				
v/c		0.03		0.26				
95% queue length		0.08		0.98				
Control Delay		9.7		31.3				
LOS		A		D				
Approach Delay				31.3				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		580	65	105	550	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		630	70	114	597	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	65		105			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	70		114			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		114		184				
C(m) (vph)		897		220				
v/c		0.13		0.84				
95% queue length		0.43		6.36				
Control Delay		9.6		71.2				
LOS		A		F				
Approach Delay				71.2				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		668	21	32	827	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		726	22	34	898	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	11		27			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	11		29			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		34		40				
C(m) (vph)		861		219				
v/c		0.04		0.18				
95% queue length		0.12		0.65				
Control Delay		9.4		25.1				
LOS		A		D				
Approach Delay				25.1				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		932	5	21	842	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		981	5	22	886	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration			TR	LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	21		27			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	22		28			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		22		50				
C(m) (vph)		701		127				
v/c		0.03		0.39				
95% queue length		0.10		1.66				
Control Delay		10.3		50.7				
LOS		B		F				
Approach Delay				50.7				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & SHOPPING CENTER
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB7
East/West Street: U.S. ROUTE 202
North/South Street: SHOPPING CENTER DRIVEWAY
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		682	69	111	660	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		741	74	120	717	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	69		111			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	74		120			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		120		194				
C(m) (vph)		812		161				
v/c		0.15		1.20				
95% queue length		0.52		10.84				
Control Delay		10.2		192.9				
LOS		B		F				
Approach Delay				192.9				
Approach LOS				F				

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB7
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & SHOPPING CENTER
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: SHOPPING CENTER/SITE ACCESS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1	1	0	1	0	1	1	1
LGConfig	L	TR		L	T	R		LTR		L	LT	R
Volume	69	561	21	32	790	63	11	0	27	117	1	96
Lane Width	12.0	12.0		12.0	12.0	12.0		15.0		12.0	12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A	A			NB Left	A		
Thru	A	A			Thru	A		
Right	A	A			Right	A		
Peds					Peds			
WB Left		P			SB Left	A		
Thru		A			Thru	A		
Right		A			Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right	A				WB Right	A		
Green	11.0	41.0				12.0	6.0	
Yellow	3.0	3.0				3.0	3.0	
All Red	2.0	2.0				2.0	2.0	

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	299	1770	0.25	0.63	17.0	B		
TR	2234	3527	0.28	0.63	1.1	A	2.8	A
Westbound								
L	350	768	0.10	0.46	14.5	B		
T	849	1863	1.01	0.46	44.7	D	40.8	D
R	1020	1583	0.07	0.64	6.0	A		
Northbound								
LTR	122	1827	0.34	0.07	41.7	D	41.7	D
Southbound								
L	236	1770	0.27	0.13	35.7	D		
LT	237	1775	0.27	0.13	35.7	D	31.8	C
R	405	1583	0.26	0.26	27.0	C		

Intersection Delay = 25.9 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB7
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & SHOPPING CENTER
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: SHOPPING CENTER/SITE ACCESS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1	1	0	1	0	1	1	1
LGConfig	L	TR		L	T	R		LTR		L	LT	R
Volume	258	830	5	21	699	236	21	0	27	383	1	286
Lane Width	12.0	12.0		12.0	12.0	12.0		15.0		12.0	12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left		A			NB	Left		A		
	Thru		A				Thru		A		
	Right		A				Right		A		
	Peds						Peds				
WB	Left		P			SB	Left	A			
	Thru		A				Thru	A			
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right	A			
Green		13.0	37.0					14.0	6.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	339	1770	0.83	0.61	32.1	C		
TR	2166	3544	0.42	0.61	1.3	A	8.6	A
Westbound								
L	241	587	0.10	0.41	17.0	B		
T	766	1863	0.99	0.41	44.6	D	34.9	C
R	985	1583	0.26	0.62	7.8	A		
Northbound								
LTR	124	1854	0.42	0.07	42.6	D	42.6	D
Southbound								
L	275	1770	0.76	0.16	47.8	D		
LT	276	1775	0.76	0.16	47.8	D	40.5	D
R	475	1583	0.65	0.30	30.7	C		

Intersection Delay = 26.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB7
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & SHOPPING CENTER
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: SHOPPING CENTER/SITE ACCESS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1	1	0	1	0	1	1	1
LGConfig	L	TR		L	T	R		LTR		L	LT	R
Volume	312	552	69	111	530	276	69	0	111	501	1	374
Lane Width	12.0	12.0		12.0	12.0	12.0		15.0		12.0	12.0	12.0
RTOR Vol			0			0			30			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left		A		
Thru	A	A			Thru		A		
Right	A	A			Right		A		
Peds					Peds				
WB Left		P			SB Left	A			
Thru		A			Thru	A			
Right		A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right	A				WB Right	A			
Green	14.5	28.5				16.5	10.5		
Yellow	3.0	3.0				3.0	3.0		
All Red	2.0	2.0				2.0	2.0		

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	368	1770	0.92	0.53	52.7	D		
TR	1860	3488	0.36	0.53	3.0	A	19.6	B
Westbound								
L	233	737	0.52	0.32	33.2	C		
T	590	1863	0.98	0.32	52.0	D	37.4	D
R	879	1583	0.34	0.56	11.2	B		
Northbound								
LTR	217	1857	0.75	0.12	52.1	D	52.1	D
Southbound								
L	325	1770	0.84	0.18	53.0	D		
LT	325	1774	0.84	0.18	53.0	D	43.9	D
R	545	1583	0.75	0.34	31.7	C		

Intersection Delay = 34.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB7
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & SHOPPING CENTER
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: SHOPPING CENTER/SITE ACCESS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1	1	0	1	0	1	1	1
LGConfig	L	TR		L	T	R		LTR		L	LT	R
Volume	69	653	21	32	814	63	11	0	27	117	1	96
Lane Width	12.0	12.0		12.0	12.0	12.0		15.0		12.0	12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left		A		
	Thru	A	A				Thru		A		
	Right	A	A				Right		A		
	Peds						Peds				
WB	Left		P			SB	Left	A			
	Thru		A				Thru	A			
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right	A			
Green		11.0	41.0					12.0	6.0		
Yellow		3.0	3.0					3.0	3.0		
All Red		2.0	2.0					2.0	2.0		

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	299	1770	0.25	0.63	17.0	B		
TR	2236	3530	0.33	0.63	1.1	A	2.6	A
Westbound								
L	317	696	0.11	0.46	14.7	B		
T	849	1863	1.04	0.46	53.3	D	48.7	D
R	1020	1583	0.07	0.64	6.0	A		
Northbound								
LTR	122	1827	0.34	0.07	41.7	D	41.7	D
Southbound								
L	236	1770	0.27	0.13	35.7	D		
LT	237	1775	0.27	0.13	35.7	D	31.8	C
R	405	1583	0.26	0.26	27.0	C		

Intersection Delay = 28.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB7
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & SHOPPING CENTER
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: SHOPPING CENTER/SITE ACCESS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1	1	0	1	0	1	1	1
LGConfig	L	TR		L	T	R		LTR		L	LT	R
Volume	258	878	5	21	795	236	21	0	27	383	1	286
Lane Width	12.0	12.0		12.0	12.0	12.0		15.0		12.0	12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left		A		
Thru	A	A			Thru		A		
Right	A	A			Right		A		
Peds					Peds				
WB Left		P			SB Left	A			
Thru		A			Thru	A			
Right		A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right	A				WB Right	A			
Green	11.5	39.0				13.5	6.0		
Yellow	3.0	3.0				3.0	3.0		
All Red	2.0	2.0				2.0	2.0		

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	309	1770	0.91	0.62	54.9	D		
TR	2185	3544	0.44	0.62	1.3	A	13.4	B
Westbound								
L	241	557	0.10	0.43	15.9	B		
T	807	1863	1.07	0.43	64.8	E	50.9	D
R	1011	1583	0.25	0.64	7.1	A		
Northbound								
LTR	124	1854	0.42	0.07	42.6	D	42.6	D
Southbound								
L	266	1770	0.78	0.15	50.8	D		
LT	266	1775	0.79	0.15	51.2	D	43.9	D
R	440	1583	0.71	0.28	34.4	C		

Intersection Delay = 34.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB7
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & SHOPPING CENTER
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: SHOPPING CENTER/SITE ACCESS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1	1	0	1	0	1	1	1
LGConfig	L	TR		L	T	R		LTR		L	LT	R
Volume	312	610	69	111	598	276	69	0	111	501	1	374
Lane Width	12.0	12.0		12.0	12.0	12.0		15.0		12.0	12.0	12.0
RTOR Vol			0			0			30			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left		A		
Thru	A	A			Thru		A		
Right	A	A			Right		A		
Peds					Peds				
WB Left		P			SB Left	A			
Thru		A			Thru	A			
Right		A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right	A				WB Right	A			
Green	14.5	29.5				15.5	10.5		
Yellow	3.0	3.0				3.0	3.0		
All Red	2.0	2.0				2.0	2.0		

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	368	1770	0.92	0.54	53.0	D		
TR	1902	3493	0.39	0.54	2.5	A	18.4	B
Westbound								
L	227	693	0.53	0.33	33.3	C		
T	611	1863	1.06	0.33	75.0	E	52.4	D
R	879	1583	0.34	0.56	11.2	B		
Northbound								
LTR	217	1857	0.75	0.12	52.1	D	52.1	D
Southbound								
L	305	1770	0.90	0.17	63.3	E		
LT	306	1774	0.89	0.17	62.7	E	50.5	D
R	528	1583	0.77	0.33	33.8	C		

Intersection Delay = 40.6 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		485	55	60	670		25		35			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	A		
Thru	A				Thru			
Right	A				Right	A		
Peds					Peds			
WB Left	A	A			SB Left			
Thru	A	A			Thru			
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	55.0	10.0				20.0		
Yellow	3.0	3.0				3.0		
All Red	2.0	2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1010	1837	0.58	0.55	15.7	B	15.7	B
Westbound								
L	615	1770	0.11	0.70	10.0+	B		
T	1304	1863	0.56	0.70	7.9	A	8.1	A
Northbound								
L	354	1770	0.08	0.20	32.6	C		
R	317	1583	0.12	0.20	33.0	C	32.8	C
Southbound								

Intersection Delay = 12.3 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		630	100	195	515		130		75			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left					NB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		57.0	8.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1042	1828	0.74	0.57	18.7	B	18.7	B
Westbound								
L	517	1770	0.40	0.70	15.4	B		
T	1304	1863	0.42	0.70	6.6	A	9.0	A
Northbound								
L	354	1770	0.39	0.20	35.4	D		
R	317	1583	0.25	0.20	34.1	C	34.9	C
Southbound								

Intersection Delay = 16.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		485	110	150	465		90		70			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left					NB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		55.0	10.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	999	1816	0.65	0.55	17.2	B	17.2	B
Westbound								
L	585	1770	0.28	0.70	12.6	B		
T	1304	1863	0.39	0.70	6.4	A	7.9	A
Northbound								
L	354	1770	0.28	0.20	34.3	C		
R	317	1583	0.24	0.20	34.0	C	34.2	C
Southbound								

Intersection Delay = 15.0 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		620	58	64	774		27		37			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left					NB	Left	A			
	Thru	A					Thru				
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		55.0	10.0					20.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1013	1841	0.73	0.55	19.5	B	19.5	B
Westbound								
L	545	1770	0.13	0.70	11.9	B		
T	1304	1863	0.64	0.70	9.3	A	9.5	A
Northbound								
L	354	1770	0.08	0.20	32.6	C		
R	317	1583	0.13	0.20	33.0	C	32.9	C
Southbound								

Intersection Delay = 14.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		757	106	207	657		138		80			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	57.0	8.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1044	1832	0.87	0.57	26.5	C	26.5	C
Westbound								
L	464	1770	0.47	0.70	19.1	B		
T	1304	1863	0.53	0.70	7.6	A	10.3	B
Northbound								
L	354	1770	0.41	0.20	35.6	D		
R	317	1583	0.26	0.20	34.2	C	35.1	D
Southbound								

Intersection Delay = 20.3 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		581	117	159	570		95		74			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	55.0	10.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1002	1821	0.76	0.55	20.7	C	20.7	C
Westbound								
L	536	1770	0.32	0.70	14.8	B		
T	1304	1863	0.48	0.70	7.0	A	8.7	A
Northbound								
L	354	1770	0.29	0.20	34.4	C		
R	317	1583	0.25	0.20	34.1	C	34.3	C
Southbound								

Intersection Delay = 16.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		580	58	65	817		27		40			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	A		
Thru	A				Thru			
Right	A				Right	A		
Peds					Peds			
WB Left	A	A			SB Left			
Thru	A	A			Thru			
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	55.0	10.0				20.0		
Yellow	3.0	3.0				3.0		
All Red	2.0	2.0				2.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1012	1840	0.68	0.55	4.9	A	4.9	A
Westbound								
L	677	1770	0.10	0.70	5.0	A		
T	1304	1863	0.68	0.70	2.9	A	3.1	A
Northbound								
L	354	1770	0.08	0.20	32.6	C		
R	317	1583	0.14	0.20	33.1	C	32.9	C
Southbound								

Intersection Delay = 5.1 (sec/veh) Intersection LOS = A

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		903	106	216	736		138		89			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	57.0	8.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1047	1836	1.02	0.57	34.9	C	34.9	C
Westbound								
L	532	1770	0.43	0.70	8.4	A		
T	1304	1863	0.59	0.70	2.0	A	3.5	A
Northbound								
L	354	1770	0.41	0.20	35.6	D		
							35.2	D
R	317	1583	0.30	0.20	34.5	C		
Southbound								

Intersection Delay = 21.3 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		750	117	171	729		95		86			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	55.0	10.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1006	1829	0.94	0.55	19.3	B	19.3	B
Westbound								
L	592	1770	0.31	0.70	6.9	A		
T	1304	1863	0.61	0.70	2.1	A	3.0	A
Northbound								
L	354	1770	0.29	0.20	34.4	C		
							34.5	C
R	317	1583	0.29	0.20	34.5	C		
Southbound								

Intersection Delay = 13.2 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		672	58	65	841		27		40			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left					NB	Left	A			
Thru	A					Thru				
Right	A					Right	A			
Peds						Peds				
WB Left	A	A			SB	Left				
Thru	A	A				Thru				
Right						Right				
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	55.0	10.0					20.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1014	1843	0.78	0.55	7.3	A	7.3	A
Westbound								
L	641	1770	0.11	0.70	5.1	A		
T	1304	1863	0.70	0.70	3.2	A	3.3	A
Northbound								
L	354	1770	0.08	0.20	32.6	C		
R	317	1583	0.14	0.20	33.1	C	32.9	C
Southbound								

Intersection Delay = 6.2 (sec/veh) Intersection LOS = A

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		951	106	216	832		138		89			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	57.0	8.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1047	1837	1.06	0.57	51.5	D	51.5	D
Westbound								
L	517	1770	0.44	0.70	8.8	A		
T	1304	1863	0.67	0.70	2.8	A	4.0	A
Northbound								
L	354	1770	0.41	0.20	35.6	D		
							35.2	D
R	317	1583	0.30	0.20	34.5	C		
Southbound								

Intersection Delay = 28.6 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB8
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & PACESETTER SHOPPI
Area Type: All other areas
Jurisd:
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: PACESETTER SHOPPING CENTER WB

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	1	1	0	1	0	1	0	0	0
LGConfig		TR		L	T		L		R			
Volume		808	117	171	797		95		86			
Lane Width		12.0		12.0	12.0		12.0		12.0			
RTOR Vol			0						0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left					NB Left	A			
Thru	A				Thru				
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	55.0	10.0				20.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
TR	1007	1831	1.00	0.55	32.0	C	32.0	C
Westbound								
L	573	1770	0.32	0.70	7.1	A		
T	1304	1863	0.66	0.70	2.7	A	3.5	A
Northbound								
L	354	1770	0.29	0.20	34.4	C		
							34.5	C
R	317	1583	0.29	0.20	34.5	C		
Southbound								

Intersection Delay = 18.9 (sec/veh) Intersection LOS = B

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		515	40	110	690	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		559	43	119	749	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	60		75			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	65		81			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		119		146				
C(m) (vph)		975		191				
v/c		0.12		0.76				
95% queue length		0.42		5.10				
Control Delay		9.2		67.2				
LOS		A		F				
Approach Delay				67.2				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		795	25	30	690	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		836	26	31	726	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	20		35			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	21		36			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		31		57				
C(m) (vph)		780		193				
v/c		0.04		0.30				
95% queue length		0.12		1.18				
Control Delay		9.8		31.3				
LOS		A		D				
Approach Delay				31.3				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		640	45	25	630	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		695	48	27	684	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	25		30			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	27		32			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		27		59				
C(m) (vph)		864		219				
v/c		0.03		0.27				
95% queue length		0.10		1.05				
Control Delay		9.3		27.4				
LOS		A		D				
Approach Delay				27.4				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		652	42	117	795	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		708	45	127	864	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	64		80			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	69		86			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		127		155				
C(m) (vph)		857		130				
v/c		0.15		1.19				
95% queue length		0.52		9.34				
Control Delay		9.9		205.3				
LOS		A		F				
Approach Delay				205.3				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		932	27	32	842	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		981	28	33	886	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	21		37			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	22		38			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		33		60				
C(m) (vph)		687		133				
v/c		0.05		0.45				
95% queue length		0.15		2.02				
Control Delay		10.5		52.6				
LOS		B		F				
Approach Delay				52.6				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: U.S. ROUTE 202 & RAMAPO PLAZA
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		745	48	27	745	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		809	52	29	809	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	0	1	
Configuration		TR		LT		
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	27		32			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	29		34			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No	/		/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		LT		LR				
v (vph)		29		63				
C(m) (vph)		781		161				
v/c		0.04		0.39				
95% queue length		0.12		1.69				
Control Delay		9.8		41.1				
LOS		A		E				
Approach Delay				41.1				
Approach LOS				E				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		662	42	117	807	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		719	45	127	877	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0	1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	64		80			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	69		86			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		127		155				
C(m) (vph)		849		199				
v/c		0.15		0.78				
95% queue length		0.52		5.35				
Control Delay		10.0-		67.2				
LOS		A		F				
Approach Delay				67.2				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1213	27	32	882	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		1276	28	33	928	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1 0		1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	21		37			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	22		38			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		33		60				
C(m) (vph)		531		143				
v/c		0.06		0.42				
95% queue length		0.20		1.84				
Control Delay		12.2		47.3				
LOS		B		E				
Approach Delay				47.3				
Approach LOS				E				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1117	48	27	819	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		1214	52	29	890	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	27		32			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	29		34			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		29		63				
C(m) (vph)		549		141				
v/c		0.05		0.45				
95% queue length		0.17		2.01				
Control Delay		11.9		49.7				
LOS		B		E				
Approach Delay				49.7				
Approach LOS				E				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		754	42	117	831	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		819	45	127	903	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	64		80			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	69		86			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		127		155				
C(m) (vph)		779		171				
v/c		0.16		0.91				
95% queue length		0.58		6.69				
Control Delay		10.5		100.0				
LOS		B		F				
Approach Delay				100.0				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1261	27	32	978	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		1327	28	33	1029	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	21		37			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	22		38			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		33		60				
C(m) (vph)		508		125				
v/c		0.06		0.48				
95% queue length		0.21		2.18				
Control Delay		12.6		57.9				
LOS		B		F				
Approach Delay				57.9				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB9
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1175	48	27	887	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		1277	52	29	964	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes		1	0	1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	27		32			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	29		34			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		29		63				
C(m) (vph)		519		123				
v/c		0.06		0.51				
95% queue length		0.18		2.39				
Control Delay		12.3		61.6				
LOS		B		F				
Approach Delay				61.6				
Approach LOS				F				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB9 (WITH IMPROVEMENTS)
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		662	42	117	807	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		719	45	127	877	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	TWLTL			/ 1		
RT Channelized?						
Lanes		1	0	1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	64		80			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	69		86			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		127		155				
C(m) (vph)		849		349				
v/c		0.15		0.44				
95% queue length		0.52		2.20				
Control Delay		10.0-		23.3				
LOS		A		C				
Approach Delay				23.3				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB9 (WITH IMPROVEMENTS)
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1213	27	32	882	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		1276	28	33	928	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	TWLTL			/ 1		
RT Channelized?						
Lanes		1 0		1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	21		37			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	22		38			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		33		60				
C(m) (vph)		531		257				
v/c		0.06		0.23				
95% queue length		0.20		0.88				
Control Delay		12.2		23.2				
LOS		B		C				
Approach Delay				23.2				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB9 (WITH IMPROVEMENTS)
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1117	48	27	819	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		1214	52	29	890	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	TWLTL			/ 1		
RT Channelized?						
Lanes		1 0		1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	27		32			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	29		34			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage		No	/			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		29		63				
C(m) (vph)		549		265				
v/c		0.05		0.24				
95% queue length		0.17		0.90				
Control Delay		11.9		22.8				
LOS		B		C				
Approach Delay				22.8				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB9 (WITH IMPROVEMENTS)
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		754	42	117	831	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		819	45	127	903	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	TWLTL			/ 1		
RT Channelized?						
Lanes		1 0		1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	64		80			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	69		86			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		127		155				
C(m) (vph)		779		321				
v/c		0.16		0.48				
95% queue length		0.58		2.50				
Control Delay		10.5		26.3				
LOS		B		D				
Approach Delay				26.3				
Approach LOS				D				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB9 (WITH IMPROVEMENTS)
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1261	27	32	978	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		1327	28	33	1029	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	TWLTL			/ 1		
RT Channelized?						
Lanes		1 0		1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	21		37			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	22		38			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		33		60				
C(m) (vph)		508		240				
v/c		0.06		0.25				
95% queue length		0.21		0.96				
Control Delay		12.6		24.9				
LOS		B		C				
Approach Delay				24.9				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & RAMAPO PLAZA/SITE
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB9 (WITH IMPROVEMENTS)
East/West Street: U.S. ROUTE 202
North/South Street: RAMAPO PLAZA/SITE ACCESS
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1175	48	27	887	
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR		1277	52	29	964	
Percent Heavy Vehicles		--	--	2	--	--
Median Type/Storage	TWLTL			/ 1		
RT Channelized?						
Lanes		1 0		1	1	
Configuration		TR		L	T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	27		32			
Peak Hour Factor, PHF	0.92		0.92			
Hourly Flow Rate, HFR	29		34			
Percent Heavy Vehicles	2		2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			No /			/
Lanes	0		0			
Configuration		LR				

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config		L		LR				
v (vph)		29		63				
C(m) (vph)		519		247				
v/c		0.06		0.26				
95% queue length		0.18		0.98				
Control Delay		12.3		24.5				
LOS		B		C				
Approach Delay				24.5				
Approach LOS				C				

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	25	495			920	20				35		115
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	432	1770	0.06	0.78	5.0	A		
T	1449	1863	0.37	0.78	3.3	A	3.4	A
Westbound								
TR	1135	1857	0.90	0.61	25.1	C	25.1	C
Northbound								
Southbound								
L	197	1770	0.19	0.11	36.8	D		
							28.4	C
R	440	1583	0.28	0.28	25.8	C		

Intersection Delay = 18.4 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	110	1105			650	25				15		40
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru		A			Thru				
Right		A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right	A				WB Right				
Green	10.0	55.0				10.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	555	1770	0.21	0.78	4.3	A		
T	1449	1863	0.80	0.78	9.3	A	8.8	A
Westbound								
TR	1133	1854	0.63	0.61	12.1	B	12.1	B
Northbound								
Southbound								
L	197	1770	0.08	0.11	36.1	D		
							27.5	C
R	440	1583	0.10	0.28	24.2	C		

Intersection Delay = 10.5 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX10
E/W St: U.S. ROUTE 202

Inter.: \U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	50	665			700	15				15		70
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	524	1770	0.10	0.78	4.2	A		
T	1449	1863	0.50	0.78	3.9	A	3.9	A
Westbound								
TR	1135	1858	0.68	0.61	13.4	B	13.4	B
Northbound								
Southbound								
L	197	1770	0.08	0.11	36.1	D		
							26.8	C
R	440	1583	0.17	0.28	24.8	C		

Intersection Delay = 9.7 (sec/veh) Intersection LOS = A

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	27	554			1003	21				37		122
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	405	1770	0.07	0.78	5.4	A		
T	1449	1863	0.42	0.78	3.5	A	3.6	A
Westbound								
TR	1135	1858	0.98	0.61	39.0	D	39.0	D
Northbound								
Southbound								
L	197	1770	0.20	0.11	36.9	D		
							28.5	C
R	440	1583	0.30	0.28	26.0	C		

Intersection Delay = 26.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	117	1202			720	27				16		42
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru		A			Thru				
Right		A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right	A				WB Right				
Green	10.0	55.0				10.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	520	1770	0.24	0.78	4.7	A		
T	1449	1863	0.87	0.78	13.1	B	12.4	B
Westbound								
TR	1133	1854	0.69	0.61	13.7	B	13.7	B
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							27.5	C
R	440	1583	0.10	0.28	24.2	C		

Intersection Delay = 13.2 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	53	726			764	16				16		74
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	495	1770	0.12	0.78	4.5	A		
T	1449	1863	0.54	0.78	4.3	A	4.3	A
Westbound								
TR	1135	1858	0.75	0.61	15.3	B	15.3	B
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							26.9	C
R	440	1583	0.18	0.28	24.9	C		

Intersection Delay = 10.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	27	565			1021	21				37		122
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru		A			Thru				
Right		A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right	A				WB Right				
Green	10.0	55.0				10.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	400	1770	0.07	0.78	5.5	A		
T	1449	1863	0.42	0.78	3.5	A	3.6	A
Westbound								
TR	1135	1858	1.00	0.61	43.7	D	43.7	D
Northbound								
Southbound								
L	197	1770	0.20	0.11	36.9	D		
							28.5	C
R	440	1583	0.30	0.28	26.0	C		

Intersection Delay = 29.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	117	1273			789	27				16		42
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	490	1770	0.25	0.78	5.1	A		
T	1449	1863	0.92	0.78	18.2	B	17.1	B
Westbound								
TR	1134	1855	0.76	0.61	15.7	B	15.7	B
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							27.5	C
R	440	1583	0.10	0.28	24.2	C		

Intersection Delay = 16.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	53	818			855	16				16		74
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru		A			Thru				
Right		A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right	A				WB Right				
Green	10.0	55.0				10.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	458	1770	0.13	0.78	4.9	A		
T	1449	1863	0.61	0.78	5.0	A	5.0	A
Westbound								
TR	1135	1858	0.83	0.61	19.3	B	19.3	B
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							26.9	C
R	440	1583	0.18	0.28	24.9	C		

Intersection Delay = 12.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	27	575			1024	21				37		122
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	398	1770	0.07	0.78	5.5	A		
T	1449	1863	0.43	0.78	3.6	A	3.6	A
Westbound								
TR	1135	1858	1.00	0.61	44.4	D	44.4	D
Northbound								
Southbound								
L	197	1770	0.20	0.11	36.9	D		
							28.5	C
R	440	1583	0.30	0.28	26.0	C		

Intersection Delay = 29.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	117	1277			799	27				16		42
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left				
	Thru	A	A				Thru				
	Right						Right				
	Peds						Peds				
WB	Left					SB	Left	A			
	Thru		A				Thru				
	Right		A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right	A				WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	486	1770	0.25	0.78	5.1	A		
T	1449	1863	0.93	0.78	18.6	B	17.5	B
Westbound								
TR	1134	1855	0.77	0.61	16.0	B	16.0	B
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							27.5	C
R	440	1583	0.10	0.28	24.2	C		

Intersection Delay = 17.2 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB10
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & MARTINO WAY
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: MARTINO WAY

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	1	0	0	0	0	1	0	1
LGConfig	L	T			TR					L		R
Volume	53	824			862	16				16		74
Lane Width	12.0	12.0			12.0					12.0		12.0
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left				
Thru	A	A			Thru				
Right					Right				
Peds					Peds				
WB Left					SB Left	A			
Thru		A			Thru				
Right		A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right	A				WB Right				
Green	10.0	55.0				10.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	455	1770	0.13	0.78	5.0	A		
T	1449	1863	0.62	0.78	5.1	A	5.1	A
Westbound								
TR	1135	1858	0.84	0.61	19.8	B	19.8	B
Northbound								
Southbound								
L	197	1770	0.09	0.11	36.1	D		
							26.9	C
R	440	1583	0.18	0.28	24.9	C		

Intersection Delay = 13.1 (sec/veh) Intersection LOS = B

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		515	5		730	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		559	5		793	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			35			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			38			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					38			
C(m) (vph)					526			
v/c					0.07			
95% queue length					0.23			
Control Delay					12.4			
LOS					B			
Approach Delay				12.4				
Approach LOS				B				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		700	5		710	
Peak-Hour Factor, PHF		0.95	0.95		0.95	
Hourly Flow Rate, HFR		736	5		747	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			100			
Peak Hour Factor, PHF			0.95			
Hourly Flow Rate, HFR			105			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					105			
C(m) (vph)					418			
v/c					0.25			
95% queue length					0.98			
Control Delay					16.5			
LOS					C			
Approach Delay				16.5				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		550	5		615	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		597	5		668	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			95			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			103			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					103			
C(m) (vph)					501			
v/c					0.21			
95% queue length					0.76			
Control Delay					14.0			
LOS					B			
Approach Delay				14.0				
Approach LOS				B				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540AMNB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		652	5		838	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		708	5		910	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			37			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			40			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					40			
C(m) (vph)					434			
v/c					0.09			
95% queue length					0.30			
Control Delay					14.1			
LOS					B			
Approach Delay				14.1				
Approach LOS				B				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540PMNB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		831	5		864	
Peak-Hour Factor, PHF		0.95	0.95		0.95	
Hourly Flow Rate, HFR		874	5		909	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			106			
Peak Hour Factor, PHF			0.95			
Hourly Flow Rate, HFR			111			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					111			
C(m) (vph)					348			
v/c					0.32			
95% queue length					1.34			
Control Delay					20.1			
LOS					C			
Approach Delay				20.1				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 NO-BUILD TRAFFIC VOLUMES
Project ID: 1540SATNB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		650	5		729	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		706	5		792	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			101			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			109			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					109			
C(m) (vph)					435			
v/c					0.25			
95% queue length					0.98			
Control Delay					16.0			
LOS					C			
Approach Delay				16.0				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		614	5		882	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		667	5		958	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			37			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			40			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					40			
C(m) (vph)					457			
v/c					0.09			
95% queue length					0.29			
Control Delay					13.6			
LOS					B			
Approach Delay				13.6				
Approach LOS				B				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		987	5		952	
Peak-Hour Factor, PHF		0.95	0.95		0.95	
Hourly Flow Rate, HFR		1038	5		1002	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			106			
Peak Hour Factor, PHF			0.95			
Hourly Flow Rate, HFR			111			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					111			
C(m) (vph)					323			
v/c					0.34			
95% queue length					1.49			
Control Delay					21.9			
LOS					C			
Approach Delay				21.9				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		832	5		901	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		904	5		979	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			101			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			109			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					109			
C(m) (vph)					334			
v/c					0.33			
95% queue length					1.39			
Control Delay					20.9			
LOS					C			
Approach Delay				20.9				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		706	5		906	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		767	5		984	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			37			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			40			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					40			
C(m) (vph)					401			
v/c					0.10			
95% queue length					0.33			
Control Delay					15.0-			
LOS					B			
Approach Delay				15.0-				
Approach LOS				B				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		1035	5		1048	
Peak-Hour Factor, PHF		0.95	0.95		0.95	
Hourly Flow Rate, HFR		1089	5		1103	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			106			
Peak Hour Factor, PHF			0.95			
Hourly Flow Rate, HFR			111			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					111			
C(m) (vph)					304			
v/c					0.37			
95% queue length					1.62			
Control Delay					23.5			
LOS					C			
Approach Delay				23.5				
Approach LOS				C				

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: US RTE 202 & PACESETTER SHOPPI
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB11
East/West Street: U.S. ROUTE 202
North/South Street: PACESETTER SHOPPING CENTER EB
Intersection Orientation: EW Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Eastbound			Westbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume		890	5		969	
Peak-Hour Factor, PHF		0.92	0.92		0.92	
Hourly Flow Rate, HFR		967	5		1053	
Percent Heavy Vehicles		--	--		--	--
Median Type/Storage	Undivided		/			
RT Channelized?						
Lanes		1	0		1	
Configuration			TR		T	
Upstream Signal?		No			No	

Minor Street: Approach	Northbound			Southbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume			101			
Peak Hour Factor, PHF			0.92			
Hourly Flow Rate, HFR			109			
Percent Heavy Vehicles			2			
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage			/			/
Lanes			1			
Configuration			R			

Delay, Queue Length, and Level of Service

Approach	EB	WB	Northbound			Southbound		
Movement	1	4	7	8	9	10	11	12
Lane Config					R			
v (vph)					109			
C(m) (vph)					307			
v/c					0.36			
95% queue length					1.55			
Control Delay					23.0			
LOS					C			
Approach Delay				23.0				
Approach LOS				C				

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	305	15	130	590	10	10	15	90	10	40	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
WB Left	A	A			SB Left A			
Thru	A	A			Thru A			
Right	A	A			Right A			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	40.0	10.0			35.0			
Yellow	3.0	3.0			3.0			
All Red	2.0	2.0			2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	119	297	0.05	0.40	18.5	B		
TR	739	1847	0.50	0.40	23.0	C	22.9	C
Westbound								
L	548	1719	0.27	0.55	18.4	B		
TR	1021	1856	0.67	0.55	17.9	B	18.0	B
Northbound								
LTR	552	1578	0.24	0.35	23.3	C	23.3	C
Southbound								
LTR	570	1630	0.11	0.35	22.1	C	22.1	C

Intersection Delay = 20.0- (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	450	10	150	320	15	20	35	125	15	20	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	45.0	10.0				30.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	382	849	0.01	0.45	15.2	B		
TR	835	1855	0.58	0.45	21.5	C	21.4	C
Westbound								
L	520	1719	0.30	0.60	19.0	B		
TR	1106	1844	0.32	0.60	10.1	B	12.8	B
Northbound								
LTR	473	1578	0.40	0.30	28.4	C	28.4	C
Southbound								
LTR	450	1500	0.09	0.30	25.3	C	25.3	C

Intersection Delay = 19.1 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: SATURDAY PEAK HOUR
Project ID: 1540SATEX12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	35	325	5	70	320	65	15	30	100	25	15	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A				NB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
WB Left	A	A			SB	Left	A			
Thru	A	A				Thru	A			
Right	A	A				Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	40.0	10.0					35.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	303	757	0.12	0.40	19.1	B		
TR	743	1858	0.47	0.40	22.6	C	22.3	C
Westbound								
L	565	1719	0.13	0.55	16.0	B		
TR	994	1807	0.41	0.55	13.3	B	13.7	B
Northbound								
LTR	561	1602	0.27	0.35	23.6	C	23.6	C
Southbound								
LTR	521	1490	0.09	0.35	21.9	C	21.9	C

Intersection Delay = 18.6 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	379	17	160	646	18	12	65	154	13	56	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	40.0	10.0				35.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	77	192	0.08	0.40	19.0	B		
TR	739	1848	0.62	0.40	25.5	C	25.4	C
Westbound								
L	481	1719	0.38	0.55	23.4	C		
TR	1018	1851	0.75	0.55	20.4	C	21.0	C
Northbound								
LTR	561	1603	0.47	0.35	26.0	C	26.0	C
Southbound								
LTR	559	1596	0.15	0.35	22.4	C	22.4	C

Intersection Delay = 23.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR		LTR			LTR		
Volume	5	511	12	220	398	18	22	51	167	23	70	5
Lane Width	12.0	12.0		12.0	12.0		12.0			12.0		
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	45.0	10.0				30.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	326	725	0.02	0.45	15.2	B		
TR	835	1855	0.66	0.45	23.5	C	23.4	C
Westbound								
L	471	1719	0.49	0.60	25.2	C		
TR	1106	1844	0.40	0.60	10.7	B	15.7	B
Northbound								
LTR	473	1575	0.53	0.30	30.4	C	30.4	C
Southbound								
LTR	462	1541	0.22	0.30	26.5	C	26.5	C

Intersection Delay = 21.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: SATURDAY PEAK HOUR
Project ID: 1540SATNB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	37	383	2	108	382	69	16	32	135	27	16	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	40.0	10.0				35.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	257	642	0.15	0.40	19.4	B		
TR	744	1861	0.54	0.40	23.8	C	23.5	C
Westbound								
L	520	1719	0.22	0.55	19.0	B		
TR	997	1812	0.48	0.55	14.1	B	15.0	B
Northbound								
LTR	558	1595	0.35	0.35	24.4	C	24.4	C
Southbound								
LTR	510	1457	0.10	0.35	22.0	C	22.0	C

Intersection Delay = 19.6 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (W/O PATICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	354	17	168	663	19	12	65	122	15	56	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A				NB	Left	A			
	Thru	A					Thru	A			
	Right	A					Right	A			
	Peds						Peds				
WB	Left	A	A			SB	Left	A			
	Thru	A	A				Thru	A			
	Right	A	A				Right	A			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		40.0	10.0					35.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	72	173	0.08	0.40	19.1	B		
TR	739	1847	0.58	0.40	24.5	C	24.5	C
Westbound								
L	503	1719	0.38	0.55	22.2	C		
TR	1018	1851	0.77	0.55	21.2	C	21.4	C
Northbound								
LTR	563	1609	0.41	0.35	25.1	C	25.1	C
Southbound								
LTR	556	1589	0.16	0.35	22.5	C	22.5	C

Intersection Delay = 22.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	566	12	216	420	27	22	51	193	32	70	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	45.0	10.0				30.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	306	680	0.02	0.45	15.3	B		
TR	835	1856	0.73	0.45	25.8	C	25.7	C
Westbound								
L	430	1719	0.53	0.60	29.1	C		
TR	1103	1838	0.43	0.60	11.0	B	16.9	B
Northbound								
LTR	472	1572	0.59	0.30	31.8	C	31.8	C
Southbound								
LTR	443	1476	0.26	0.30	26.8	C	26.8	C

Intersection Delay = 23.2 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: SATURDAY PEAK HOUR
Project ID: 1540SATB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	37	444	2	132	439	81	16	32	163	39	16	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	40.0	10.0				35.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	211	527	0.18	0.40	19.9	B		
TR	744	1861	0.63	0.40	25.8	C	25.3	C
Westbound								
L	471	1719	0.30	0.55	22.5	C		
TR	996	1811	0.55	0.55	15.2	B	16.6	B
Northbound								
LTR	556	1590	0.40	0.35	25.1	C	25.1	C
Southbound								
LTR	474	1354	0.13	0.35	22.3	C	22.3	C

Intersection Delay = 21.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	400	17	180	675	19	12	65	168	15	56	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	40.0	10.0				35.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	72	173	0.08	0.40	19.1	B		
TR	740	1849	0.65	0.40	26.3	C	26.2	C
Westbound								
L	463	1719	0.45	0.55	25.6	C		
TR	1018	1851	0.78	0.55	21.9	C	22.7	C
Northbound								
LTR	560	1601	0.50	0.35	26.4	C	26.4	C
Southbound								
LTR	552	1576	0.16	0.35	22.5	C	22.5	C

Intersection Delay = 24.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	5	590	12	264	468	27	22	51	217	32	70	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	45.0	10.0				30.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	274	609	0.02	0.45	15.3	B		
TR	835	1856	0.76	0.45	27.1	C	27.0	C
Westbound								
L	412	1719	0.67	0.60	35.7	D		
TR	1104	1840	0.47	0.60	11.5	B	19.9	B
Northbound								
LTR	472	1572	0.65	0.30	33.5	C	33.5	C
Southbound								
LTR	434	1447	0.26	0.30	26.9	C	26.9	C

Intersection Delay = 25.0 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: SATURDAY PEAK HOUR
Project ID: 1540SATB12
E/W St: U.S. ROUTE 202

Inter.: U.S. ROUTE 202 & NYS ROUTE 306
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 306

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	0	0	1	0
LGConfig	L	TR		L	TR			LTR			LTR	
Volume	37	473	2	166	473	81	16	32	192	39	16	5
Lane Width	12.0	12.0		12.0	12.0			12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A	A			SB Left	A			
Thru	A	A			Thru	A			
Right	A	A			Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	40.0	10.0				35.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	189	472	0.21	0.40	20.2	C		
TR	744	1861	0.67	0.40	27.0	C	26.5	C
Westbound								
L	448	1719	0.39	0.55	25.5	C		
TR	998	1814	0.58	0.55	15.8	B	18.0	B
Northbound								
LTR	555	1587	0.46	0.35	25.7	C	25.7	C
Southbound								
LTR	467	1334	0.13	0.35	22.3	C	22.3	C

Intersection Delay = 22.2 (sec/veh) Intersection LOS = C

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: OCTOBER 2008
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540AMEX13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	325	55	10	608	0
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	353	59	10	660	0
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	205	5	40	0	0	10
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	222	5	43	0	0	10
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage		No /			No /	
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	10		270			10	
C(m) (vph)	928	1147		200			446	
v/c	0.01	0.01		1.35			0.02	
95% queue length	0.02	0.03		15.35			0.07	
Control Delay	8.9	8.2		232.7			13.3	
LOS	A	A		F			B	
Approach Delay				232.7			13.3	
Approach LOS				F			B	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540PMEX13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	745	115	10	440	5
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	809	124	10	478	5
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R		LTR	
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	70	0	40	5	5	10
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	76	0	43	5	5	10
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	10		119			20	
C(m) (vph)	1080	734		142			166	
v/c	0.00	0.01		0.84			0.12	
95% queue length	0.01	0.04		5.40			0.40	
Control Delay	8.3	10.0-		98.3			29.6	
LOS	A	A		F			D	
Approach Delay				98.3			29.6	
Approach LOS				F			D	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: SEPTEMBER 2008
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction:
Units: U. S. Customary
Analysis Year: 2008 EXISTING TRAFFIC VOLUMES
Project ID: 1540SATEX13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	415	50	15	350	5
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	451	54	16	380	5
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided		/			
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	70	0	35	5	0	5
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	76	0	38	5	0	5
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	16		114			10	
C(m) (vph)	1173	1060		297			316	
v/c	0.00	0.02		0.38			0.03	
95% queue length	0.01	0.05		1.74			0.10	
Control Delay	8.1	8.4		24.5			16.8	
LOS	A	A		C			C	
Approach Delay				24.5			16.8	
Approach LOS				C			C	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	368	58	11	548	16
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	399	63	11	595	17
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	238	5	42	10	0	11
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	258	5	45	10	0	11
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage		No /			No /	
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	11		308			21	
C(m) (vph)	967	1099		200			238	
v/c	0.01	0.01		1.54			0.09	
95% queue length	0.02	0.03		19.44			0.29	
Control Delay	8.7	8.3		309.5			21.6	
LOS	A	A		F			C	
Approach Delay				309.5			21.6	
Approach LOS				F			C	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	835	122	11	525	21
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	907	132	11	570	22
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	97	0	42	32	5	11
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	105	0	45	34	5	11
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	11		150			50	
C(m) (vph)	984	669		96			76	
v/c	0.01	0.02		1.56			0.66	
95% queue length	0.02	0.05		11.60			3.00	
Control Delay	8.7	10.5		374.9			116.6	
LOS	A	B		F			F	
Approach Delay				374.9			116.6	
Approach LOS				F			F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (W/O PATRICK FARM)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	490	53	16	435	15
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	532	57	17	472	16
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	97	0	37	15	0	5
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	105	0	40	16	0	5
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage		No /			No /	
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	17		145			21	
C(m) (vph)	1075	986		215			183	
v/c	0.00	0.02		0.67			0.11	
95% queue length	0.01	0.05		4.20			0.38	
Control Delay	8.4	8.7		50.7			27.2	
LOS	A	A		F			D	
Approach Delay				50.7			27.2	
Approach LOS				F			D	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK AM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540AMB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	370	58	11	566	16
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	402	63	11	615	17
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	238	5	42	10	0	11
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	258	5	45	10	0	11
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage			No /			No /
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	11		308			21	
C(m) (vph)	951	1096		193			230	
v/c	0.01	0.01		1.60			0.09	
95% queue length	0.02	0.03		20.12			0.30	
Control Delay	8.8	8.3		334.8			22.2	
LOS	A	A		F			C	
Approach Delay				334.8			22.2	
Approach LOS				F			C	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK PM HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540PMB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	844	122	11	535	21
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	917	132	11	581	22
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided /					
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	97	0	42	32	5	11
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	105	0	45	34	5	11
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage		No /			No /	
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	11		150			50	
C(m) (vph)	975	663		92			73	
v/c	0.01	0.02		1.63			0.68	
95% queue length	0.02	0.05		11.96			3.13	
Control Delay	8.7	10.5		407.0			125.6	
LOS	A	B		F			F	
Approach Delay				407.0			125.6	
Approach LOS				F			F	

HCS+: Unsignalized Intersections Release 5.3

TWO-WAY STOP CONTROL SUMMARY

Analyst: JCE
Agency/Co.: JOHN COLLINS ENGINEERS, P.C.
Date Performed: MARCH 2009
Analysis Time Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Intersection: NYS RTE 45 & OLD RTE 202/PARK
Jurisdiction: (FULL BUILD)
Units: U. S. Customary
Analysis Year: 2011 BUILD TRAFFIC VOLUMES
Project ID: 1540SATB13
East/West Street: OLD ROUTE 202/PARK & RIDE
North/South Street: NYS ROUTE 45
Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume	5	497	53	16	447	15
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	5	540	57	17	485	16
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type/Storage	Undivided			/		
RT Channelized?			No			
Lanes	1	1	1	0	1	0
Configuration	L	T	R	LTR		
Upstream Signal?		No			No	

Minor Street: Approach	Westbound			Eastbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume	97	0	37	15	0	5
Peak Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR	105	0	40	16	0	5
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)		2			2	
Flared Approach: Exists?/Storage		No	/		No	/
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Config	L	LTR		LTR			LTR	
v (vph)	5	17		145			21	
C(m) (vph)	1063	980		208			176	
v/c	0.00	0.02		0.70			0.12	
95% queue length	0.01	0.05		4.42			0.40	
Control Delay	8.4	8.7		54.5			28.2	
LOS	A	A		F			D	
Approach Delay				54.5			28.2	
Approach LOS				F			D	

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	10	0	11	238	5	42	5	363	58	11	553	16
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	20.0					30.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	484	1453	0.05	0.33	13.6	B	13.6	B
Westbound								
LTR	449	1347	0.69	0.33	21.8	C	21.8	C
Northbound								
L	348	695	0.01	0.50	7.6	A		
TR	1780	3560	0.26	0.50	8.7	A	8.7	A
Southbound								
LTR	896	1792	0.70	0.50	14.1	B	14.1	B

Intersection Delay = 14.0 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	32	5	11	97	0	42	5	816	122	11	486	21
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	20.0					30.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	475	1425	0.11	0.33	13.9	B	13.9	B
Westbound								
LTR	455	1366	0.32	0.33	15.3	B	15.3	B
Northbound								
L	392	783	0.01	0.50	7.6	A		
TR	1783	3565	0.55	0.50	10.7	B	10.7	B
Southbound								
LTR	881	1762	0.62	0.50	12.2	B	12.2	B

Intersection Delay = 11.7 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	15	0	5	97	0	37	5	464	53	16	383	15
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	20.0					30.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	490	1469	0.04	0.33	13.6	B	13.6	B
Westbound								
LTR	463	1390	0.31	0.33	15.3	B	15.3	B
Northbound								
L	451	902	0.01	0.50	7.6	A		
TR	1790	3579	0.31	0.50	9.0	A	9.0	A
Southbound								
LTR	881	1762	0.51	0.50	10.6	B	10.6	B

Intersection Delay = 10.4 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	10	0	11	238	5	42	5	368	58	11	548	16
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A				NB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
WB Left	A				SB	Left	A			
Thru	A					Thru	A			
Right	A					Right	A			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	20.0						30.0			
Yellow	3.0						3.0			
All Red	2.0						2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	484	1453	0.05	0.33	13.6	B	13.6	B
Westbound								
LTR	449	1347	0.69	0.33	21.8	C	21.8	C
Northbound								
L	350	700	0.01	0.50	7.6	A		
TR	1781	3561	0.26	0.50	8.7	A	8.7	A
Southbound								
LTR	896	1792	0.70	0.50	13.9	B	13.9	B

Intersection Delay = 13.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & ROUTE 45
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	32	5	11	97	0	42	5	835	122	11	525	21
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	20.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	475	1425	0.11	0.33	13.9	B	13.9	B
Westbound								
LTR	455	1366	0.32	0.33	15.3	B	15.3	B
Northbound								
L	370	739	0.01	0.50	7.6	A		
TR	1783	3566	0.56	0.50	10.9	B	10.9	B
Southbound								
LTR	883	1765	0.66	0.50	13.1	B	13.1	B

Intersection Delay = 12.1 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	15	0	5	97	0	37	5	490	53	16	435	15
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	20.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	490	1469	0.04	0.33	13.6	B	13.6	B
Westbound								
LTR	463	1390	0.31	0.33	15.3	B	15.3	B
Northbound								
L	416	831	0.01	0.50	7.6	A		
TR	1791	3582	0.33	0.50	9.1	A	9.1	A
Southbound								
LTR	883	1766	0.57	0.50	11.4	B	11.4	B

Intersection Delay = 10.8 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	10	0	11	238	5	42	5	370	58	11	566	16
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	20.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	484	1453	0.05	0.33	13.6	B	13.6	B
Westbound								
LTR	449	1347	0.69	0.33	21.8	C	21.8	C
Northbound								
L	341	681	0.01	0.50	7.6	A		
TR	1781	3561	0.26	0.50	8.7	A	8.7	A
Southbound								
LTR	897	1793	0.72	0.50	14.5	B	14.5	B

Intersection Delay = 14.2 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	32	5	11	97	0	42	5	844	122	11	535	21
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A				NB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
WB Left	A				SB Left	A			
Thru	A				Thru	A			
Right	A				Right	A			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	20.0					30.0			
Yellow	3.0					3.0			
All Red	2.0					2.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	475	1425	0.11	0.33	13.9	B	13.9	B
Westbound								
LTR	455	1366	0.32	0.33	15.3	B	15.3	B
Northbound								
L	364	728	0.01	0.50	7.6	A		
TR	1784	3567	0.57	0.50	10.9	B	10.9	B
Southbound								
LTR	883	1765	0.68	0.50	13.4	B	13.4	B

Intersection Delay = 12.2 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB13
E/W St: OLD ROUTE 202

Inter.: OLD ROUTE 202 & NYS ROUTE 45
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: NYS ROUTE 45

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	1	2	0	0	1	0
LGConfig		LTR			LTR		L	TR			LTR	
Volume	15	0	5	97	0	37	5	497	53	16	447	15
Lane Width		12.0			12.0		12.0	12.0			12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	20.0					30.0		
Yellow	3.0					3.0		
All Red	2.0					2.0		

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	490	1469	0.04	0.33	13.6	B	13.6	B
Westbound								
LTR	463	1390	0.31	0.33	15.3	B	15.3	B
Northbound								
L	408	816	0.01	0.50	7.6	A		
TR	1791	3582	0.33	0.50	9.1	A	9.1	A
Southbound								
LTR	883	1766	0.59	0.50	11.7	B	11.7	B

Intersection Delay = 10.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMEX14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	5	415	5	10	675	25	45	0	25	45	0	15
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
WB	Left	A	A			SB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		10.0	48.0					17.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	362	1728	0.01	0.70	9.4	A		
TR	969	1816	0.47	0.53	14.7	B	14.7	B
Westbound								
L	572	1694	0.02	0.70	5.2	A		
TR	978	1834	0.78	0.53	22.8	C	22.6	C
Northbound								
LT	236	1250	0.21	0.19	32.8	C	32.1	C
R	285	1507	0.09	0.19	30.8	C		
Southbound								
LTR	291	1543	0.22	0.19	32.7	C	32.7	C

Intersection Delay = 20.9 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMEX14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	25	750	35	30	610	35	25	0	30	30	0	10
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
WB	Left	A	A			SB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	511	1728	0.05	0.78	4.9	A		
TR	1104	1806	0.75	0.61	17.2	B	16.8	B
Westbound								
L	401	1694	0.08	0.78	7.5	A		
TR	1118	1829	0.61	0.61	13.3	B	13.0	B
Northbound								
LT	138	1242	0.19	0.11	39.3	D	39.1	D
R	167	1507	0.19	0.11	38.9	D		
Southbound								
LTR	171	1543	0.25	0.11	40.1	D	40.1	D

Intersection Delay = 16.6 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: SEPTEMBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATEX14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd:
Year : 2008 EXISTING TRAFFIC VOLUMES
N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	10	555	35	25	595	35	40	0	50	50	0	5
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
WB Left	A	A			SB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	10.0	48.0					17.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	415	1728	0.03	0.70	7.9	A		
TR	961	1802	0.67	0.53	18.9	B	18.7	B
Westbound								
L	437	1694	0.06	0.70	7.3	A		
TR	975	1829	0.70	0.53	19.9	B	19.4	B
Northbound								
LT	241	1274	0.18	0.19	32.3	C	32.2	C
R	285	1507	0.19	0.19	32.2	C		
Southbound								
LTR	283	1497	0.21	0.19	32.5	C	32.5	C

Intersection Delay = 20.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMNB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	7	469	5	11	744	27	48	0	27	48	0	16
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
WB	Left	A	A			SB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		10.0	48.0					17.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	309	1728	0.03	0.70	11.6	B		
TR	969	1816	0.53	0.53	15.8	B	15.7	B
Westbound								
L	527	1694	0.02	0.70	5.7	A		
TR	979	1835	0.86	0.53	27.6	C	27.3	C
Northbound								
LT	234	1237	0.22	0.19	33.1	C	32.3	C
R	285	1507	0.10	0.19	30.9	C		
Southbound								
LTR	289	1532	0.24	0.19	32.9	C	32.9	C

Intersection Delay = 23.8 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMNB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	27	826	37	32	678	37	27	0	32	32	0	11
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination		1	2	3	4			5	6	7	8
EB	Left	A	A			NB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
WB	Left	A	A			SB	Left	P			
	Thru		P				Thru	P			
	Right		P				Right	P			
	Peds						Peds				
NB	Right					EB	Right				
SB	Right					WB	Right				
Green		10.0	55.0					10.0			
Yellow		3.0	3.0					3.0			
All Red		2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	459	1728	0.06	0.78	6.0	A		
TR	1104	1807	0.82	0.61	20.6	C	20.2	C
Westbound								
L	347	1694	0.10	0.78	9.9	A		
TR	1118	1830	0.67	0.61	14.8	B	14.6	B
Northbound								
LT	137	1229	0.20	0.11	39.7	D	39.4	D
R	167	1507	0.20	0.11	39.1	D		
Southbound								
LTR	171	1541	0.27	0.11	40.5	D	40.5	D

Intersection Delay = 18.9 (sec/veh) Intersection LOS = B

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: OCTOBER 2008
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATNB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 NO-BUILD TRAFFIC VOLUMES
N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	11	609	37	27	653	37	42	0	53	53	0	5
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
WB Left	A	A			SB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	10.0	48.0					17.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	369	1728	0.03	0.70	9.2	A		
TR	962	1803	0.73	0.53	20.9	C	20.7	C
Westbound								
L	394	1694	0.07	0.70	8.4	A		
TR	975	1829	0.77	0.53	22.4	C	21.9	C
Northbound								
LT	238	1261	0.19	0.19	32.5	C	32.5	C
R	285	1507	0.20	0.19	32.4	C		
Southbound								
LTR	280	1480	0.22	0.19	32.8	C	32.8	C

Intersection Delay = 22.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	6	478	7	11	758	27	50	0	27	48	0	17
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
WB Left	A	A			SB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	10.0	48.0					17.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	298	1728	0.02	0.70	12.1	B		
TR	968	1815	0.55	0.53	16.0	B	16.0	B
Westbound								
L	518	1694	0.02	0.70	5.8	A		
TR	979	1835	0.87	0.53	28.8	C	28.5	C
Northbound								
LT	233	1233	0.23	0.19	33.3	C	32.4	C
R	285	1507	0.10	0.19	30.9	C		
Southbound								
LTR	289	1532	0.24	0.19	33.0	C	33.0	C

Intersection Delay = 24.6 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	31	883	46	32	733	37	36	0	32	32	0	15
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left	P			
Thru		P			Thru	P			
Right		P			Right	P			
Peds					Peds				
WB Left	A	A			SB Left	P			
Thru		P			Thru	P			
Right		P			Right	P			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	10.0	55.0				10.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	419	1728	0.08	0.78	7.2	A		
TR	1103	1805	0.89	0.61	25.3	C	24.7	C
Westbound								
L	301	1694	0.11	0.78	12.7	B		
TR	1119	1831	0.72	0.61	16.3	B	16.2	B
Northbound								
LT	137	1232	0.28	0.11	41.7	D	40.5	D
R	167	1507	0.20	0.11	39.1	D		
Southbound								
LTR	172	1545	0.29	0.11	41.0	D	41.0	D

Intersection Delay = 22.1 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (W/O PATRICK FARM)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	17	682	49	27	725	37	55	0	53	53	0	11
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
WB Left	A	A			SB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	10.0	48.0					17.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	315	1728	0.06	0.70	11.5	B		
TR	960	1800	0.83	0.53	25.7	C	25.3	C
Westbound								
L	332	1694	0.09	0.70	10.6	B		
TR	977	1831	0.85	0.53	26.9	C	26.4	C
Northbound								
LT	233	1233	0.26	0.19	33.8	C	33.1	C
R	285	1507	0.20	0.19	32.4	C		
Southbound								
LTR	280	1484	0.25	0.19	33.2	C	33.2	C

Intersection Delay = 26.6 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK AM HIGHWAY HOUR
Project ID: 1540AMB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	6	488	7	11	761	27	50	0	27	48	0	17
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
WB Left	A	A			SB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	10.0	48.0					17.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	296	1728	0.02	0.70	12.2	B		
TR	968	1815	0.56	0.53	16.2	B	16.2	B
Westbound								
L	510	1694	0.02	0.70	5.9	A		
TR	979	1835	0.87	0.53	29.1	C	28.8	C
Northbound								
LT	233	1233	0.23	0.19	33.3	C	32.4	C
R	285	1507	0.10	0.19	30.9	C		
Southbound								
LTR	289	1532	0.24	0.19	33.0	C	33.0	C

Intersection Delay = 24.8 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK PM HIGHWAY HOUR
Project ID: 1540PMB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES
N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	31	887	46	32	743	37	36	0	32	32	0	15
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4		5	6	7	8
EB Left	A	A			NB Left	P			
Thru		P			Thru	P			
Right		P			Right	P			
Peds					Peds				
WB Left	A	A			SB Left	P			
Thru		P			Thru	P			
Right		P			Right	P			
Peds					Peds				
NB Right					EB Right				
SB Right					WB Right				
Green	10.0	55.0				10.0			
Yellow	3.0	3.0				3.0			
All Red	2.0	2.0				2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	413	1728	0.08	0.78	7.4	A		
TR	1103	1805	0.89	0.61	25.8	C	25.2	C
Westbound								
L	297	1694	0.11	0.78	12.9	B		
TR	1119	1831	0.73	0.61	16.6	B	16.5	B
Northbound								
LT	137	1232	0.28	0.11	41.7	D	40.5	D
R	167	1507	0.20	0.11	39.1	D		
Southbound								
LTR	172	1545	0.29	0.11	41.0	D	41.0	D

Intersection Delay = 22.4 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.3

Analyst: JCE
Agency: JOHN COLLINS ENGINEERS, P.C.
Date: MARCH 2009
Period: WEEKDAY PEAK SAT HIGHWAY HOUR
Project ID: 1540SATB14
E/W St: U.S. ROUTE 202

Inter.: US RTE 202 & CRYSTAL HILL CLU
Area Type: All other areas
Jurisd: (FULL BUILD)
Year : 2011 BUILD TRAFFIC VOLUMES

N/S St: CRYSTAL HILL CLUB/BALSAM ROAD

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	0	1	0
LGConfig	L	TR		L	TR			LT	R		LTR	
Volume	17	688	49	27	732	37	55	0	53	53	0	11
Lane Width	11.0	11.0		11.0	12.0			10.0	10.0		16.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4			5	6	7	8
EB Left	A	A			NB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
WB Left	A	A			SB	Left	P			
Thru		P				Thru	P			
Right		P				Right	P			
Peds						Peds				
NB Right					EB	Right				
SB Right					WB	Right				
Green	10.0	48.0					17.0			
Yellow	3.0	3.0					3.0			
All Red	2.0	2.0					2.0			

Cycle Length: 90.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	310	1728	0.06	0.70	11.8	B		
TR	961	1801	0.83	0.53	26.1	C	25.8	C
Westbound								
L	327	1694	0.09	0.70	10.8	B		
TR	977	1831	0.86	0.53	27.6	C	27.0	C
Northbound								
LT	233	1233	0.26	0.19	33.8	C	33.1	C
R	285	1507	0.20	0.19	32.4	C		
Southbound								
LTR	280	1484	0.25	0.19	33.2	C	33.2	C

Intersection Delay = 27.1 (sec/veh) Intersection LOS = C

APPENDIX "D"

STANDARDS

LEVEL OF SERVICE FOR SIGNALIZED INTERSECTIONS

Level of Service (LOS) for signalized intersections is defined in terms of control delay, which is a measure of driver discomfort, frustration, fuel consumption, and increased travel time. The delay experienced by a motorist is made up of a number of factors that relate to control, geometrics, traffic, and incidents. Specifically, LOS criteria for traffic signals are stated in terms of the average control delay per vehicle, typically for a 15-minute analysis period. The criteria are given in Exhibit 16-2 from the 2000 Highway Capacity Manual published by the Transportation Research Board.

EXHIBIT 16-2

LEVEL OF SERVICE FOR SIGNALIZED INTERSECTIONS

LEVEL OF SERVICE (LOS)	CONTROL DELAY PER VEHICLE (S/VEH)
A	≤10
B	>10-20
C	>20-35
D	>35-55
E	>55-80
F	>80

LEVEL OF SERVICE A describes operations with low control delay, up to 10 seconds per vehicle (s/veh). This LOS occurs when progression is extremely favorable and most vehicles arrive during the green phase. Many vehicles do not stop at all. Short cycle lengths may tend to contribute to low delay values.

LEVEL OF SERVICE B describes operations with control delay greater than 10 and up to 20 seconds per vehicle (s/veh). This level generally occurs with good progression, short cycle lengths, or both. More vehicles stop than with Level of Service "A", causing higher levels of delay.

LEVEL OF SERVICE C describes operations with control delay greater than 20 and up to 35 seconds per vehicle (s/veh). These higher delays may result from only fair progression, longer cycle lengths, or both. Individual cycle failures may begin to appear at this level. The number of vehicles stopping is significant at this level, though many still pass through the intersection without stopping.

LEVEL OF SERVICE D describes operations with control delay greater than 35 and up to 55 seconds per vehicle (s/veh). At Level of Service D, the influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable progression, long cycle lengths, and high v/c ratios. Many vehicles stop, and the proportion of vehicles not stopping declines. Individual cycle failures are noticeable.

LEVEL OF SERVICE E describes operations with control delay greater than 55 and up to 80 seconds per vehicle (s/veh). This is considered to be the limit of acceptable delay. These high delay values generally indicate poor progression, long cycle lengths, and high v/c ratios. Individual cycle failures are frequent.

LEVEL OF SERVICE F describes operations with control delay in excess of 80 seconds per vehicle (s/veh). This level is considered unacceptable to most drivers, often occurs with oversaturation, that is, when arrival flow rates exceed the capacity of the groups. It may also occur at high v/c ratios with many individual cycle failures. Poor progression and long cycle lengths may also contribute significantly to high delay levels.

LEVEL OF SERVICE CRITERIA FOR UNSIGNALIZED INTERSECTIONS

The Level of Service (LOS) for unsignalized intersections is determined by the computed or measured control delay and is defined for each minor movement. Control delay is defined as the total elapsed time a vehicle stops at the end of the queue to the time the vehicle departs from the stop line. This total elapsed time includes the time required for the vehicle to travel from the last-in-queue position to the first-in-queue position, including deceleration of vehicles from free-flow speed to speed of vehicles in queue. Average control delay for any particular minor movement is a function of the capacity of the approach and the degree of saturation. The Level of Service Criteria are given in Exhibit 17-2 from the 2000 Highway Capacity Manual published by the Transportation Research Board.

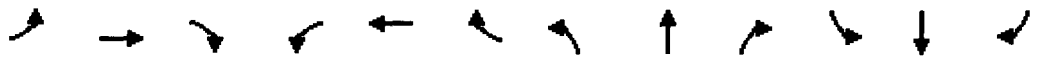
EXHIBIT 17-2

LEVEL OF SERVICE FOR CRITERIA
FOR UNSIGNALIZED INTERSECTIONS

LEVEL OF SERVICE (LOS)	AVERAGE CONTROL DELAY (S/VEH)
A	0-10
B	>10-15
C	>15-25
D	>25-35
E	>35-50
F	>50

The Level of Service Criteria for unsignalized intersections are somewhat different from the criteria for signalized intersections.

SYNCHRO/SIM TRAFFIC PRINTOUTS



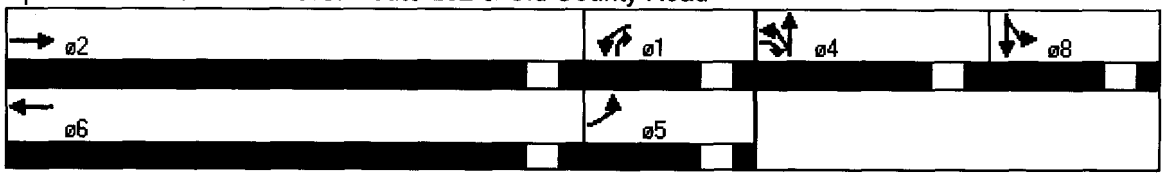
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	50		0	150		0	0		0	0		0
Storage Lanes	1		1	1		0	1		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0	0	0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00
Frt			0.850		0.999				0.850		0.913	
Flt Protected	0.950			0.950			0.950	0.954			0.993	
Satd. Flow (prot)	1770	1863	1583	1770	1861	0	1681	1688	1583	0	1689	0
Flt Permitted	0.087			0.334			0.950	0.954			0.993	
Satd. Flow (perm)	162	1863	1583	622	1861	0	1681	1688	1583	0	1689	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			363						202		52	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		354			1113			271			367	
Travel Time (s)		8.0			25.3			6.2			8.3	
Volume (vph)	5	431	334	244	743	5	215	5	186	11	16	48
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	5	468	363	265	808	5	234	5	202	12	17	52
Lane Group Flow (vph)	5	468	363	265	813	0	117	122	202	0	81	0
Turn Type	pm+pt		pm+ov	pm+pt			Split		pm+ov	Split		
Protected Phases	5	2	4	1	6		4	4	1	8	8	
Permitted Phases	2		2	6					4			
Detector Phases	5	2	4	1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0	20.0	9.0	21.0		20.0	20.0	9.0	15.0	15.0	
Total Split (s)	15.0	50.0	20.0	15.0	50.0	0.0	20.0	20.0	15.0	15.0	15.0	0.0
Total Split (%)	15.0%	50.0%	20.0%	15.0%	50.0%	0.0%	20.0%	20.0%	15.0%	15.0%	15.0%	0.0%
Maximum Green (s)	10.0	45.0	15.0	10.0	45.0		15.0	15.0	10.0	10.0	10.0	
Yellow Time (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lag	Lead		Lag	Lead				Lag			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	C-Max	None	None	C-Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0							
Flash Dont Walk (s)		11.0			11.0							
Pedestrian Calls (#/hr)		0			0							
Act Effct Green (s)	64.4	57.0	70.6	68.1	65.9		12.9	12.9	24.7		8.4	
Actuated g/C Ratio	0.64	0.57	0.71	0.68	0.66		0.13	0.13	0.25		0.08	
v/c Ratio	0.02	0.44	0.30	0.52	0.66		0.54	0.56	0.37		0.43	
Control Delay	5.6	9.7	1.6	16.2	17.7		49.7	50.5	5.9		26.3	
Queue Delay	0.0	0.9	0.2	0.5	0.6		0.0	0.0	0.7		0.1	
Total Delay	5.6	10.6	1.7	16.7	18.3		49.7	50.5	6.7		26.3	
LOS	A	B	A	B	B		D	D	A		C	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		6.7			17.9			30.2			26.3	
Approach LOS		A			B			C			C	
Queue Length 50th (ft)	1	133	8	59	275		73	77	0		18	
Queue Length 95th (ft)	m3	232	43	112	#743		130	135	50		62	
Internal Link Dist (ft)		274			1033			191			287	
Turn Bay Length (ft)	50			150								
Base Capacity (vph)	287	1062	1245	569	1226		269	270	539		232	
Starvation Cap Reductn	0	332	273	0	0		0	0	136		0	
Spillback Cap Reductn	0	0	171	86	147		0	0	0		6	
Storage Cap Reductn	0	0	0	0	0		0	0	0		0	
Reduced v/c Ratio	0.02	0.64	0.37	0.55	0.75		0.43	0.45	0.50		0.36	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 0 (0%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green, Master Intersection
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.66
Intersection Signal Delay: 16.6 Intersection LOS: B
Intersection Capacity Utilization 65.5% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: U.S. Route 202 & Old County Road



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	630		0	115		0	0		0	0		0
Storage Lanes	1		0	1		1	0		1	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50			50	50			50	50		50
Trailing Detector (ft)	0	0			0	0			0	0		0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.996				0.850			0.865			0.850
Flt Protected	0.950									0.950		
Satd. Flow (prot)	1770	3525	0	0	3539	1583	0	0	1611	1770	0	1583
Flt Permitted	0.169									0.950		
Satd. Flow (perm)	315	3525	0	0	3539	1583	0	0	1611	1770	0	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		4				124			372			43
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		861			354			89			606	
Travel Time (s)		19.6			8.0			2.0			13.8	
Volume (vph)	177	452	11	0	864	143	0	0	5	313	0	856
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	192	491	12	0	939	155	0	0	5	340	0	930
Lane Group Flow (vph)	192	503	0	0	939	155	0	0	5	340	0	930
Turn Type	pm+pt					Free			custom	custom		custom
Protected Phases	5	2			6							8
Permitted Phases	2					Free			4	8		5
Detector Phases	5	2			6				4	8		8
Minimum Initial (s)	4.0	4.0			4.0				4.0	4.0		4.0
Minimum Split (s)	9.0	21.0			21.0				9.0	21.0		21.0
Total Split (s)	20.0	63.0	0.0	0.0	43.0	0.0	0.0	0.0	37.0	37.0	0.0	37.0
Total Split (%)	20.0%	63.0%	0.0%	0.0%	43.0%	0.0%	0.0%	0.0%	37.0%	37.0%	0.0%	37.0%
Maximum Green (s)	15.0	58.0			38.0				32.0	32.0		32.0
Yellow Time (s)	3.0	3.0			3.0				3.0	3.0		3.0
All-Red Time (s)	2.0	2.0			2.0				2.0	2.0		2.0
Lead/Lag	Lag				Lead							
Lead-Lag Optimize?	Yes				Yes							
Vehicle Extension (s)	3.0	3.0			3.0				3.0	3.0		3.0
Recall Mode	None	C-Max			C-Max				None	Max		Max
Walk Time (s)		5.0			5.0					5.0		5.0
Flash Dont Walk (s)		11.0			11.0					11.0		11.0
Pedestrian Calls (#/hr)		0			0					0		0
Act Effct Green (s)	59.0	59.0			39.0	100.0			11.8	33.0		53.0
Actuated g/C Ratio	0.59	0.59			0.39	1.00			0.12	0.33		0.53
v/c Ratio	0.46	0.24			0.68	0.10			0.01	0.58		1.08
Control Delay	23.5	8.0			24.3	0.1			0.0	22.5		64.5
Queue Delay	0.0	0.0			4.6	0.0			0.0	0.0		4.6
Total Delay	23.5	8.0			28.9	0.1			0.0	22.5		69.2
LOS	C	A			C	A			A	C		E

Lane Group	EBL	EBT									SBT	SBR
Approach Delay		12.3			24.8							
Approach LOS		B			C							
Queue Length 50th (ft)	49	62			282	0			0	153		~661
Queue Length 95th (ft)	m95	74			226	m0			0	m195		m#789
Internal Link Dist (ft)		781			274			9			526	
Turn Bay Length (ft)	630											
Base Capacity (vph)	419	2081			1380	1583			781	584		859
Starvation Cap Reductn	0	0			362	0			0	0		9
Spillback Cap Reductn	0	0			0	0			0	0		0
Storage Cap Reductn	0	0			0	0			0	0		0
Reduced v/c Ratio	0.46	0.24			0.92	0.10			0.01	0.58		1.09

Intersection Summary

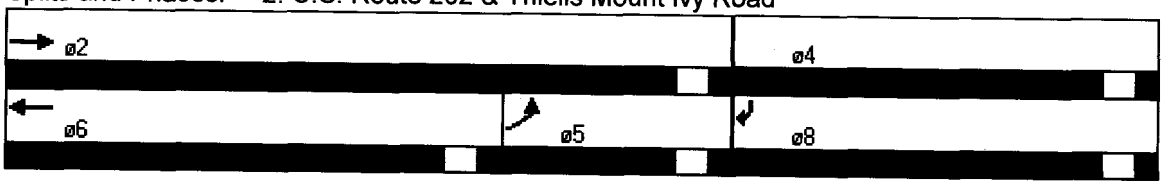
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 11 (11%), Referenced to phase 2:EBTL and 6:WBT, Start of Green
Natural Cycle: 65
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.08
Intersection Signal Delay: 35.1 Intersection LOS: D
Intersection Capacity Utilization 83.6% ICU Level of Service E
Analysis Period (min) 15

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: U.S. Route 202 & Thiells Mount Ivy Road



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	125		0	60		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	50
Trailing Detector (ft)	0	0		0	0		0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999			0.918			0.955				0.850
Flt Protected	0.950			0.950				0.984			0.954	
Satd. Flow (prot)	1770	3536	0	1770	3249	0	0	1750	0	0	1777	1583
Flt Permitted	0.080			0.434				0.923			0.722	
Satd. Flow (perm)	149	3536	0	808	3249	0	0	1642	0	0	1345	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		2			405			5				250
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		584			861			109			648	
Travel Time (s)		13.3			19.6			2.5			14.7	
Volume (vph)	332	496	5	16	772	933	5	5	5	138	5	230
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	361	539	5	17	839	1014	5	5	5	150	5	250
Lane Group Flow (vph)	361	544	0	17	1853	0	0	15	0	0	155	250
Turn Type	pm+pt			Perm			Perm			Perm		Free
Protected Phases	5	2			6			4			8	
Permitted Phases	2			6			4			8		Free
Detector Phases	5	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	9.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	75.0	0.0	50.0	50.0	0.0	25.0	25.0	0.0	25.0	25.0	0.0
Total Split (%)	25.0%	75.0%	0.0%	50.0%	50.0%	0.0%	25.0%	25.0%	0.0%	25.0%	25.0%	0.0%
Maximum Green (s)	20.0	70.0		45.0	45.0		20.0	20.0		20.0	20.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lag			Lead	Lead							
Lead-Lag Optimize?	Yes			Yes	Yes							
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	C-Max		C-Max	C-Max		None	None		None	None	
Walk Time (s)		5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0		0	0		0	0		0	0	
Act Effct Green (s)	76.0	76.0		51.0	51.0			16.0			16.0	100.0
Actuated g/C Ratio	0.76	0.76		0.51	0.51			0.16			0.16	1.00
v/c Ratio	0.80	0.20		0.04	1.00			0.06			0.72	0.16
Control Delay	43.7	4.0		10.5	27.1			26.4			54.0	0.2
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	0.0
Total Delay	43.7	4.0		10.5	27.1			26.4			54.0	0.2
LOS	D	A		B	C			C			D	A

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBT	SBR
Approach Delay		19.9			26.9		26.4		20.8	
Approach LOS		B			C		C		C	
Queue Length 50th (ft)	159	43		4	~275		5		84	0
Queue Length 95th (ft)	#311	72		m6	m#627		22		m131	m0
Internal Link Dist (ft)		504			781		29		568	
Turn Bay Length (ft)	125			60						
Base Capacity (vph)	454	2686		412	1854		349		282	1583
Starvation Cap Reductn	0	0		0	0		0		0	0
Spillback Cap Reductn	0	0		0	0		0		0	0
Storage Cap Reductn	0	0		0	0		0		0	0
Reduced v/c Ratio	0.80	0.20		0.04	1.00		0.04		0.55	0.16

Intersection Summary

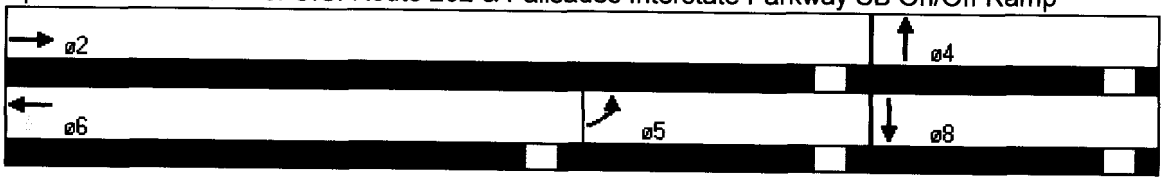
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 10 (10%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.00
Intersection Signal Delay: 24.1 Intersection LOS: C
Intersection Capacity Utilization 94.3% ICU Level of Service F
Analysis Period (min) 15

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 3: U.S. Route 202 & Palisades Interstate Parkway SB On/Off Ramp



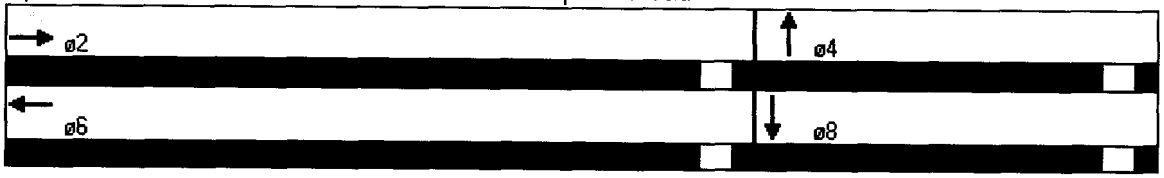
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999			0.994			0.912			0.953	
Flt Protected		0.996			0.998			0.994			0.974	
Satd. Flow (prot)	0	1843	0	0	1839	0	0	1623	0	0	1603	0
Flt Permitted		0.885			0.946			0.958			0.775	
Satd. Flow (perm)	0	1637	0	0	1743	0	0	1564	0	0	1276	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			4			71			28	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1043			2079			480			458	
Travel Time (s)		23.7			47.3			10.9			10.4	
Volume (vph)	41	537	5	40	795	40	11	21	60	106	21	68
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Heavy Vehicles (%)	10%	2%	5%	5%	2%	10%	5%	10%	5%	10%	10%	10%
Adj. Flow (vph)	49	639	6	48	946	48	13	25	71	126	25	81
Lane Group Flow (vph)	0	694	0	0	1042	0	0	109	0	0	232	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		2			6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	65.0	65.0	0.0	65.0	65.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	65.0%	65.0%	0.0%	65.0%	65.0%	0.0%	35.0%	35.0%	0.0%	35.0%	35.0%	0.0%
Maximum Green (s)	60.0	60.0		60.0	60.0		30.0	30.0		30.0	30.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Min	Min		Min	Min		None	None		None	None	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		59.2			59.2			19.9			19.9	
Actuated g/C Ratio		0.68			0.68			0.23			0.23	
v/c Ratio		0.62			0.88			0.26			0.74	
Control Delay		12.6			24.1			13.0			41.6	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		12.6			24.1			13.0			41.6	
LOS		B			C			B			D	
Approach Delay		12.6			24.1			13.0			41.6	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Approach LOS		B			C			B			D	
Queue Length 50th (ft)		189			406			17			108	
Queue Length 95th (ft)		359			#816			50			170	
Internal Link Dist (ft)		963			1999			400			378	
Turn Bay Length (ft)												
Base Capacity (vph)		1124			1197			545			425	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.62			0.87			0.20			0.55	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 87.2
Natural Cycle: 75
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.88
Intersection Signal Delay: 21.6 Intersection LOS: C
Intersection Capacity Utilization 79.6% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 4: U.S. Route 202 & Camp Hill Road



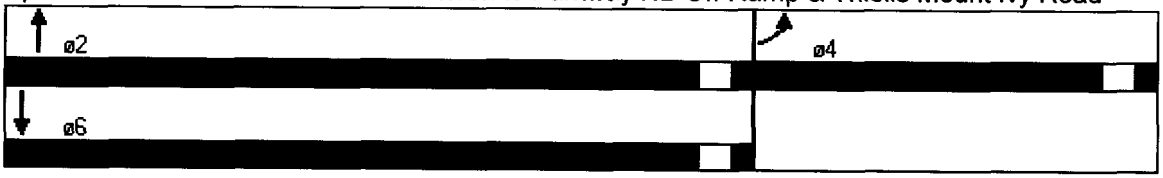
Lane Group	EBL	EBT	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50			50	50	
Trailing Detector (ft)	0			0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.905					
Flt Protected	0.985					
Satd. Flow (prot)	1660	0	0	1863	1863	0
Flt Permitted	0.985					
Satd. Flow (perm)	1660	0	0	1863	1863	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	123					
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	336			606	245	
Travel Time (s)	7.6			13.8	5.6	
Volume (vph)	133	316	0	319	852	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	145	343	0	347	926	0
Lane Group Flow (vph)	488	0	0	347	926	0
Turn Type						
Protected Phases	4			2	6	
Permitted Phases						
Detector Phases	4			2	6	
Minimum Initial (s)	4.0			4.0	4.0	
Minimum Split (s)	21.0			21.0	21.0	
Total Split (s)	35.0	0.0	0.0	65.0	65.0	0.0
Total Split (%)	35.0%	0.0%	0.0%	65.0%	65.0%	0.0%
Maximum Green (s)	30.0			60.0	60.0	
Yellow Time (s)	3.0			3.0	3.0	
All-Red Time (s)	2.0			2.0	2.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0			3.0	3.0	
Recall Mode	Max			C-Min	C-Min	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	38.2			53.8	53.8	
Actuated g/C Ratio	0.38			0.54	0.54	
v/c Ratio	0.69			0.35	0.92	
Control Delay	27.1			7.8	35.9	
Queue Delay	0.1			0.0	3.0	
Total Delay	27.2			7.8	39.0	
LOS	C			A	D	
Approach Delay	27.2			7.8	39.0	
Approach LOS	C			A	D	

Lane Group	EBL	EBR	NBT	SBT
Queue Length 50th (ft)	201		96	486
Queue Length 95th (ft)	#389		92	621
Internal Link Dist (ft)	256		526	165
Turn Bay Length (ft)				
Base Capacity (vph)	710		1136	1136
Starvation Cap Reductn	0		0	0
Spillback Cap Reductn	8		0	124
Storage Cap Reductn	0		0	0
Reduced v/c Ratio	0.70		0.31	0.92

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 42 (42%), Referenced to phase 2:NBT and 6:SBT, Start of Green
Natural Cycle: 65
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.92
Intersection Signal Delay: 29.5 Intersection LOS: C
Intersection Capacity Utilization 78.3% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 5: Palisades Interstate Parkway NB Off Ramp & Thiells Mount Ivy Road



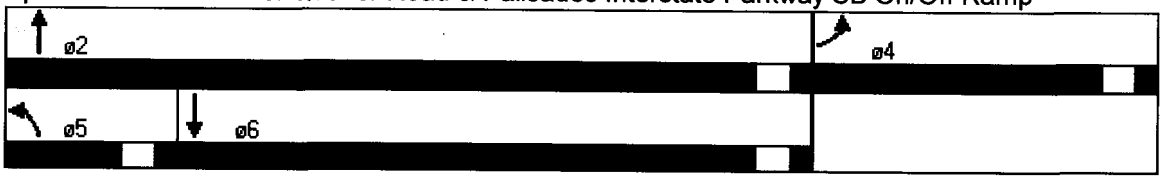
Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0	100			0
Storage Lanes	1	0	1			0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50		50	50	50	
Trailing Detector (ft)	0		0	0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.946				0.987	
Flt Protected	0.971		0.950			
Satd. Flow (prot)	1711	0	1770	1863	1839	0
Flt Permitted	0.971		0.480			
Satd. Flow (perm)	1711	0	894	1863	1839	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	32				8	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	380			648	183	
Travel Time (s)	8.6			14.7	4.2	
Volume (vph)	196	130	198	1072	243	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	213	141	215	1165	264	29
Lane Group Flow (vph)	354	0	215	1165	293	0
Turn Type			pm+pt			
Protected Phases	4		5	2	6	
Permitted Phases			2			
Detector Phases	4		5	2	6	
Minimum Initial (s)	4.0		4.0	4.0	4.0	
Minimum Split (s)	21.0		15.0	21.0	21.0	
Total Split (s)	30.0	0.0	15.0	70.0	55.0	0.0
Total Split (%)	30.0%	0.0%	15.0%	70.0%	55.0%	0.0%
Maximum Green (s)	25.0		10.0	65.0	50.0	
Yellow Time (s)	3.0		3.0	3.0	3.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		Max	C-Max	C-Max	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	23.2		68.8	68.8	51.0	
Actuated g/C Ratio	0.23		0.69	0.69	0.51	
v/c Ratio	0.84		0.29	0.91	0.31	
Control Delay	51.3		6.0	14.0	15.0	
Queue Delay	0.0		0.0	2.5	0.0	
Total Delay	51.3		6.0	16.5	15.0	
LOS	D		A	B	B	

Lane Group	EBL	EBR	NBL	NBT	SBT
Approach Delay	51.3			14.9	15.0
Approach LOS	D			B	B
Queue Length 50th (ft)	192		40	236	101
Queue Length 95th (ft)	#320		m46	m268	157
Internal Link Dist (ft)	300			568	103
Turn Bay Length (ft)			100		
Base Capacity (vph)	469		736	1282	942
Starvation Cap Reductn	0		0	53	0
Spillback Cap Reductn	0		0	0	0
Storage Cap Reductn	0		0	0	0
Reduced v/c Ratio	0.75		0.29	0.95	0.31

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 19 (19%), Referenced to phase 2:NBTL and 6:SBT, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.91
Intersection Signal Delay: 21.3 Intersection LOS: C
Intersection Capacity Utilization 81.9% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 6: Quaker Road & Palisades Interstate Parkway SB On/Off Ramp



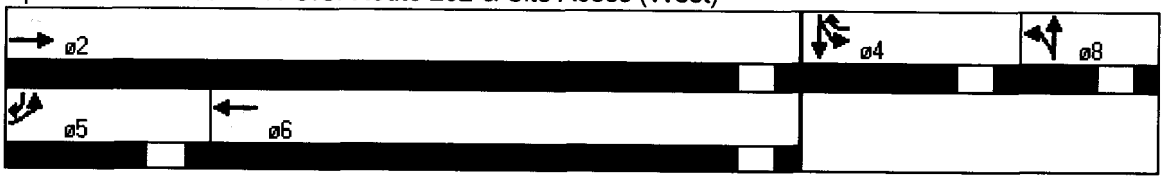
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	15	12	12	12	12
Storage Length (ft)	150		150	150		150	0		0	0		0
Storage Lanes	1		1	1		1	0		0	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	50	50	50		50	50	50
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00
Frt		0.995				0.850		0.905				0.850
Flt Protected	0.950			0.950				0.986		0.950	0.953	
Satd. Flow (prot)	1770	3522	0	1770	1863	1583	0	1828	0	1681	1686	1583
Flt Permitted	0.087			0.373				0.986		0.950	0.953	
Satd. Flow (perm)	162	3522	0	695	1863	1583	0	1828	0	1681	1686	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		7				62		29				104
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.88	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		888			257			88			206	
Travel Time (s)		20.2			5.8			2.0			4.7	
Volume (vph)	69	653	21	32	814	63	11	0	27	117	1	96
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	75	710	23	35	885	68	12	0	29	127	1	104
Lane Group Flow (vph)	75	733	0	35	885	68	0	41	0	64	64	104
Turn Type	pm+pt			Perm		pm+ov	Split			Split		pm+ov
Protected Phases	5	2			6	4	8	8		4	4	5
Permitted Phases	2			6		6						4
Detector Phases	5	2		6	6	4	8	8		4	4	5
Minimum Initial (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Minimum Split (s)	9.0	21.0		21.0	21.0	17.0	11.0	11.0		17.0	17.0	9.0
Total Split (s)	16.0	62.0	0.0	46.0	46.0	17.0	11.0	11.0	0.0	17.0	17.0	16.0
Total Split (%)	17.8%	68.9%	0.0%	51.1%	51.1%	18.9%	12.2%	12.2%	0.0%	18.9%	18.9%	17.8%
Maximum Green (s)	11.0	57.0		41.0	41.0	12.0	6.0	6.0		12.0	12.0	11.0
Yellow Time (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
All-Red Time (s)	2.0	2.0		2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0
Lead/Lag	Lead			Lag	Lag							Lead
Lead-Lag Optimize?	Yes			Yes	Yes							Yes
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
Recall Mode	None	C-Max		C-Max	C-Max	None	None	None		None	None	None
Walk Time (s)		5.0		5.0	5.0							
Flash Dont Walk (s)		11.0		11.0	11.0							
Pedestrian Calls (#/hr)		0		0	0							
Act Effct Green (s)	67.6	68.4		58.7	58.7	70.3		7.0		9.7	9.7	17.0
Actuated g/C Ratio	0.75	0.76		0.65	0.65	0.78		0.08		0.11	0.11	0.19
v/c Ratio	0.29	0.27		0.08	0.73	0.05		0.24		0.35	0.35	0.27
Control Delay	7.9	5.3		11.5	21.0	1.6		23.1		41.8	41.8	5.8
Queue Delay	0.0	0.0		0.0	0.0	0.0		0.0		0.0	0.0	0.0
Total Delay	7.9	5.3		11.5	21.0	1.6		23.1		41.8	41.8	5.8

Lane Group	EBL	EBT	WBL	WBT	NBT	NBR	SBL	SBT	SBR
LOS	A	A	B	C	A	C	D	D	A
Approach Delay		5.5		19.4		23.1		25.7	
Approach LOS		A		B		C		C	
Queue Length 50th (ft)	12	75	9	402	1	6	35	35	0
Queue Length 95th (ft)	29	116	27	#733	13	38	74	74	29
Internal Link Dist (ft)		808		177		8		126	
Turn Bay Length (ft)	150		150		150				
Base Capacity (vph)	336	2677	453	1215	1284	173	243	244	452
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.22	0.27	0.08	0.73	0.05	0.24	0.26	0.26	0.23

Intersection Summary

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 90
Offset: 29 (32%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 80
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.73
Intersection Signal Delay: 14.7 Intersection LOS: B
Intersection Capacity Utilization 65.8% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 7: U.S. Route 202 & Site Acess (West)



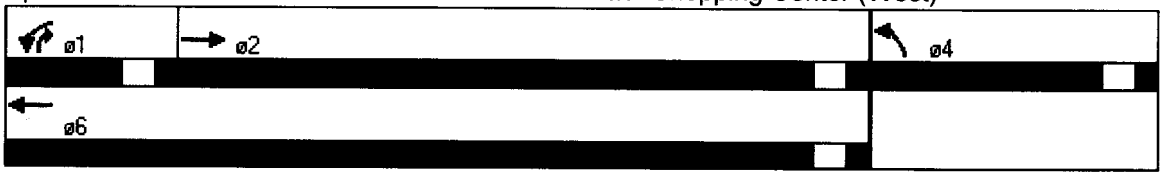
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑	↱	↰	↑	↰	↱
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		325	100		0	0
Storage Lanes		1	1		1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50	50
Trailing Detector (ft)	0	0	0	0	0	0
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.850				0.850
Flt Protected			0.950		0.950	
Satd. Flow (prot)	1863	1583	1770	1863	1770	1583
Flt Permitted			0.194		0.950	
Satd. Flow (perm)	1863	1583	361	1863	1770	1583
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		43				43
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	2079			295	320	
Travel Time (s)	47.3			6.7	7.3	
Volume (vph)	672	58	65	841	27	40
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	730	63	71	914	29	43
Lane Group Flow (vph)	730	63	71	914	29	43
Turn Type		Free	pm+pt			pm+ov
Protected Phases	2		1	6	4	1
Permitted Phases		Free	6			4
Detector Phases	2		1	6	4	1
Minimum Initial (s)	4.0		4.0	4.0	4.0	4.0
Minimum Split (s)	21.0		9.0	21.0	21.0	9.0
Total Split (s)	60.0	0.0	15.0	75.0	25.0	15.0
Total Split (%)	60.0%	0.0%	15.0%	75.0%	25.0%	15.0%
Maximum Green (s)	55.0		10.0	70.0	20.0	10.0
Yellow Time (s)	3.0		3.0	3.0	3.0	3.0
All-Red Time (s)	2.0		2.0	2.0	2.0	2.0
Lead/Lag	Lag		Lead			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0		3.0	3.0	3.0	3.0
Recall Mode	C-Max		None	C-Max	Max	None
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	61.4	100.0	71.0	71.0	21.0	32.7
Actuated g/C Ratio	0.61	1.00	0.71	0.71	0.21	0.33
v/c Ratio	0.64	0.04	0.19	0.69	0.08	0.08
Control Delay	16.4	0.1	5.6	11.7	32.5	7.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	16.4	0.1	5.6	11.7	32.5	7.5
LOS	B	A	A	B	C	A

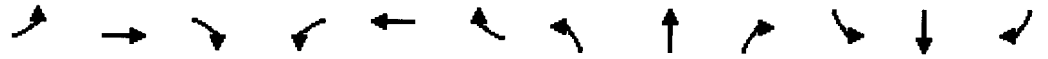
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Approach Delay	15.1			11.3	17.6	
Approach LOS	B			B	B	
Queue Length 50th (ft)	290	0	12	287	15	0
Queue Length 95th (ft)	432	0	24	421	39	23
Internal Link Dist (ft)	1999			215	240	
Turn Bay Length (ft)		325	100			
Base Capacity (vph)	1144	1583	411	1323	372	597
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.64	0.04	0.17	0.69	0.08	0.07

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 67 (67%), Referenced to phase 2:EBT and 6:WBTL, Start of Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.69
Intersection Signal Delay: 13.1 Intersection LOS: B
Intersection Capacity Utilization 54.3% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 8: U.S. Route 202 & Pace Setter Shopping Center (West)





Lane Group	EBL	EBT	EBR	WBL	WBT	WBR				SBL	SBR	
Lane Configurations		↑↑↱		↰	↑↑↱			✣				↱
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	100		0	0		0	0		0
Storage Lanes	0		0	1		0	0		0	0		1
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.991			0.996			0.925				0.865
Flt Protected				0.950				0.978				
Satd. Flow (prot)	0	3507	0	1770	3525	0	0	1685	0	0	0	1611
Flt Permitted				0.950				0.978				
Satd. Flow (perm)	0	3507	0	1770	3525	0	0	1685	0	0	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		133			584			96			161	
Travel Time (s)		3.0			13.3			2.2			3.7	
Volume (vph)	0	703	42	117	882	21	64	0	80	0	0	6
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	764	46	127	959	23	70	0	87	0	0	7
Lane Group Flow (vph)	0	810	0	127	982	0	0	157	0	0	0	7
Sign Control		Free			Free			Stop			Stop	

Intersection Summary

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 46.8%
Analysis Period (min) 15

ICU Level of Service A

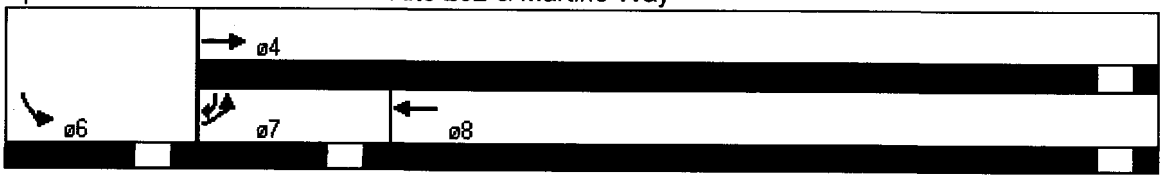
Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	120			0	100	0
Storage Lanes	1			0	1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50		50	50
Trailing Detector (ft)	0	0	0		0	0
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.997			0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1770	1863	1857	0	1770	1583
Flt Permitted	0.067				0.950	
Satd. Flow (perm)	125	1863	1857	0	1770	1583
Right Turn on Red				Yes		Yes
Satd. Flow (RTOR)			2			102
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		1621	750		397	
Travel Time (s)		36.8	17.0		9.0	
Volume (vph)	27	575	1024	21	37	122
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	29	625	1113	23	40	133
Lane Group Flow (vph)	29	625	1136	0	40	133
Turn Type	pm+pt					pm+ov
Protected Phases	7	4	8		6	7
Permitted Phases	4					6
Detector Phases	7	4	8		6	7
Minimum Initial (s)	4.0	4.0	4.0		4.0	4.0
Minimum Split (s)	9.0	21.0	21.0		15.0	9.0
Total Split (s)	15.0	75.0	60.0	0.0	15.0	15.0
Total Split (%)	16.7%	83.3%	66.7%	0.0%	16.7%	16.7%
Maximum Green (s)	10.0	70.0	55.0		10.0	10.0
Yellow Time (s)	3.0	3.0	3.0		3.0	3.0
All-Red Time (s)	2.0	2.0	2.0		2.0	2.0
Lead/Lag	Lead		Lag			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0	3.0	3.0		3.0	3.0
Recall Mode	None	None	None		Max	None
Walk Time (s)		5.0	5.0			
Flash Dont Walk (s)		11.0	11.0			
Pedestrian Calls (#/hr)		0	0			
Act Effct Green (s)	67.2	67.2	55.5		11.0	22.7
Actuated g/C Ratio	0.78	0.78	0.64		0.13	0.26
v/c Ratio	0.12	0.43	0.95		0.18	0.27
Control Delay	3.1	4.2	32.3		36.4	9.9
Queue Delay	0.0	0.0	0.0		0.0	0.0
Total Delay	3.1	4.2	32.3		36.4	9.9
LOS	A	A	C		D	A

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Approach Delay		4.1	32.3		16.0	
Approach LOS		A	C		B	
Queue Length 50th (ft)	3	85	499		20	13
Queue Length 95th (ft)	7	127	#881		50	56
Internal Link Dist (ft)		1541	670		317	
Turn Bay Length (ft)	120				100	
Base Capacity (vph)	296	1470	1201		226	532
Starvation Cap Reductn	0	0	0		0	0
Spillback Cap Reductn	0	0	0		0	0
Storage Cap Reductn	0	0	0		0	0
Reduced v/c Ratio	0.10	0.43	0.95		0.18	0.25

Intersection Summary

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 86.2
Natural Cycle: 80
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.95
Intersection Signal Delay: 21.5 Intersection LOS: C
Intersection Capacity Utilization 69.4% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 10: U.S. Route 202 & Martino Way



Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.999					0.865
Flt Protected						
Satd. Flow (prot)	1861	0	0	1863	0	1611
Flt Permitted						
Satd. Flow (perm)	1861	0	0	1863	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	295			888	334	
Travel Time (s)	6.7			20.2	7.6	
Volume (vph)	706	5	0	906	0	37
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	767	5	0	985	0	40
Lane Group Flow (vph)	772	0	0	985	0	40
Sign Control	Free			Free	Stop	

Intersection Summary

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 51.0% ICU Level of Service A
Analysis Period (min) 15

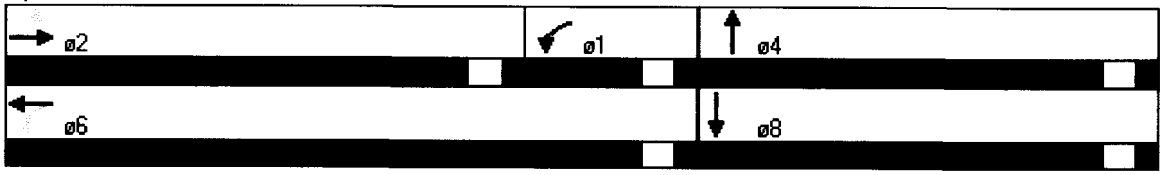
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations											
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	65		0	200		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.994			0.996			0.908			0.991	
Flt Protected	0.950			0.950				0.998			0.990	
Satd. Flow (prot)	1641	1849	0	1719	1851	0	0	1619	0	0	1695	0
Flt Permitted	0.098			0.299				0.988			0.923	
Satd. Flow (perm)	169	1849	0	541	1851	0	0	1603	0	0	1580	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			2			122			4	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		771			2678			516			293	
Travel Time (s)		17.5			60.9			11.7			6.7	
Volume (vph)	5	400	17	180	675	19	12	65	168	15	56	5
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles (%)	10%	2%	5%	5%	2%	10%	5%	10%	5%	10%	10%	10%
Adj. Flow (vph)	6	460	20	207	776	22	14	75	193	17	64	6
Lane Group Flow (vph)	6	480	0	207	798	0	0	282	0	0	87	0
Turn Type	Perm			pm+pt			Perm			Perm		
Protected Phases		2		1	6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		1	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		9.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	45.0	45.0	0.0	15.0	60.0	0.0	40.0	40.0	0.0	40.0	40.0	0.0
Total Split (%)	45.0%	45.0%	0.0%	15.0%	60.0%	0.0%	40.0%	40.0%	0.0%	40.0%	40.0%	0.0%
Maximum Green (s)	40.0	40.0		10.0	55.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lead	Lead		Lag								
Lead-Lag Optimize?	Yes	Yes		Yes								
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	Max		None	Max		None	None		None	None	
Walk Time (s)	5.0	5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0			0		0	0		0	0	
Act Effct Green (s)	41.2	41.2		56.3	56.3			14.5			14.5	
Actuated g/C Ratio	0.52	0.52		0.71	0.71			0.18			0.18	
v/c Ratio	0.07	0.50		0.38	0.60			0.72			0.30	
Control Delay	14.4	15.5		10.2	9.3			27.0			28.2	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	14.4	15.5		10.2	9.3			27.0			28.2	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR
LOS	B	B		B	A		C			C	
Approach Delay		15.5			9.5		27.0			28.2	
Approach LOS		B			A		C			C	
Queue Length 50th (ft)	1	141		27	161		72			35	
Queue Length 95th (ft)	9	260		68	348		142			70	
Internal Link Dist (ft)		691			2598		436			213	
Turn Bay Length (ft)	65			200							
Base Capacity (vph)	88	968		551	1322		655			571	
Starvation Cap Reductn	0	0		0	0		0			0	
Spillback Cap Reductn	0	0		0	0		0			0	
Storage Cap Reductn	0	0		0	0		0			0	
Reduced v/c Ratio	0.07	0.50		0.38	0.60		0.43			0.15	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 78.8
Natural Cycle: 60
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.72
Intersection Signal Delay: 14.6 — Intersection LOS: B
Intersection Capacity Utilization 65.3% — ICU Level of Service C
Analysis Period (min) 15

Splits and Phases: 12: U.S. Route 202 & NYS Route 306

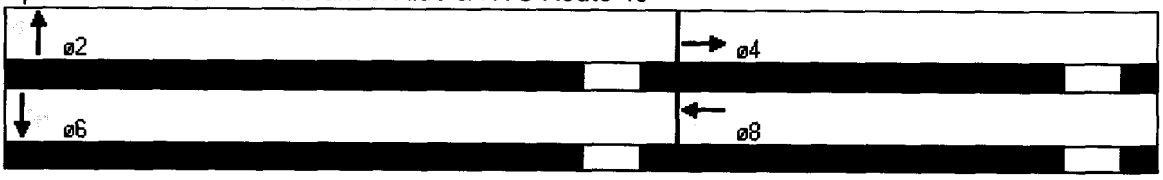


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.91	0.91	0.91	1.00	1.00	1.00
Frt		0.930			0.980			0.980			0.996	
Flt Protected		0.977			0.960			0.999			0.999	
Satd. Flow (prot)	0	1693	0	0	1752	0	0	4979	0	0	1853	0
Flt Permitted		0.855			0.745			0.935			0.990	
Satd. Flow (perm)	0	1481	0	0	1360	0	0	4660	0	0	1837	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			16			63			3	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		217			405			345			271	
Travel Time (s)		4.9			9.2			7.8			6.2	
Volume (vph)	10	0	11	238	5	42	5	370	58	11	566	16
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	11	0	12	259	5	46	5	402	63	12	615	17
Lane Group Flow (vph)	0	23	0	0	310	0	0	470	0	0	644	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phases	4	4		8	8		2	2		6	6	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	25.0	0.0	25.0	25.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	41.7%	41.7%	0.0%	41.7%	41.7%	0.0%	58.3%	58.3%	0.0%	58.3%	58.3%	0.0%
Maximum Green (s)	20.0	20.0		20.0	20.0		30.0	30.0		30.0	30.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Min	Min		Min	Min	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		15.4			15.4			25.1			25.1	
Actuated g/C Ratio		0.32			0.32			0.51			0.51	
v/c Ratio		0.05			0.70			0.19			0.68	
Control Delay		9.5			23.4			6.3			14.3	
Queue Delay		0.0			0.0			0.0			1.7	
Total Delay		9.5			23.4			6.3			15.9	
LOS		A			C			A			B	
Approach Delay		9.5			23.4			6.3			15.9	
Approach LOS		A			C			A			B	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Queue Length 50th (ft)	2			64			20			123		
Queue Length 95th (ft)	15			164			41			264		
Internal Link Dist (ft)	137			325			265			191		
Turn Bay Length (ft)												
Base Capacity (vph)	588			543			2691			1052		
Starvation Cap Reductn	0			0			0			239		
Spillback Cap Reductn	0			0			0			0		
Storage Cap Reductn	0			0			0			0		
Reduced v/c Ratio	0.04			0.57			0.17			0.79		

Area Type: Other
Cycle Length: 60
Actuated Cycle Length: 48.8
Natural Cycle: 55
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.70
Intersection Signal Delay: 14.3 **Intersection LOS: B**
Intersection Capacity Utilization 68.9% ICU Level of Service C
Analysis Period (min) 15

Splits and Phases: 13: Park & Ride & NYS Route 45



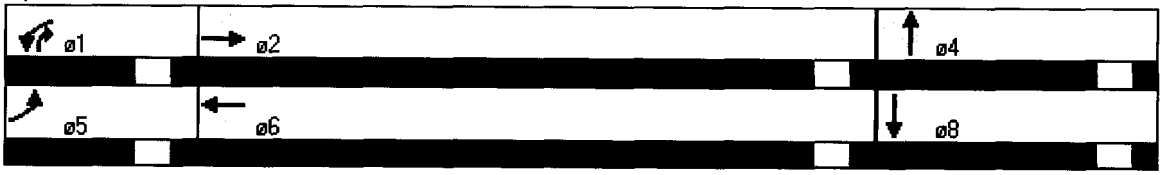
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	12	11	12	12	12	10	10	12	16	12
Storage Length (ft)	115		0	130		0	0		75	0		0
Storage Lanes	1		0	1		0	0		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0		0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.998			0.995				0.850		0.965	
Flt Protected	0.950			0.950				0.950			0.964	
Satd. Flow (prot)	1711	1797	0	1711	1853	0	0	1652	1478	0	1964	0
Flt Permitted	0.111			0.336				0.744			0.777	
Satd. Flow (perm)	200	1797	0	605	1853	0	0	1293	1478	0	1583	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			3				29		17	
Headway Factor	1.04	1.04	1.00	1.04	1.00	1.00	1.00	1.09	1.09	1.00	0.85	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		561			602			295			370	
Travel Time (s)		12.8			13.7			6.7			8.4	
Volume (vph)	6	488	7	11	761	27	50	0	27	48	0	17
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	7	530	8	12	827	29	54	0	29	52	0	18
Lane Group Flow (vph)	7	538	0	12	856	0	0	54	29	0	70	0
Turn Type	pm+pt			pm+pt			Perm		pm+ov	Perm		
Protected Phases	5	2		1	6			4	1		8	
Permitted Phases	2			6			4		4	8		
Detector Phases	5	2		1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0		9.0	21.0		21.0	21.0	9.0	21.0	21.0	
Total Split (s)	15.0	53.0	0.0	15.0	53.0	0.0	22.0	22.0	15.0	22.0	22.0	0.0
Total Split (%)	16.7%	58.9%	0.0%	16.7%	58.9%	0.0%	24.4%	24.4%	16.7%	24.4%	24.4%	0.0%
Maximum Green (s)	10.0	48.0		10.0	48.0		17.0	17.0	10.0	17.0	17.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lead	Lag		Lead	Lag				Lead			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	Max		None	Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0			0		0	0		0	0	
Act Effct Green (s)	68.9	65.0		71.1	69.9			10.5	19.4		10.5	
Actuated g/C Ratio	0.71	0.73		0.77	0.79			0.12	0.21		0.12	
v/c Ratio	0.03	0.41		0.02	0.59			0.36	0.09		0.35	
Control Delay	4.0	7.6		2.7	8.0			37.0	8.7		28.4	
Queue Delay	0.0	0.0		0.0	0.0			0.0	0.0		0.0	
Total Delay	4.0	7.6		2.7	8.0			37.0	8.7		28.4	

Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
LOS	A	A		A	A		D	A		C	
Approach Delay		7.6			7.9		27.1			28.4	
Approach LOS		A			A		C			C	
Queue Length 50th (ft)	1	118		1	127		24	0		23	
Queue Length 95th (ft)	4	217		5	449		58	18		60	
Internal Link Dist (ft)		481			522		215			290	
Turn Bay Length (ft)	115			130				75			
Base Capacity (vph)	309	1318		577	1462		245	341		313	
Starvation Cap Reductn	0	0		0	0		0	0		0	
Spillback Cap Reductn	0	0		0	0		0	0		0	
Storage Cap Reductn	0	0		0	0		0	0		0	
Reduced v/c Ratio	0.02	0.41		0.02	0.59		0.22	0.09		0.22	

Intersection Summary

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 88.6
Natural Cycle: 70
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.59
Intersection Signal Delay: 9.7 — Intersection LOS: A
Intersection Capacity Utilization 58.7% — ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 14: U.S. Route 202 & Balsam Road



Lane Group	NBL	NBT	SBT	SBR	NEL	NER
Lane Configurations		↑	↱			
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.985			
Flt Protected						
Satd. Flow (prot)	0	1863	1835	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1863	1835	0	0	0
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		175	345		567	
Travel Time (s)		4.0	7.8		12.9	
Volume (vph)	0	433	723	92	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	471	786	100	0	0
Lane Group Flow (vph)	0	471	886	0	0	0
Sign Control		Free	Free		Free	

Intersection Summary

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 47.0% ICU Level of Service A
Analysis Period (min) 15

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	50		0	150		0	0		0	0		0
Storage Lanes	1		1	1		0	1		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0	0	0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00
Frt			0.850						0.850		0.893	
Flt Protected	0.950			0.950			0.950	0.955			0.995	
Satd. Flow (prot)	1770	1863	1583	1770	1863	0	1681	1690	1583	0	1655	0
Flt Permitted	0.144			0.096			0.950	0.955			0.995	
Satd. Flow (perm)	268	1863	1583	179	1863	0	1681	1690	1583	0	1655	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			385						254		39	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		354			1113			271			367	
Travel Time (s)		8.0			25.3			6.2			8.3	
Volume (vph)	11	732	366	197	597	2	387	11	504	5	5	37
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	12	771	385	207	628	2	407	12	531	5	5	39
Lane Group Flow (vph)	12	771	385	207	630	0	204	215	531	0	49	0
Turn Type	pm+pt		pm+ov	pm+pt			Split		pm+ov	Split		
Protected Phases	5	2	4	1	6		4	4	1	8	8	
Permitted Phases	2		2	6					4			
Detector Phases	5	2	4	1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0	20.0	9.0	21.0		20.0	20.0	9.0	13.5	13.5	
Total Split (s)	20.0	45.5	21.0	20.0	45.5	0.0	21.0	21.0	20.0	13.5	13.5	0.0
Total Split (%)	20.0%	45.5%	21.0%	20.0%	45.5%	0.0%	21.0%	21.0%	20.0%	13.5%	13.5%	0.0%
Maximum Green (s)	15.0	40.5	16.0	15.0	40.5		16.0	16.0	15.0	8.5	8.5	
Yellow Time (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lag	Lead		Lag	Lead				Lag			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	C-Max	None	None	C-Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0							
Flash Dont Walk (s)		11.0			11.0							
Pedestrian Calls (#/hr)		0			0							
Act Effct Green (s)	55.5	47.1	64.1	65.6	62.4		16.1	16.1	35.4		7.6	
Actuated g/C Ratio	0.56	0.47	0.64	0.66	0.62		0.16	0.16	0.35		0.08	
v/c Ratio	0.04	0.88	0.33	0.57	0.54		0.75	0.79	0.73		0.30	
Control Delay	7.9	31.4	1.4	33.3	16.4		58.0	61.3	20.6		22.9	
Queue Delay	0.0	31.1	0.1	1.0	0.0		2.9	3.9	28.1		0.0	
Total Delay	7.9	62.5	1.5	34.3	16.4		61.0	65.2	48.7		23.0	
LOS	A	E	A	C	B		E	E	D		C	

Lane Group	EBL			WBL	WBT							
Approach Delay		41.8			20.8			55.1			23.0	
Approach LOS		D			C			E			C	
Queue Length 50th (ft)	3	317	0	61	198		130	138	149		6	
Queue Length 95th (ft)	m4	#739	m33	144	#538		#235	#253	279		41	
Internal Link Dist (ft)		274			1033			191			287	
Turn Bay Length (ft)	50			150								
Base Capacity (vph)	409	878	1153	373	1162		286	287	724		193	
Starvation Cap Reductn	0	148	193	0	0		29	29	209		0	
Spillback Cap Reductn	0	0	39	46	8		0	0	0		2	
Storage Cap Reductn	0	0	0	0	0		0	0	0		0	
Reduced v/c Ratio	0.03	1.06	0.40	0.63	0.55		0.79	0.83	1.03		0.26	

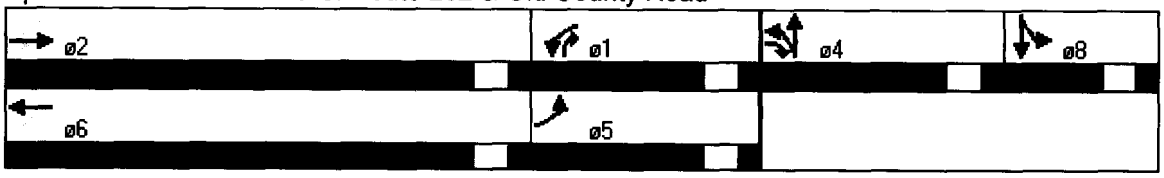
Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 0 (0%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green, Master Intersection
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.88
Intersection Signal Delay: 39.9 Intersection LOS: D
Intersection Capacity Utilization 83.1% ICU Level of Service E
Analysis Period (min) 15

\# 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: U.S. Route 202 & Old County Road



Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	630		0	115		0	0		0	0		0
Storage Lanes	1		0	1		1	0		1	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50			50	50			50	50		50
Trailing Detector (ft)	0	0			0	0			0	0		0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999				0.850			0.865			0.850
Flt Protected	0.950									0.950		
Satd. Flow (prot)	1770	1861	0	0	3539	1583	0	0	1611	1770	0	1583
Flt Permitted	0.238									0.950		
Satd. Flow (perm)	443	1861	0	0	3539	1583	0	0	1611	1770	0	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1				293			168			72
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		861			354			89			606	
Travel Time (s)		19.6			8.0			2.0			13.8	
Volume (vph)	296	784	5	0	735	286	0	0	16	308	0	885
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	312	825	5	0	774	301	0	0	17	324	0	932
Lane Group Flow (vph)	312	830	0	0	774	301	0	0	17	324	0	932
Turn Type	pm+pt					Free			custom	custom		custom
Protected Phases	5	2			6							8
Permitted Phases	2					Free			4	8		5
Detector Phases	5	2			6				4	8		8
Minimum Initial (s)	4.0	4.0			4.0				4.0	4.0		4.0
Minimum Split (s)	9.0	21.0			21.0				9.0	21.0		21.0
Total Split (s)	20.0	62.0	0.0	0.0	42.0	0.0	0.0	0.0	38.0	38.0	0.0	38.0
Total Split (%)	20.0%	62.0%	0.0%	0.0%	42.0%	0.0%	0.0%	0.0%	38.0%	38.0%	0.0%	38.0%
Maximum Green (s)	15.0	57.0			37.0				33.0	33.0		33.0
Yellow Time (s)	3.0	3.0			3.0				3.0	3.0		3.0
All-Red Time (s)	2.0	2.0			2.0				2.0	2.0		2.0
Lead/Lag	Lag				Lead							
Lead-Lag Optimize?	Yes				Yes							
Vehicle Extension (s)	3.0	3.0			3.0				3.0	3.0		3.0
Recall Mode	None	C-Max			C-Max				None	Max		Max
Walk Time (s)		5.0			5.0					5.0		5.0
Flash Dont Walk (s)		11.0			11.0					11.0		11.0
Pedestrian Calls (#/hr)		0			0					0		0
Act Effct Green (s)	58.0	58.0			38.0	100.0			12.0	34.0		54.0
Actuated g/C Ratio	0.58	0.58			0.38	1.00			0.12	0.34		0.54
v/c Ratio	0.67	0.77			0.58	0.19			0.05	0.54		1.05
Control Delay	28.2	18.7			23.4	0.2			0.2	24.4		55.2
Queue Delay	0.0	1.1			1.8	0.0			0.0	0.6		3.1
Total Delay	28.2	19.8			25.2	0.2			0.2	25.1		58.3
LOS	C	B			C	A			A	C		E

Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		22.1		18.2						
Approach LOS		C		B						
Queue Length 50th (ft)	83	423		178	0		0	115		~614
Queue Length 95th (ft)	m155	588		207	m0		0	m201		m#823
Internal Link Dist (ft)		781		274		9			526	
Turn Bay Length (ft)	630									
Base Capacity (vph)	469	1080		1345	1583		659	602		888
Starvation Cap Reductn	0	0		389	0		0	0		7
Spillback Cap Reductn	0	88		0	0		82	80		0
Storage Cap Reductn	0	0		0	0		0	0		0
Reduced v/c Ratio	0.67	0.84		0.81	0.19		0.03	0.62		1.06

Intersection Summary

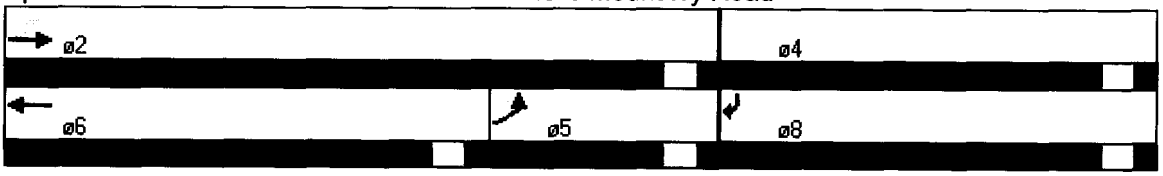
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 0 (0%), Referenced to phase 2:EBTL and 6:WBT, Start of Green
Natural Cycle: 75
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.05
Intersection Signal Delay: 30.7 Intersection LOS: C
Intersection Capacity Utilization 81.8% ICU Level of Service D
Analysis Period (min) 15

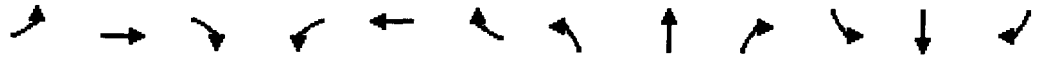
~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: U.S. Route 202 & Thiells Mount Ivy Road





Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	125		0	60		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	50
Trailing Detector (ft)	0	0		0	0		0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999			0.947			0.955				0.850
Flt Protected	0.950			0.950				0.984			0.954	
Satd. Flow (prot)	1770	3536	0	1770	3352	0	0	1750	0	0	1777	1583
Flt Permitted	0.080			0.248				0.919			0.721	
Satd. Flow (perm)	149	3536	0	462	3352	0	0	1635	0	0	1343	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			134			5				189
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		584			861			109			648	
Travel Time (s)		13.3			19.6			2.5			14.7	
Volume (vph)	378	915	5	16	1042	563	5	5	5	165	5	180
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	398	963	5	17	1097	593	5	5	5	174	5	189
Lane Group Flow (vph)	398	968	0	17	1690	0	0	15	0	0	179	189
Turn Type	pm+pt			Perm			Perm			Perm		Free
Protected Phases	5	2			6			4			8	
Permitted Phases	2			6			4			8		Free
Detector Phases	5	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	9.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	75.0	0.0	50.0	50.0	0.0	25.0	25.0	0.0	25.0	25.0	0.0
Total Split (%)	25.0%	75.0%	0.0%	50.0%	50.0%	0.0%	25.0%	25.0%	0.0%	25.0%	25.0%	0.0%
Maximum Green (s)	20.0	70.0		45.0	45.0		20.0	20.0		20.0	20.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lag			Lead	Lead							
Lead-Lag Optimize?	Yes			Yes	Yes							
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	C-Max		C-Max	C-Max		None	None		None	None	
Walk Time (s)		5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0		0	0		0	0		0	0	
Act Effct Green (s)	74.2	74.2		49.2	49.2			17.8			17.8	100.0
Actuated g/C Ratio	0.74	0.74		0.49	0.49			0.18			0.18	1.00
v/c Ratio	0.88	0.37		0.07	0.98			0.05			0.75	0.12
Control Delay	53.7	5.4		10.9	28.4			25.9			52.5	0.1
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	0.0
Total Delay	53.7	5.4		10.9	28.4			25.9			52.5	0.1
LOS	D	A		B	C			C			D	A

Lane Group	EBL	EBT	WBL	WBR	NBT	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		19.5			28.3		25.9			25.6	
Approach LOS		B			C		C			C	
Queue Length 50th (ft)	192	103		4	~348		5			113	0
Queue Length 95th (ft)	#368	143		m6	m#611		22			m171	m0
Internal Link Dist (ft)		504			781		29			568	
Turn Bay Length (ft)	125			60							
Base Capacity (vph)	451	2624		227	1717		347			282	1583
Starvation Cap Reductn	0	0		0	0		0			0	0
Spillback Cap Reductn	0	0		0	0		0			0	0
Storage Cap Reductn	0	0		0	0		0			0	0
Reduced v/c Ratio	0.88	0.37		0.07	0.98		0.04			0.63	0.12

Intersection Summary

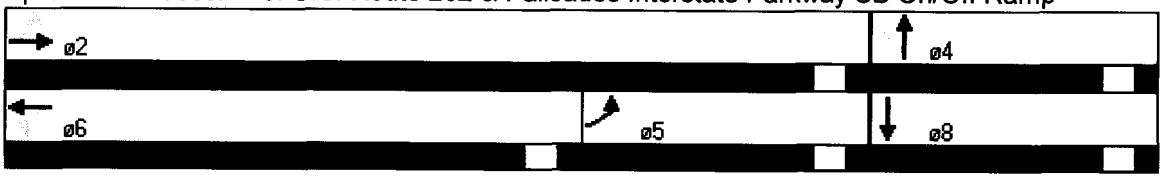
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 95 (95%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.98
Intersection Signal Delay: 24.5 Intersection LOS: C
Intersection Capacity Utilization 93.8% ICU Level of Service F
Analysis Period (min) 15

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 3: U.S. Route 202 & Palisades Interstate Parkway SB On/Off Ramp



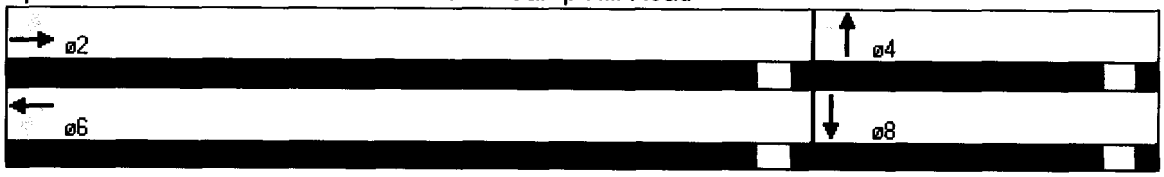
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.998			0.979			0.896			0.963	
Flt Protected		0.998			0.996			0.998			0.970	
Satd. Flow (prot)	0	1847	0	0	1790	0	0	1603	0	0	1613	0
Flt Permitted		0.918			0.861			0.992			0.696	
Satd. Flow (perm)	0	1699	0	0	1547	0	0	1594	0	0	1158	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			19			113			19	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1043			2079			480			458	
Travel Time (s)		23.7			47.3			10.9			10.4	
Volume (vph)	42	787	11	84	714	145	5	27	107	90	16	41
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	10%	2%	5%	5%	2%	10%	5%	10%	5%	10%	10%	10%
Adj. Flow (vph)	44	828	12	88	752	153	5	28	113	95	17	43
Lane Group Flow (vph)	0	884	0	0	993	0	0	146	0	0	155	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		2			6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	70.0	70.0	0.0	70.0	70.0	0.0	30.0	30.0	0.0	30.0	30.0	0.0
Total Split (%)	70.0%	70.0%	0.0%	70.0%	70.0%	0.0%	30.0%	30.0%	0.0%	30.0%	30.0%	0.0%
Maximum Green (s)	65.0	65.0		65.0	65.0		25.0	25.0		25.0	25.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Min	Min		Min	Min		None	None		None	None	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		63.8			63.8			16.4			16.4	
Actuated g/C Ratio		0.72			0.72			0.19			0.19	
v/c Ratio		0.72			0.88			0.38			0.67	
Control Delay		12.9			22.8			12.5			43.6	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		12.9			22.8			12.5			43.6	
LOS		B			C			B			D	
Approach Delay		12.9			22.8			12.5			43.6	

Lane Group	EBL	EB		
Approach LOS	B	C	B	D
Queue Length 50th (ft)	243	358	16	73
Queue Length 95th (ft)	547	#880	65	138
Internal Link Dist (ft)	963	1999	400	378
Turn Bay Length (ft)				
Base Capacity (vph)	1241	1134	508	323
Starvation Cap Reductn	0	0	0	0
Spillback Cap Reductn	0	0	0	0
Storage Cap Reductn	0	0	0	0
Reduced v/c Ratio	0.71	0.88	0.29	0.48

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 88.3
Natural Cycle: 80
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.88
Intersection Signal Delay: 19.6 Intersection LOS: B
Intersection Capacity Utilization 103.1% ICU Level of Service G
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 4: U.S. Route 202 & Camp Hill Road



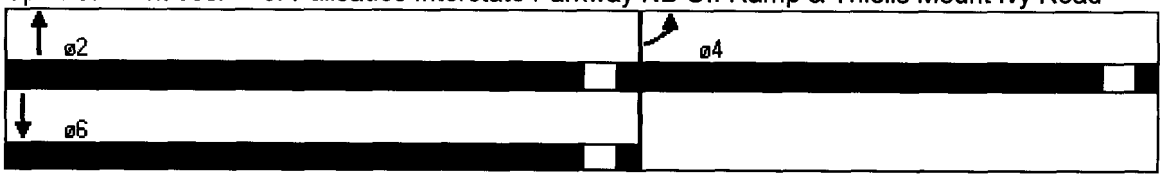
Lane Group			NBL	NBT	SBT	
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	50	0			0
Storage Lanes	1	1	0			0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	
Trailing Detector (ft)	0	0		0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.850				
Flt Protected	0.950					
Satd. Flow (prot)	1770	1583	0	1863	1863	0
Flt Permitted	0.950					
Satd. Flow (perm)	1770	1583	0	1863	1863	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		202				
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	336			606	245	
Travel Time (s)	7.6			13.8	5.6	
Volume (vph)	371	588	0	582	605	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	403	639	0	633	658	0
Lane Group Flow (vph)	403	639	0	633	658	0
Turn Type		Perm				
Protected Phases	4			2	6	
Permitted Phases		4				
Detector Phases	4	4		2	6	
Minimum Initial (s)	4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0	
Total Split (s)	45.0	45.0	0.0	55.0	55.0	0.0
Total Split (%)	45.0%	45.0%	0.0%	55.0%	55.0%	0.0%
Maximum Green (s)	40.0	40.0		50.0	50.0	
Yellow Time (s)	3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0		3.0	3.0	
Recall Mode	Max	Max		C-Min	C-Min	
Walk Time (s)	5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0	
Act Effct Green (s)	52.2	52.2		39.8	39.8	
Actuated g/C Ratio	0.52	0.52		0.40	0.40	
v/c Ratio	0.44	0.69		0.85	0.89	
Control Delay	18.8	18.6		38.0	42.0	
Queue Delay	0.0	0.0		0.2	0.7	
Total Delay	18.8	18.7		38.2	42.6	
LOS	B	B		D	D	

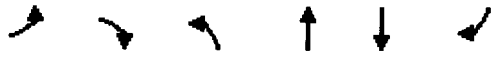
Lane Group	EBL	EBT			
Approach Delay	18.7		38.2	42.6	
Approach LOS	B		D	D	
Queue Length 50th (ft)	153	201	409	380	
Queue Length 95th (ft)	287	#472	466	438	
Internal Link Dist (ft)	256		526	165	
Turn Bay Length (ft)		50			
Base Capacity (vph)	924	923	950	950	
Starvation Cap Reductn	0	0	45	0	
Spillback Cap Reductn	0	8	0	83	
Storage Cap Reductn	0	0	0	0	
Reduced v/c Ratio	0.44	0.70	0.70	0.76	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 50 (50%), Referenced to phase 2:NBT and 6:SBT, Start of Green
Natural Cycle: 55
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.89
Intersection Signal Delay: 30.8 Intersection LOS: C
Intersection Capacity Utilization 74.9% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 5: Palisades Interstate Parkway NB Off Ramp & Thiells Mount Ivy Road





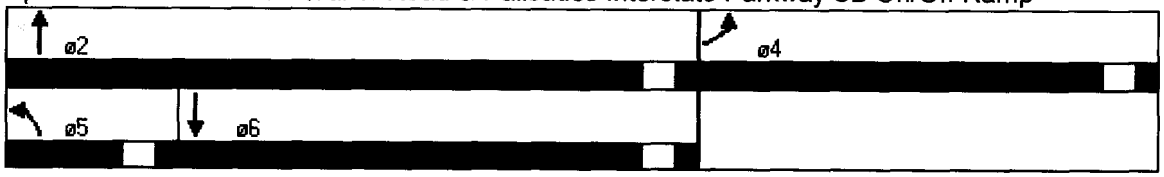
Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0	100			0
Storage Lanes	1	0	1			0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50		50	50	50	
Trailing Detector (ft)	0		0	0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.932				0.997	
Flt Protected	0.976		0.950			
Satd. Flow (prot)	1694	0	1770	1863	1857	0
Flt Permitted	0.976		0.483			
Satd. Flow (perm)	1694	0	900	1863	1857	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	58				1	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	380			648	183	
Travel Time (s)	8.6			14.7	4.2	
Volume (vph)	127	131	205	740	219	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	138	142	223	804	238	5
Lane Group Flow (vph)	280	0	223	804	243	0
Turn Type			pm+pt			
Protected Phases	4		5	2	6	
Permitted Phases			2			
Detector Phases	4		5	2	6	
Minimum Initial (s)	4.0		4.0	4.0	4.0	
Minimum Split (s)	21.0		15.0	21.0	21.0	
Total Split (s)	40.0	0.0	15.0	60.0	45.0	0.0
Total Split (%)	40.0%	0.0%	15.0%	60.0%	45.0%	0.0%
Maximum Green (s)	35.0		10.0	55.0	40.0	
Yellow Time (s)	3.0		3.0	3.0	3.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		Max	C-Max	C-Max	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	18.7		73.3	73.3	41.0	
Actuated g/C Ratio	0.19		0.73	0.73	0.41	
v/c Ratio	0.77		0.25	0.59	0.32	
Control Delay	44.0		0.8	1.5	21.4	
Queue Delay	0.0		0.0	0.4	0.0	
Total Delay	44.0		0.8	1.9	21.4	
LOS	D		A	A	C	

Lane Group	EBL	EBR	NBL	NBT	SBT
Approach Delay	44.0			1.7	21.4
Approach LOS	D			A	C
Queue Length 50th (ft)	136		3	11	102
Queue Length 95th (ft)	208		m5	m37	162
Internal Link Dist (ft)	300			568	103
Turn Bay Length (ft)			100		
Base Capacity (vph)	647		906	1366	762
Starvation Cap Reductn	0		0	185	0
Spillback Cap Reductn	0		0	0	0
Storage Cap Reductn	0		0	0	0
Reduced v/c Ratio	0.43		0.25	0.68	0.32

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 40 (40%), Referenced to phase 2:NBTL and 6:SBT, Start of Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.77
Intersection Signal Delay: 12.4 Intersection LOS: B
Intersection Capacity Utilization 60.7% **ICU Level of Service B**
Analysis Period (min) 15
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 6: Quaker Road & Palisades Interstate Parkway SB On/Off Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR						
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	15	12	12	12	12
Storage Length (ft)	150		150	150		0	0		0	0		0
Storage Lanes	1		1	1		1	0		0	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	50	50	50		50	50	50
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00
Frt		0.999				0.850		0.924				0.850
Flt Protected	0.950			0.950				0.978		0.950	0.953	
Satd. Flow (prot)	1770	3536	0	1770	1863	1583	0	1852	0	1681	1686	1583
Flt Permitted	0.091			0.308				0.978		0.950	0.953	
Satd. Flow (perm)	170	3536	0	574	1863	1583	0	1852	0	1681	1686	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1				248		28				179
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.88	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		888			257			88			206	
Travel Time (s)		20.2			5.8			2.0			4.7	
Volume (vph)	258	878	5	21	795	236	21	0	27	383	1	286
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	272	924	5	22	837	248	22	0	28	403	1	301
Lane Group Flow (vph)	272	929	0	22	837	248	0	50	0	202	202	301
Turn Type	pm+pt			Perm		pm+ov	Split			Split		pm+ov
Protected Phases	5	2			6	4	8	8		4	4	5
Permitted Phases	2			6		6						4
Detector Phases	5	2		6	6	4	8	8		4	4	5
Minimum Initial (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Minimum Split (s)	9.0	21.0		21.0	21.0	17.0	11.0	11.0		17.0	17.0	9.0
Total Split (s)	16.5	60.5	0.0	44.0	44.0	18.5	11.0	11.0	0.0	18.5	18.5	16.5
Total Split (%)	18.3%	67.2%	0.0%	48.9%	48.9%	20.6%	12.2%	12.2%	0.0%	20.6%	20.6%	18.3%
Maximum Green (s)	11.5	55.5		39.0	39.0	13.5	6.0	6.0		13.5	13.5	11.5
Yellow Time (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
All-Red Time (s)	2.0	2.0		2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0
Lead/Lag	Lead			Lag	Lag							Lead
Lead-Lag Optimize?	Yes			Yes	Yes							Yes
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
Recall Mode	None	C-Max		C-Max	C-Max	None	None	None		None	None	None
Walk Time (s)		5.0		5.0	5.0							
Flash Dont Walk (s)		11.0		11.0	11.0							
Pedestrian Calls (#/hr)		0		0	0							
Act Effct Green (s)	61.5	61.5		45.6	45.6	63.4		6.8		13.9	13.9	27.4
Actuated g/C Ratio	0.68	0.68		0.51	0.51	0.70		0.08		0.15	0.15	0.30
v/c Ratio	0.83	0.38		0.08	0.89	0.21		0.30		0.78	0.78	0.50
Control Delay	40.9	7.5		15.3	35.9	1.3		27.1		58.0	57.6	9.9
Queue Delay	0.0	0.0		0.0	0.0	0.0		0.0		0.0	0.0	0.0
Total Delay	40.9	7.5		15.3	35.9	1.3		27.1		58.0	57.6	9.9

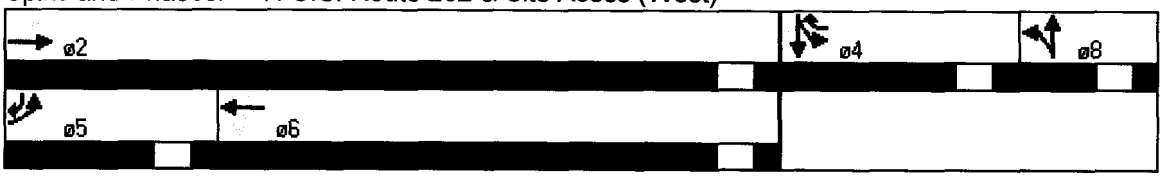
LOS	D	A		B	D	A	C		E	E	A	
Approach Delay		15.1			27.7		27.1			37.4		
Approach LOS		B			C		C			D		
Queue Length 50th (ft)	98	126		7	~474	0	12		116	116	39	
Queue Length 95th (ft)	#231	164		22	#729	24	47		#226	#225	92	
Internal Link Dist (ft)		808			177		8			126		
Turn Bay Length (ft)	150			150								
Base Capacity (vph)	340	2417		290	943	1198	170		271	272	616	
Starvation Cap Reductn	0	0		0	0	0	0		0	0	0	
Spillback Cap Reductn	0	0		0	0	0	0		0	0	0	
Storage Cap Reductn	0	0		0	0	0	0		0	0	0	
Reduced v/c Ratio	0.80	0.38		0.08	0.89	0.21	0.29		0.75	0.74	0.49	

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 90
Offset: 20 (22%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.89
Intersection Signal Delay: 25.0 Intersection LOS: C
Intersection Capacity Utilization 83.4% ICU Level of Service E
Analysis Period (min) 15

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 7: U.S. Route 202 & Site Acess (West)



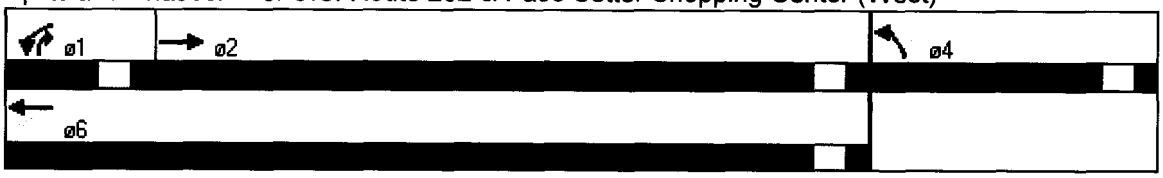
Lane Group			WBL	WBT	NBL	
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		325	100		0	0
Storage Lanes		1	1		1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50	50
Trailing Detector (ft)	0	0	0	0	0	0
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.850				0.850
Flt Protected			0.950		0.950	
Satd. Flow (prot)	1863	1583	1770	1863	1770	1583
Flt Permitted			0.065		0.950	
Satd. Flow (perm)	1863	1583	121	1863	1770	1583
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		56				94
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	2079			295	320	
Travel Time (s)	47.3			6.7	7.3	
Volume (vph)	951	106	216	832	138	89
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	1001	112	227	876	145	94
Lane Group Flow (vph)	1001	112	227	876	145	94
Turn Type		Free	pm+pt			pm+ov
Protected Phases	2		1	6	4	1
Permitted Phases		Free	6			4
Detector Phases	2		1	6	4	1
Minimum Initial (s)	4.0		4.0	4.0	4.0	4.0
Minimum Split (s)	21.0		9.0	21.0	21.0	9.0
Total Split (s)	62.0	0.0	13.0	75.0	25.0	13.0
Total Split (%)	62.0%	0.0%	13.0%	75.0%	25.0%	13.0%
Maximum Green (s)	57.0		8.0	70.0	20.0	8.0
Yellow Time (s)	3.0		3.0	3.0	3.0	3.0
All-Red Time (s)	2.0		2.0	2.0	2.0	2.0
Lead/Lag	Lag		Lead			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0		3.0	3.0	3.0	3.0
Recall Mode	C-Max		None	C-Max	Max	None
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	58.0	100.0	71.0	71.0	21.0	34.0
Actuated g/C Ratio	0.58	1.00	0.71	0.71	0.21	0.34
v/c Ratio	0.93	0.07	0.97	0.66	0.39	0.16
Control Delay	34.9	0.1	77.8	11.0	37.7	5.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	34.9	0.1	77.8	11.0	37.7	5.7
LOS	C	A	E	B	D	A

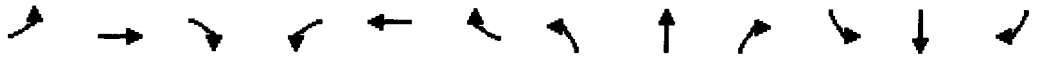
Lane Group						
Approach Delay	**31.4**			**24.7**	**25.1**	
Approach LOS	C			C	C	
Queue Length 50th (ft)	**541**	**0**	**94**	**264**	**80**	**0**
Queue Length 95th (ft)	#856	0	#245	386	139	34
Internal Link Dist (ft)	**1999**			**215**	**240**	
Turn Bay Length (ft)		325	100			
Base Capacity (vph)	**1081**	**1583**	**234**	**1323**	**372**	**600**
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	**0**	**0**	**0**	**0**	**0**	**0**
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	**0.93**	**0.07**	**0.97**	**0.66**	**0.39**	**0.16**

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 56 (56%), Referenced to phase 2:EBT and 6:WBTL, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.97
Intersection Signal Delay: 27.8 — Intersection LOS: C
Intersection Capacity Utilization 79.7% — **ICU Level of Service D**
Analysis Period (min) 15
 # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 8: U.S. Route 202 & Pace Setter Shopping Center (West)





Lane Group	EBL	EBT	EBR	WBL	WBT							
Lane Configurations		↑↑↱		↰	↑↑↱			✥				↱
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	100		0	0		0	0		0
Storage Lanes	0		0	1		0	0		0	0		1
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.997			0.973			0.914				
Flt Protected				0.950				0.982				
Satd. Flow (prot)	0	3529	0	1770	3444	0	0	1672	0	0	0	1863
Flt Permitted				0.950				0.982				
Satd. Flow (perm)	0	3529	0	1770	3444	0	0	1672	0	0	0	1863
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		133			584			96			161	
Travel Time (s)		3.0			13.3			2.2			3.7	
Volume (vph)	0	1261	27	32	978	217	21	0	37	0	0	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	0	1327	28	34	1029	228	22	0	39	0	0	0
Lane Group Flow (vph)	0	1355	0	34	1257	0	0	61	0	0	0	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary

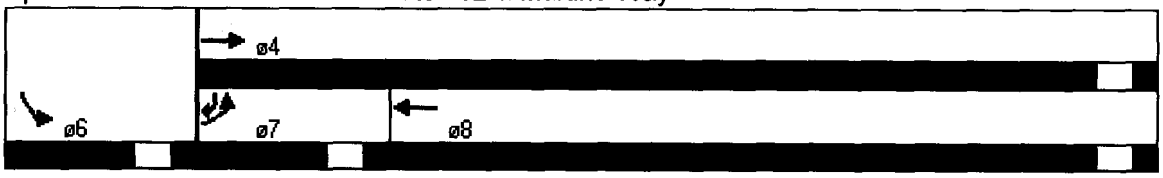
Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 45.8% **ICU Level of Service A**
Analysis Period (min) 15

Lane Group	EBL	EBT	WBT	WBR	SBL	
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	120			0	100	0
Storage Lanes	1			0	1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50		50	50
Trailing Detector (ft)	0	0	0		0	0
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.996			0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1770	1863	1855	0	1770	1583
Flt Permitted	0.160				0.950	
Satd. Flow (perm)	298	1863	1855	0	1770	1583
Right Turn on Red				Yes		Yes
Satd. Flow (RTOR)			4			44
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		1621	750		397	
Travel Time (s)		36.8	17.0		9.0	
Volume (vph)	117	1277	799	27	16	42
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	123	1344	841	28	17	44
Lane Group Flow (vph)	123	1344	869	0	17	44
Turn Type	pm+pt					pm+ov
Protected Phases	7	4	8		6	7
Permitted Phases	4					6
Detector Phases	7	4	8		6	7
Minimum Initial (s)	4.0	4.0	4.0		4.0	4.0
Minimum Split (s)	9.0	21.0	21.0		15.0	9.0
Total Split (s)	15.0	75.0	60.0	0.0	15.0	15.0
Total Split (%)	16.7%	83.3%	66.7%	0.0%	16.7%	16.7%
Maximum Green (s)	10.0	70.0	55.0		10.0	10.0
Yellow Time (s)	3.0	3.0	3.0		3.0	3.0
All-Red Time (s)	2.0	2.0	2.0		2.0	2.0
Lead/Lag	Lead		Lag			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0	3.0	3.0		3.0	3.0
Recall Mode	None	None	None		Max	None
Walk Time (s)		5.0	5.0			
Flash Dont Walk (s)		11.0	11.0			
Pedestrian Calls (#/hr)		0	0			
Act Effct Green (s)	61.8	61.9	52.8		11.3	23.0
Actuated g/C Ratio	0.74	0.76	0.65		0.14	0.28
v/c Ratio	0.34	0.95	0.72		0.07	0.09
Control Delay	5.0	23.9	14.3		35.8	8.7
Queue Delay	0.0	0.0	0.0		0.0	0.0
Total Delay	5.0	23.9	14.3		35.8	8.7
LOS	A	C	B		D	A

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Approach Delay		22.3	14.3		16.3	
Approach LOS		C	B		B	
Queue Length 50th (ft)	12	436	282		9	0
Queue Length 95th (ft)	22	#978	443		28	25
Internal Link Dist (ft)		1541	670		317	
Turn Bay Length (ft)	120				100	
Base Capacity (vph)	401	1470	1243		246	510
Starvation Cap Reductn	0	0	0		0	0
Spillback Cap Reductn	0	0	0		0	0
Storage Cap Reductn	0	0	0		0	0
Reduced v/c Ratio	0.31	0.91	0.70		0.07	0.09

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 81.5
Natural Cycle: 90
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.95
Intersection Signal Delay: 19.2 Intersection LOS: B
Intersection Capacity Utilization 77.2% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 10: U.S. Route 202 & Martino Way



Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.999					0.865
Flt Protected						
Satd. Flow (prot)	1861	0	0	1863	0	1611
Flt Permitted						
Satd. Flow (perm)	1861	0	0	1863	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	295			888	334	
Travel Time (s)	6.7			20.2	7.6	
Volume (vph)	1035	5	0	1048	0	106
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	1089	5	0	1103	0	112
Lane Group Flow (vph)	1094	0	0	1103	0	112
Sign Control	Free			Free	Stop	

Intersection Summary

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 68.0% ICU Level of Service C
Analysis Period (min) 15

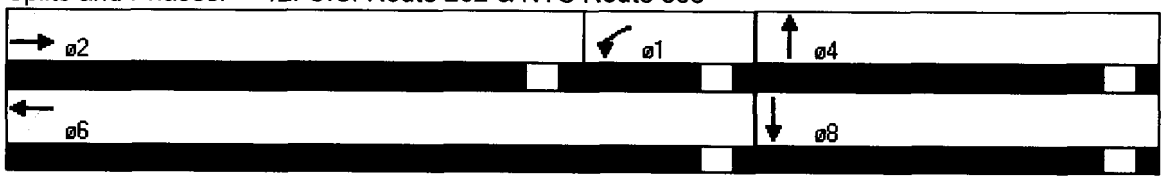
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations											
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	65		0	200		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.997			0.992			0.899			0.994	
Flt Protected	0.950			0.950				0.996			0.985	
Satd. Flow (prot)	1641	1856	0	1719	1840	0	0	1607	0	0	1691	0
Flt Permitted	0.349			0.209				0.975			0.851	
Satd. Flow (perm)	603	1856	0	378	1840	0	0	1573	0	0	1461	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			5			154			2	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		771			2678			516			293	
Travel Time (s)		17.5			60.9			11.7			6.7	
Volume (vph)	5	590	12	264	468	27	22	51	217	32	70	5
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	10%	2%	5%	5%	2%	10%	5%	10%	5%	10%	10%	10%
Adj. Flow (vph)	5	621	13	278	493	28	23	54	228	34	74	5
Lane Group Flow (vph)	5	634	0	278	521	0	0	305	0	0	113	0
Turn Type	Perm			pm+pt			Perm			Perm		
Protected Phases		2		1	6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		1	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		9.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	50.0	50.0	0.0	15.0	65.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	50.0%	50.0%	0.0%	15.0%	65.0%	0.0%	35.0%	35.0%	0.0%	35.0%	35.0%	0.0%
Maximum Green (s)	45.0	45.0		10.0	60.0		30.0	30.0		30.0	30.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lead	Lead		Lag								
Lead-Lag Optimize?	Yes	Yes		Yes								
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	Max		None	Max		None	None		None	None	
Walk Time (s)	5.0	5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0			0		0	0		0	0	
Act Effct Green (s)	46.2	46.2		61.3	61.3			15.2			15.2	
Actuated g/C Ratio	0.55	0.55		0.72	0.72			0.18			0.18	
v/c Ratio	0.02	0.62		0.62	0.39			0.74			0.43	
Control Delay	11.6	18.0		22.2	6.4			27.2			34.5	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	11.6	18.0		22.2	6.4			27.2			34.5	

Lane Group	EBL	EBT		WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
LOS	B	B	C	A		C			C		
Approach Delay		17.9		11.9		27.2			34.5		
Approach LOS		B		B		C			C		
Queue Length 50th (ft)	1	214	40	86		74			53		
Queue Length 95th (ft)	8	412	#112	200		161			100		
Internal Link Dist (ft)		691		2598		436			213		
Turn Bay Length (ft)	65		200								
Base Capacity (vph)	330	1015	449	1335		594			454		
Starvation Cap Reductn	0	0	0	0		0			0		
Spillback Cap Reductn	0	0	0	0		0			0		
Storage Cap Reductn	0	0	0	0		0			0		
Reduced v/c Ratio	0.02	0.62	0.62	0.39		0.51			0.25		

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 84.6
Natural Cycle: 60
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.74
Intersection Signal Delay: 17.9 Intersection LOS: B
Intersection Capacity Utilization 74.5% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 12: U.S. Route 202 & NYS Route 306



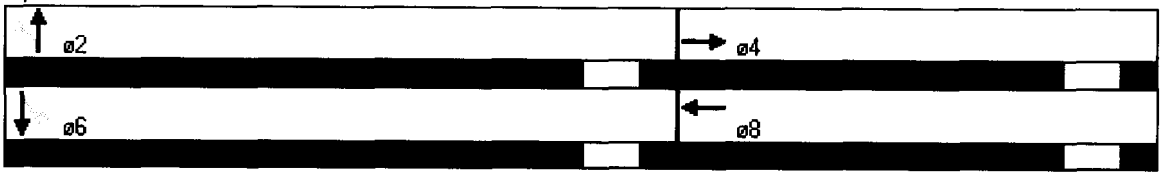
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔			↑↑↑			↔	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.91	0.91	0.91	1.00	1.00	1.00
Frt		0.968			0.959			0.981			0.995	
Flt Protected		0.968			0.966						0.999	
Satd. Flow (prot)	0	1745	0	0	1726	0	0	4989	0	0	1852	0
Flt Permitted		0.808			0.783			0.938			0.975	
Satd. Flow (perm)	0	1457	0	0	1399	0	0	4679	0	0	1807	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			40			65			5	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		217			405			345			271	
Travel Time (s)		4.9			9.2			7.8			6.2	
Volume (vph)	32	5	11	97	0	42	5	844	122	11	535	21
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	34	5	12	102	0	44	5	888	128	12	563	22
Lane Group Flow (vph)	0	51	0	0	146	0	0	1021	0	0	597	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phases	4	4		8	8		2	2		6	6	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	25.0	0.0	25.0	25.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	41.7%	41.7%	0.0%	41.7%	41.7%	0.0%	58.3%	58.3%	0.0%	58.3%	58.3%	0.0%
Maximum Green (s)	20.0	20.0		20.0	20.0		30.0	30.0		30.0	30.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Min	Min		Min	Min	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		12.2			12.2			37.1			37.1	
Actuated g/C Ratio		0.21			0.21			0.65			0.65	
v/c Ratio		0.16			0.45			0.33			0.50	
Control Delay		11.8			14.5			4.7			7.6	
Queue Delay		0.0			0.0			0.0			0.3	
Total Delay		11.8			14.5			4.7			7.9	
LOS		B			B			A			A	
Approach Delay		11.8			14.5			4.7			7.9	
Approach LOS		B			B			A			A	

Lane Group	EBL	EBT	EBR	WBL	WBT						
Queue Length 50th (ft)	6			17			34			68	
Queue Length 95th (ft)	30			66			73			183	
Internal Link Dist (ft)	137			325			265			191	
Turn Bay Length (ft)											
Base Capacity (vph)	511			509			3293			1266	
Starvation Cap Reductn	0			0			0			217	
Spillback Cap Reductn	16			16			89			0	
Storage Cap Reductn	0			0			0			0	
Reduced v/c Ratio	0.10			0.30			0.32			0.57	

Intersection Summary

Area Type: Other
Cycle Length: 60
Actuated Cycle Length: 56.7
Natural Cycle: 50
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.50
Intersection Signal Delay: 6.7 — Intersection LOS: A
Intersection Capacity Utilization 54.3% — ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 13: Park & Ride & NYS Route 45

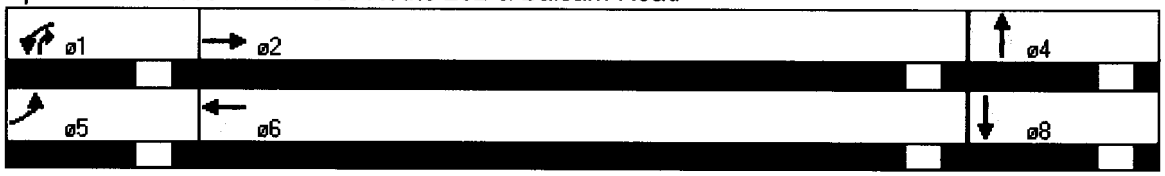


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	12	11	12	12	12	10	10	12	16	12
Storage Length (ft)	115		0	130		0	0		75	0		0
Storage Lanes	1		0	1		0	0		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0		0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.993			0.993				0.850		0.957	
Flt Protected	0.950			0.950				0.950			0.967	
Satd. Flow (prot)	1711	1788	0	1711	1850	0	0	1652	1478	0	1954	0
Flt Permitted	0.200			0.105				0.798			0.785	
Satd. Flow (perm)	360	1788	0	189	1850	0	0	1387	1478	0	1586	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		5			5				34		16	
Headway Factor	1.04	1.04	1.00	1.04	1.00	1.00	1.00	1.09	1.09	1.00	0.85	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		561			602			295			370	
Travel Time (s)		12.8			13.7			6.7			8.4	
Volume (vph)	31	887	46	32	743	37	36	0	32	32	0	15
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	33	934	48	34	782	39	38	0	34	34	0	16
Lane Group Flow (vph)	33	982	0	34	821	0	0	38	34	0	50	0
Turn Type	pm+pt			pm+pt			Perm		pm+ov	Perm		
Protected Phases	5	2		1	6			4	1		8	
Permitted Phases	2			6			4		4	8		
Detector Phases	5	2		1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0		9.0	21.0		15.0	15.0	9.0	15.0	15.0	
Total Split (s)	15.0	60.0	0.0	15.0	60.0	0.0	15.0	15.0	15.0	15.0	15.0	0.0
Total Split (%)	16.7%	66.7%	0.0%	16.7%	66.7%	0.0%	16.7%	16.7%	16.7%	16.7%	16.7%	0.0%
Maximum Green (s)	10.0	55.0		10.0	55.0		10.0	10.0	10.0	10.0	10.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lead	Lag		Lead	Lag				Lead			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	Max		None	Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0							
Flash Dont Walk (s)		11.0			11.0							
Pedestrian Calls (#/hr)		0			0							
Act Effct Green (s)	76.0	73.0		76.0	73.0			9.1	16.5		9.0	
Actuated g/C Ratio	0.79	0.80		0.79	0.80			0.09	0.17		0.09	
v/c Ratio	0.09	0.69		0.13	0.56			0.29	0.12		0.30	
Control Delay	2.5	12.0		3.1	8.4			39.7	9.9		30.4	
Queue Delay	0.0	0.0		0.0	0.0			0.0	0.0		0.0	
Total Delay	2.5	12.0		3.1	8.4			39.7	9.9		30.4	

Lane Group	EBL	EBT	WBL	WBT			
LOS	A	B	A	A	D	A	C
Approach Delay		11.7		8.2	25.6		30.4
Approach LOS		B		A	C		C
Queue Length 50th (ft)	3	323	3	219	19	0	17
Queue Length 95th (ft)	8	#634	8	378	48	22	50
Internal Link Dist (ft)		481		522	215		290
Turn Bay Length (ft)	115		130			75	
Base Capacity (vph)	435	1424	320	1473	160	293	197
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.08	0.69	0.11	0.56	0.24	0.12	0.25

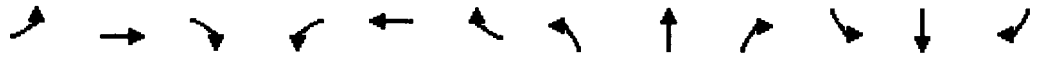
Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 91.7
Natural Cycle: 70
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.69
Intersection Signal Delay: 11.2 Intersection LOS: B
Intersection Capacity Utilization 66.1% ICU Level of Service C
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 14: U.S. Route 202 & Balsam Road



Lane Group						
Lane Configurations		↑	↱			
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.960			
Flt Protected						
Satd. Flow (prot)	0	1863	1788	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1863	1788	0	0	0
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		175	345		567	
Travel Time (s)		4.0	7.8		12.9	
Volume (vph)	0	971	451	193	0	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	0	1022	475	203	0	0
Lane Group Flow (vph)	0	1022	678	0	0	0
Sign Control		Free	Free		Free	

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 54.4% ICU Level of Service A
Analysis Period (min) 15

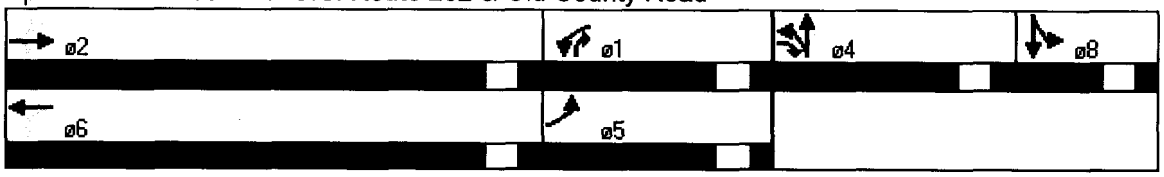


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	50		0	150		0	0		0	0		0
Storage Lanes	1		1	1		0	1		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0	0	0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00
Frt			0.850		0.999				0.850		0.915	
Flt Protected	0.950			0.950			0.950	0.954			0.991	
Satd. Flow (prot)	1770	1863	1583	1770	1861	0	1681	1688	1583	0	1689	0
Flt Permitted	0.108			0.094			0.950	0.954			0.991	
Satd. Flow (perm)	201	1863	1583	175	1861	0	1681	1688	1583	0	1689	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			359						253		17	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		354			1113			271			367	
Travel Time (s)		8.0			25.3			6.2			8.3	
Volume (vph)	5	644	330	143	624	5	294	5	233	5	5	16
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	5	700	359	155	678	5	320	5	253	5	5	17
Lane Group Flow (vph)	5	700	359	155	683	0	160	165	253	0	27	0
Turn Type	pm+pt		pm+ov	pm+pt			Split		pm+ov	Split		
Protected Phases	5	2	4	1	6		4	4	1	8	8	
Permitted Phases	2		2	6					4			
Detector Phases	5	2	4	1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0	20.0	9.0	21.0		20.0	20.0	9.0	12.5	12.5	
Total Split (s)	20.0	46.5	21.0	20.0	46.5	0.0	21.0	21.0	20.0	12.5	12.5	0.0
Total Split (%)	20.0%	46.5%	21.0%	20.0%	46.5%	0.0%	21.0%	21.0%	20.0%	12.5%	12.5%	0.0%
Maximum Green (s)	15.0	41.5	16.0	15.0	41.5		16.0	16.0	15.0	7.5	7.5	
Yellow Time (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lag	Lead		Lag	Lead				Lag			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	C-Max	None	None	C-Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0							
Flash Dont Walk (s)		11.0			11.0							
Pedestrian Calls (#/hr)		0			0							
Act Effct Green (s)	64.4	56.0	72.5	69.2	66.0		14.9	14.9	28.9		7.3	
Actuated g/C Ratio	0.64	0.56	0.72	0.69	0.66		0.15	0.15	0.29		0.07	
v/c Ratio	0.02	0.67	0.29	0.55	0.56		0.64	0.65	0.40		0.19	
Control Delay	6.4	16.6	1.0	30.7	15.7		51.5	52.4	4.8		28.2	
Queue Delay	0.0	0.6	0.1	0.1	0.1		0.5	0.6	1.1		0.0	
Total Delay	6.4	17.2	1.1	30.8	15.8		52.0	53.0	6.0		28.2	
LOS	A	B	A	C	B		D	D	A		C	

Lane Group				WBL	WBT				
Approach Delay		**11.8**			**18.6**		**32.1**		**28.2**
Approach LOS		B			B		C		C
Queue Length 50th (ft)	**1**	**218**	**12**	**34**	**216**	**101**	**104**	**0**	**6**
Queue Length 95th (ft)	m2	#631	17	98	#602	170	175	50	33
Internal Link Dist (ft)		**274**			**1033**		**191**		**287**
Turn Bay Length (ft)	50			150					
Base Capacity (vph)	**396**	**1043**	**1249**	**387**	**1228**	**291**	**292**	**637**	**159**
Starvation Cap Reductn	0	107	193	0	0	17	19	200	0
Spillback Cap Reductn	**0**	**0**	**20**	**21**	**62**	**0**	**0**	**0**	**0**
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	**0.01**	**0.75**	**0.34**	**0.42**	**0.59**	**0.58**	**0.60**	**0.58**	**0.17**

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 0 (0%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green, Master Intersection
Natural Cycle: 80
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.67
Intersection Signal Delay: 18.9 Intersection LOS: B
Intersection Capacity Utilization 66.8% **ICU Level of Service C**
Analysis Period (min) 15
 # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: U.S. Route 202 & Old County Road

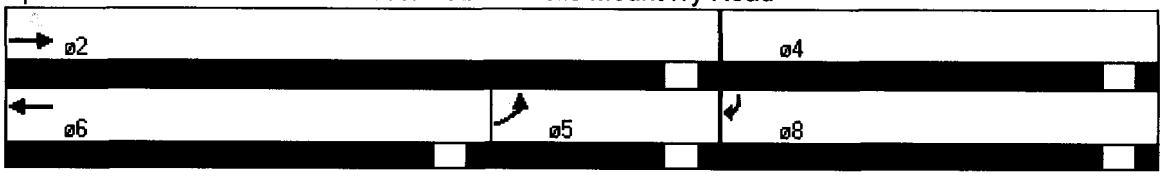


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations											
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	630		0	115		0	0	0	0		0
Storage Lanes	1		0	1		1	0	1	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50			50	50		50	50		50
Trailing Detector (ft)	0	0			0	0		0	0		0
Turning Speed (mph)	15		9	15		9	15	9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999				0.850		0.865			0.850
Flt Protected	0.950								0.950		
Satd. Flow (prot)	1770	3536	0	0	3539	1583	0	1611	1770	0	1583
Flt Permitted	0.205								0.950		
Satd. Flow (perm)	382	3536	0	0	3539	1583	0	1611	1770	0	1583
Right Turn on Red			Yes			Yes		Yes			Yes
Satd. Flow (RTOR)		1				154		213			56
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30		30	
Link Distance (ft)		861			354			89		606	
Travel Time (s)		19.6			8.0			2.0		13.8	
Volume (vph)	177	666	5	0	775	158	0	0	5	308	0	777
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	192	724	5	0	842	172	0	0	5	335	0	845
Lane Group Flow (vph)	192	729	0	0	842	172	0	0	5	335	0	845
Turn Type	pm+pt					Free			custom	custom		custom
Protected Phases	5	2			6							8
Permitted Phases	2					Free			4	8		5
Detector Phases	5	2			6				4	8		8
Minimum Initial (s)	4.0	4.0			4.0				4.0	4.0		4.0
Minimum Split (s)	9.0	21.0			21.0				9.0	21.0		21.0
Total Split (s)	20.0	62.0	0.0	0.0	42.0	0.0	0.0	0.0	38.0	38.0	0.0	38.0
Total Split (%)	20.0%	62.0%	0.0%	0.0%	42.0%	0.0%	0.0%	0.0%	38.0%	38.0%	0.0%	38.0%
Maximum Green (s)	15.0	57.0			37.0				33.0	33.0		33.0
Yellow Time (s)	3.0	3.0			3.0				3.0	3.0		3.0
All-Red Time (s)	2.0	2.0			2.0				2.0	2.0		2.0
Lead/Lag	Lag				Lead							
Lead-Lag Optimize?	Yes				Yes							
Vehicle Extension (s)	3.0	3.0			3.0				3.0	3.0		3.0
Recall Mode	None	C-Max			C-Max				None	Max		Max
Walk Time (s)		5.0			5.0					5.0		5.0
Flash Dont Walk (s)		11.0			11.0					11.0		11.0
Pedestrian Calls (#/hr)		0			0					0		0
Act Effct Green (s)	58.0	58.0			38.0	100.0			12.0	34.0		54.0
Actuated g/C Ratio	0.58	0.58			0.38	1.00			0.12	0.34		0.54
v/c Ratio	0.43	0.36			0.63	0.11			0.01	0.56		0.96
Control Delay	20.6	9.5			26.1	0.1			0.0	23.7		29.3
Queue Delay	0.0	0.0			2.3	0.0			0.0	0.3		1.9
Total Delay	20.6	9.5			28.4	0.1			0.0	24.0		31.2
LOS	C	A			C	A			A	C		C

Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Approach Delay		11.8			23.6						
Approach LOS		B			C						
Queue Length 50th (ft)	47	95			257	0			0	117	
Queue Length 95th (ft)	81	116			207	m0			0	m175	
Internal Link Dist (ft)		781			274			9			526
Turn Bay Length (ft)	630										
Base Capacity (vph)	444	2051			1345	1583			688	602	
Starvation Cap Reductn	0	0			356	0			0	0	
Spillback Cap Reductn	0	11			0	0			43	45	
Storage Cap Reductn	0	0			0	0			0	0	
Reduced v/c Ratio	0.43	0.36			0.85	0.11			0.01	0.60	

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 6 (6%), Referenced to phase 2:EBTL and 6:WBT, Start of Green
Natural Cycle: 55
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.96
Intersection Signal Delay: 22.2 Intersection LOS: C
Intersection Capacity Utilization 76.2% ICU Level of Service D
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: U.S. Route 202 & Thiells Mount Ivy Road



Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations											
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	125		0	60		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	50
Trailing Detector (ft)	0	0		0	0		0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999			0.950			0.955				0.850
Flt Protected	0.950			0.950				0.984			0.954	
Satd. Flow (prot)	1770	3536	0	1770	3362	0	0	1750	0	0	1777	1583
Flt Permitted	0.078			0.311				0.929			0.724	
Satd. Flow (perm)	145	3536	0	579	3362	0	0	1653	0	0	1349	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1			120			5				184
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		584			861			109			648	
Travel Time (s)		13.3			19.6			2.5			14.7	
Volume (vph)	464	737	5	5	1026	520	5	5	5	107	5	169
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	504	801	5	5	1115	565	5	5	5	116	5	184
Lane Group Flow (vph)	504	806	0	5	1680	0	0	15	0	0	121	184
Turn Type	pm+pt			Perm			Perm			Perm		Free
Protected Phases	5	2			6			4			8	
Permitted Phases	2			6			4			8		Free
Detector Phases	5	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	9.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	24.0	75.0	0.0	51.0	51.0	0.0	25.0	25.0	0.0	25.0	25.0	0.0
Total Split (%)	24.0%	75.0%	0.0%	51.0%	51.0%	0.0%	25.0%	25.0%	0.0%	25.0%	25.0%	0.0%
Maximum Green (s)	19.0	70.0		46.0	46.0		20.0	20.0		20.0	20.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lag			Lead	Lead							
Lead-Lag Optimize?	Yes			Yes	Yes							
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	C-Max		C-Max	C-Max		None	None		None	None	
Walk Time (s)		5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0		0	0		0	0		0	0	
Act Effct Green (s)	77.1	77.1		53.1	53.1			14.9			14.9	100.0
Actuated g/C Ratio	0.77	0.77		0.53	0.53			0.15			0.15	1.00
v/c Ratio	1.15	0.30		0.02	0.91			0.06			0.60	0.12
Control Delay	124.2	4.1		10.0	18.6			27.1			43.7	0.1
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	0.0
Total Delay	124.2	4.1		10.0	18.6			27.1			43.7	0.1
LOS	F	A		A	B			C			D	A

Lane Group	EBL	EBT	WBL	WBT	NBR	SBL	SBT	
Approach Delay		50.3		18.6	27.1		17.4	
Approach LOS		D		B	C		B	
Queue Length 50th (ft)	~325	64	1	272	6		76	0
Queue Length 95th (ft)	#541	113	m2	m#657	22		130	0
Internal Link Dist (ft)		504		781	29		568	
Turn Bay Length (ft)	125		60					
Base Capacity (vph)	437	2728	308	1843	351		283	1583
Starvation Cap Reductn	0	0	0	0	0		0	0
Spillback Cap Reductn	0	0	0	0	0		0	0
Storage Cap Reductn	0	0	0	0	0		0	0
Reduced v/c Ratio	1.15	0.30	0.02	0.91	0.04		0.43	0.12

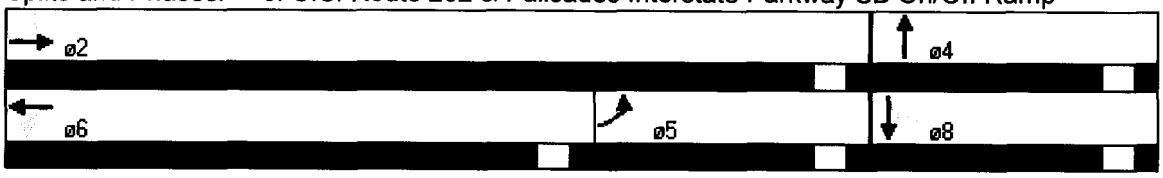
Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 0 (0%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 110
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.15
Intersection Signal Delay: 31.1 — Intersection LOS: C
Intersection Capacity Utilization 93.6% — ICU Level of Service F
Analysis Period (min) 15

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 3: U.S. Route 202 & Palisades Interstate Parkway SB On/Off Ramp



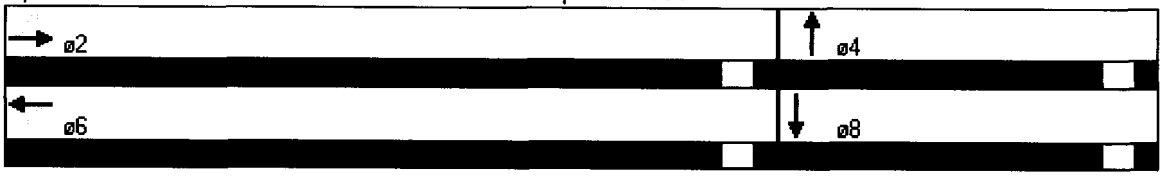
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔			↔			↔	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.992			0.980			0.933			0.966	
Flt Protected		0.995			0.994			0.991			0.972	
Satd. Flow (prot)	0	1830	0	0	1800	0	0	1673	0	0	1699	0
Flt Permitted		0.847			0.830			0.917			0.595	
Satd. Flow (perm)	0	1558	0	0	1503	0	0	1548	0	0	1040	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		6			17			49			17	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1043			2079			480			458	
Travel Time (s)		23.7			47.3			10.9			10.4	
Volume (vph)	69	593	42	102	630	129	42	74	113	108	32	48
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles (%)	5%	2%	5%	5%	2%	5%	5%	5%	5%	5%	5%	5%
Adj. Flow (vph)	75	645	46	111	685	140	46	80	123	117	35	52
Lane Group Flow (vph)	0	766	0	0	936	0	0	249	0	0	204	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		2			6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		6	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	67.0	67.0	0.0	67.0	67.0	0.0	33.0	33.0	0.0	33.0	33.0	0.0
Total Split (%)	67.0%	67.0%	0.0%	67.0%	67.0%	0.0%	33.0%	33.0%	0.0%	33.0%	33.0%	0.0%
Maximum Green (s)	62.0	62.0		62.0	62.0		28.0	28.0		28.0	28.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Min	Min		Min	Min		None	None		None	None	
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)		60.3			60.3			21.0			21.0	
Actuated g/C Ratio		0.67			0.67			0.23			0.23	
v/c Ratio		0.73			0.92			0.62			0.79	
Control Delay		16.1			30.3			31.7			52.1	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		16.1			30.3			31.7			52.1	
LOS		B			C			C			D	
Approach Delay		16.1			30.3			31.7			52.1	

Lane Group	EBL	EBT	WBT	SBL	SBT
Approach LOS	**B**	**C**	**C**		**D**
Queue Length 50th (ft)	260	424	105		104
Queue Length 95th (ft)	**500**	**#850**	**184**		**189**
Internal Link Dist (ft)	963	1999	400		378
Turn Bay Length (ft)					
Base Capacity (vph)	1069	1034	500		325
Starvation Cap Reductn	**0**	**0**	**0**		**0**
Spillback Cap Reductn	0	0	0		0
Storage Cap Reductn	**0**	**0**	**0**		**0**
Reduced v/c Ratio	0.72	0.91	0.50		0.63

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 89.5
Natural Cycle: 75
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.92
Intersection Signal Delay: 27.5 Intersection LOS: C
Intersection Capacity Utilization 98.6% **ICU Level of Service F**
Analysis Period (min) 15
 # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 4: U.S. Route 202 & Camp Hill Road



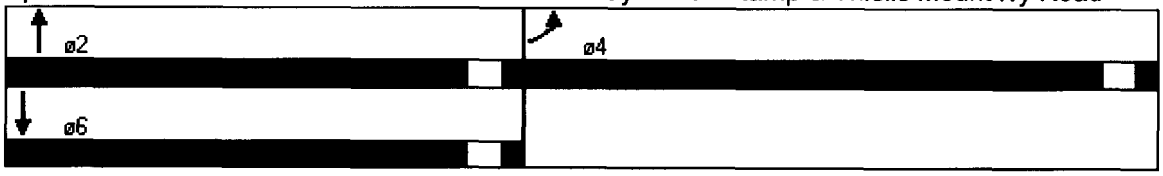
Lane Group	EBL					
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50			50	50	
Trailing Detector (ft)	0			0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.909					
Flt Protected	0.984					
Satd. Flow (prot)	1666	0	0	1863	1863	0
Flt Permitted	0.984					
Satd. Flow (perm)	1666	0	0	1863	1863	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	150					
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	336			606	245	
Travel Time (s)	7.6			13.8	5.6	
Volume (vph)	260	530	0	336	554	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	283	576	0	365	602	0
Lane Group Flow (vph)	859	0	0	365	602	0
Turn Type						
Protected Phases	4			2	6	
Permitted Phases						
Detector Phases	4			2	6	
Minimum Initial (s)	4.0			4.0	4.0	
Minimum Split (s)	21.0			21.0	21.0	
Total Split (s)	55.0	0.0	0.0	45.0	45.0	0.0
Total Split (%)	55.0%	0.0%	0.0%	45.0%	45.0%	0.0%
Maximum Green (s)	50.0			40.0	40.0	
Yellow Time (s)	3.0			3.0	3.0	
All-Red Time (s)	2.0			2.0	2.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0			3.0	3.0	
Recall Mode	Max			C-Min	C-Min	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	55.9			36.1	36.1	
Actuated g/C Ratio	0.56			0.36	0.36	
v/c Ratio	0.86			0.54	0.90	
Control Delay	27.5			24.7	46.9	
Queue Delay	0.1			0.0	1.1	
Total Delay	27.5			24.7	48.0	
LOS	C			C	D	
Approach Delay	27.5			24.7	48.0	
Approach LOS	C			C	D	

Lane Group	EBL	NBT	SBT
Queue Length 50th (ft)	392	195	347
Queue Length 95th (ft)	#714	306	473
Internal Link Dist (ft)	256	526	165
Turn Bay Length (ft)			
Base Capacity (vph)	998	764	764
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	3	0	43
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.86	0.48	0.83

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 58 (58%), Referenced to phase 2:NBT and 6:SBT, Start of Green
Natural Cycle: 75
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.90
Intersection Signal Delay: 33.7 Intersection LOS: C
Intersection Capacity Utilization 82.8% ICU Level of Service E
Analysis Period (min) 15
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 5: Palisades Interstate Parkway NB Off Ramp & Thiells Mount Ivy Road



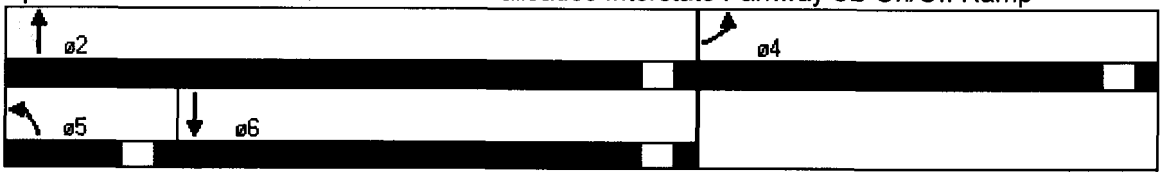
Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0	100			0
Storage Lanes	1	0	1			0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50		50	50	50	
Trailing Detector (ft)	0		0	0	0	
Turning Speed (mph)	15	9	15			9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.933				0.993	
Flt Protected	0.975		0.950			
Satd. Flow (prot)	1694	0	1770	1863	1850	0
Flt Permitted	0.975		0.508			
Satd. Flow (perm)	1694	0	946	1863	1850	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	55				4	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	380			648	183	
Travel Time (s)	8.6			14.7	4.2	
Volume (vph)	95	92	124	866	190	11
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	103	100	135	941	207	12
Lane Group Flow (vph)	203	0	135	941	219	0
Turn Type			pm+pt			
Protected Phases	4		5	2	6	
Permitted Phases			2			
Detector Phases	4		5	2	6	
Minimum Initial (s)	4.0		4.0	4.0	4.0	
Minimum Split (s)	21.0		15.0	21.0	21.0	
Total Split (s)	40.0	0.0	15.0	60.0	45.0	0.0
Total Split (%)	40.0%	0.0%	15.0%	60.0%	45.0%	0.0%
Maximum Green (s)	35.0		10.0	55.0	40.0	
Yellow Time (s)	3.0		3.0	3.0	3.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	Max		Max	C-Max	C-Max	
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	36.0		56.0	56.0	41.0	
Actuated g/C Ratio	0.36		0.56	0.56	0.41	
v/c Ratio	0.31		0.22	0.90	0.29	
Control Delay	18.1		4.3	12.3	20.7	
Queue Delay	0.0		0.0	13.1	0.0	
Total Delay	18.1		4.3	25.3	20.7	
LOS	B		A	C	C	

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Approach Delay	**18.1**			**22.7**	**20.7**	
Approach LOS	B			C	C	
Queue Length 50th (ft)	**65**		**25**	**325**	**90**	
Queue Length 95th (ft)	123		m18	m302	145	
Internal Link Dist (ft)	**300**			**568**	**103**	
Turn Bay Length (ft)			100			
Base Capacity (vph)	**645**		**620**	**1043**	**761**	
Starvation Cap Reductn	0		0	107	0	
Spillback Cap Reductn	**0**		**0**	**0**	**0**	
Storage Cap Reductn	0		0	0	0	
Reduced v/c Ratio	**0.31**		**0.22**	**1.01**	**0.29**	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 49 (49%), Referenced to phase 2:NBTL and 6:SBT, Start of Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.90
Intersection Signal Delay: 21.8 Intersection LOS: C
Intersection Capacity Utilization 63.1% **ICU Level of Service B**
Analysis Period (min) 15
m **Volume for 95th percentile queue is metered by upstream signal.**

Splits and Phases: 6: Quaker Road & Palisades Interstate Parkway SB On/Off Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	15	12	12	12	12
Storage Length (ft)	150		150	150		0	0		0	0		0
Storage Lanes	1		1	1		1	0		0	1		1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50	50	50	50		50	50	50
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	0
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00
Frt		0.985				0.850		0.917				0.850
Flt Protected	0.950			0.950				0.981		0.950	0.953	
Satd. Flow (prot)	1770	3486	0	1770	1863	1583	0	1843	0	1681	1686	1583
Flt Permitted	0.116			0.371				0.981		0.950	0.953	
Satd. Flow (perm)	216	3486	0	691	1863	1583	0	1843	0	1681	1686	1583
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		22				300		74				197
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.88	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		888			257			88			206	
Travel Time (s)		20.2			5.8			2.0			4.7	
Volume (vph)	312	610	69	111	598	276	69	0	111	501	1	374
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	339	663	75	121	650	300	75	0	121	545	1	407
Lane Group Flow (vph)	339	738	0	121	650	300	0	196	0	273	273	407
Turn Type	pm+pt			Perm		pm+ov	Split			Split		pm+ov
Protected Phases	5	2			6	4	8	8		4	4	5
Permitted Phases	2			6		6						4
Detector Phases	5	2		6	6	4	8	8		4	4	5
Minimum Initial (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Minimum Split (s)	9.0	21.0		21.0	21.0	17.0	11.0	11.0		17.0	17.0	9.0
Total Split (s)	19.5	54.0	0.0	34.5	34.5	20.5	15.5	15.5	0.0	20.5	20.5	19.5
Total Split (%)	21.7%	60.0%	0.0%	38.3%	38.3%	22.8%	17.2%	17.2%	0.0%	22.8%	22.8%	21.7%
Maximum Green (s)	14.5	49.0		29.5	29.5	15.5	10.5	10.5		15.5	15.5	14.5
Yellow Time (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
All-Red Time (s)	2.0	2.0		2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0
Lead/Lag	Lead			Lag	Lag							Lead
Lead-Lag Optimize?	Yes			Yes	Yes							Yes
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
Recall Mode	None	C-Max		C-Max	C-Max	None	None	None		None	None	None
Walk Time (s)		5.0		5.0	5.0							
Flash Dont Walk (s)		11.0		11.0	11.0							
Pedestrian Calls (#/hr)		0		0	0							
Act Effct Green (s)	51.3	51.3		32.1	32.1	52.4		10.4		16.4	16.4	31.6
Actuated g/C Ratio	0.57	0.57		0.36	0.36	0.58		0.12		0.18	0.18	0.35
v/c Ratio	0.88	0.37		0.49	0.98	0.29		0.71		0.90	0.89	0.60
Control Delay	45.8	11.1		32.0	61.5	1.9		38.0		68.2	67.7	10.5
Queue Delay	0.0	0.0		0.0	0.0	0.0		0.0		0.0	0.0	0.0
Total Delay	45.8	11.1		32.0	61.5	1.9		38.0		68.2	67.7	10.5

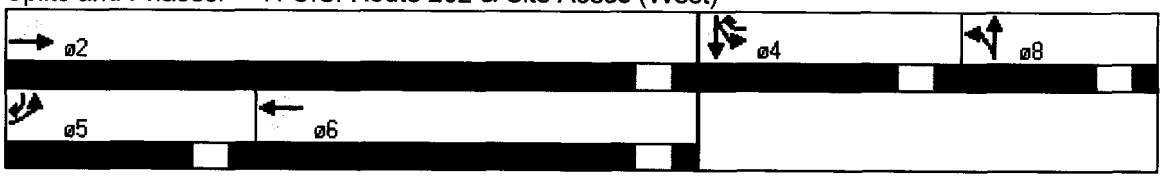
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR
LOS	D	B	C	E	A	D	E	E	B		
Approach Delay		22.0		41.5		38.0		43.4			
Approach LOS		C		D		D		D			
Queue Length 50th (ft)	136	112	55	~400	0	66	161	161	55		
Queue Length 95th (ft)	#290	151	114	#608	33	#149	#310	#310	112		
Internal Link Dist (ft)		808		177		8		126			
Turn Bay Length (ft)	150		150								
Base Capacity (vph)	395	1996	246	664	1050	300	308	309	691		
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0		
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0		
Storage Cap Reductn	0	0	0	0	0	0	0	0	0		
Reduced v/c Ratio	0.86	0.37	0.49	0.98	0.29	0.65	0.89	0.88	0.59		

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 90
Offset: 35 (39%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green
Natural Cycle: 80
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.98
Intersection Signal Delay: 35.5 Intersection LOS: D
Intersection Capacity Utilization 79.3% ICU Level of Service D
Analysis Period (min) 15

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 7: U.S. Route 202 & Site Acess (West)



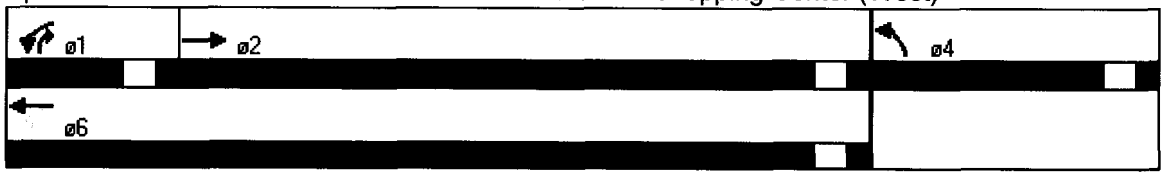
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑	↱	↰	↑	↰	↱
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		325	100		0	0
Storage Lanes		1	1		1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50	50	50	50
Trailing Detector (ft)	0	0	0	0	0	0
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.850				0.850
Flt Protected			0.950		0.950	
Satd. Flow (prot)	1863	1583	1770	1863	1770	1583
Flt Permitted			0.102		0.950	
Satd. Flow (perm)	1863	1583	190	1863	1770	1583
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)		73				93
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	2079			295	320	
Travel Time (s)	47.3			6.7	7.3	
Volume (vph)	808	117	171	797	95	86
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	878	127	186	866	103	93
Lane Group Flow (vph)	878	127	186	866	103	93
Turn Type		Free	pm+pt			pm+ov
Protected Phases	2		1	6	4	1
Permitted Phases		Free	6			4
Detector Phases	2		1	6	4	1
Minimum Initial (s)	4.0		4.0	4.0	4.0	4.0
Minimum Split (s)	21.0		9.0	21.0	21.0	9.0
Total Split (s)	60.0	0.0	15.0	75.0	25.0	15.0
Total Split (%)	60.0%	0.0%	15.0%	75.0%	25.0%	15.0%
Maximum Green (s)	55.0		10.0	70.0	20.0	10.0
Yellow Time (s)	3.0		3.0	3.0	3.0	3.0
All-Red Time (s)	2.0		2.0	2.0	2.0	2.0
Lead/Lag	Lag		Lead			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0		3.0	3.0	3.0	3.0
Recall Mode	C-Max		None	C-Max	Max	None
Walk Time (s)	5.0			5.0	5.0	
Flash Dont Walk (s)	11.0			11.0	11.0	
Pedestrian Calls (#/hr)	0			0	0	
Act Effct Green (s)	57.3	100.0	71.0	71.0	21.0	34.7
Actuated g/C Ratio	0.57	1.00	0.71	0.71	0.21	0.35
v/c Ratio	0.82	0.08	0.64	0.65	0.28	0.15
Control Delay	25.8	0.1	21.3	10.8	35.5	5.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	25.8	0.1	21.3	10.8	35.5	5.3
LOS	C	A	C	B	D	A

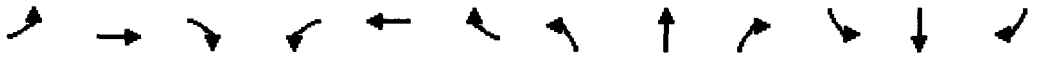
Lane Group	EBT			WBT	NBL	
Approach Delay	22.6			12.7	21.2	
Approach LOS	C			B	C	
Queue Length 50th (ft)	426	0	33	259	55	0
Queue Length 95th (ft)	#654	0	104	377	104	32
Internal Link Dist (ft)	1999			215	240	
Turn Bay Length (ft)		325	100			
Base Capacity (vph)	1067	1583	309	1323	372	629
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.82	0.08	0.60	0.65	0.28	0.15

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 100
Offset: 73 (73%), Referenced to phase 2:EBT and 6:WBTL, Start of Green
Natural Cycle: 75
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.82
Intersection Signal Delay: 17.8 Intersection LOS: B
Intersection Capacity Utilization 67.3% **ICU Level of Service C**
Analysis Period (min) 15
 # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 8: U.S. Route 202 & Pace Setter Shopping Center (West)

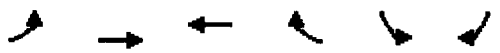




Lane Group												
Lane Configurations		↑↑↱		↰	↑↑↱			↕↱				↱
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	100		0	0		0	0		0
Storage Lanes	0		0	1		0	0		0	0		1
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.994			0.963			0.926				
Flt Protected				0.950				0.978				
Satd. Flow (prot)	0	3518	0	1770	3408	0	0	1687	0	0	0	1863
Flt Permitted				0.950				0.978				
Satd. Flow (perm)	0	3518	0	1770	3408	0	0	1687	0	0	0	1863
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		133			584			96			161	
Travel Time (s)		3.0			13.3			2.2			3.7	
Volume (vph)	0	1175	48	27	887	287	27	0	32	0	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	1277	52	29	964	312	29	0	35	0	0	0
Lane Group Flow (vph)	0	1329	0	29	1276	0	0	64	0	0	0	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 44.1% ICU Level of Service A
Analysis Period (min) 15



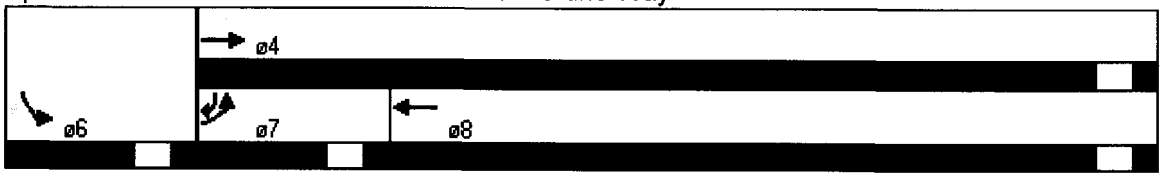
Lane Group	EBT					
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	120			0	100	0
Storage Lanes	1			0	1	1
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50	50		50	50
Trailing Detector (ft)	0	0	0		0	0
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.998			0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1770	1863	1859	0	1770	1583
Flt Permitted	0.114				0.950	
Satd. Flow (perm)	212	1863	1859	0	1770	1583
Right Turn on Red				Yes		Yes
Satd. Flow (RTOR)			2			80
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		1621	756		397	
Travel Time (s)		36.8	17.2		9.0	
Volume (vph)	53	824	862	16	16	74
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	58	896	937	17	17	80
Lane Group Flow (vph)	58	896	954	0	17	80
Turn Type	pm+pt					pm+ov
Protected Phases	7	4	8		6	7
Permitted Phases	4					6
Detector Phases	7	4	8		6	7
Minimum Initial (s)	4.0	4.0	4.0		4.0	4.0
Minimum Split (s)	9.0	21.0	21.0		15.0	9.0
Total Split (s)	15.0	75.0	60.0	0.0	15.0	15.0
Total Split (%)	16.7%	83.3%	66.7%	0.0%	16.7%	16.7%
Maximum Green (s)	10.0	70.0	55.0		10.0	10.0
Yellow Time (s)	3.0	3.0	3.0		3.0	3.0
All-Red Time (s)	2.0	2.0	2.0		2.0	2.0
Lead/Lag	Lead		Lag			Lead
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0	3.0	3.0		3.0	3.0
Recall Mode	None	None	None		Max	None
Walk Time (s)		5.0	5.0			
Flash Dont Walk (s)		11.0	11.0			
Pedestrian Calls (#/hr)		0	0			
Act Effct Green (s)	50.2	50.3	41.4		12.3	24.1
Actuated g/C Ratio	0.68	0.70	0.58		0.17	0.33
v/c Ratio	0.18	0.68	0.89		0.06	0.14
Control Delay	3.5	7.9	24.1		33.9	6.9
Queue Delay	0.0	0.0	0.0		0.0	0.0
Total Delay	3.5	7.9	24.1		33.9	6.9
LOS	A	A	C		C	A

Lane Group	EBL	EBT	WBT	WBR	SBL	
Approach Delay		7.6	24.1		11.6	
Approach LOS		A	C		B	
Queue Length 50th (ft)	5	157	342		7	0
Queue Length 95th (ft)	12	237	557		28	33
Internal Link Dist (ft)		1541	676		317	
Turn Bay Length (ft)	120				100	
Base Capacity (vph)	373	1470	1230		304	613
Starvation Cap Reductn	0	0	0		0	0
Spillback Cap Reductn	0	0	0		0	0
Storage Cap Reductn	0	0	0		0	0
Reduced v/c Ratio	0.16	0.61	0.78		0.06	0.13

Intersection Summary

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 71.5
Natural Cycle: 65
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.89
Intersection Signal Delay: 15.7 **Intersection LOS: B**
Intersection Capacity Utilization 57.6% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 10: U.S. Route 202 & Martino Way



Lane Group			WBL	WBT	NBL	
Lane Configurations						
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)		9	15		15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.999					0.865
Flt Protected						
Satd. Flow (prot)	1861	0	0	1863	0	1611
Flt Permitted						
Satd. Flow (perm)	1861	0	0	1863	0	1611
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)	30			30	30	
Link Distance (ft)	295			888	334	
Travel Time (s)	6.7			20.2	7.6	
Volume (vph)	890	5	0	969	0	101
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	967	5	0	1053	0	110
Lane Group Flow (vph)	972	0	0	1053	0	110
Sign Control	Free			Free	Stop	

Intersection Summary

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization 60.1% **ICU Level of Service B**
Analysis Period (min) 15

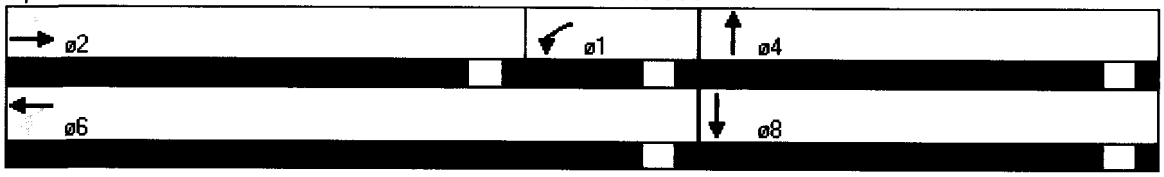
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	65		0	200		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50		50	50	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.999			0.978			0.892			0.989	
Flt Protected	0.950			0.950				0.997			0.968	
Satd. Flow (prot)	1719	1861	0	1719	1814	0	0	1609	0	0	1732	0
Flt Permitted	0.259			0.281				0.983			0.752	
Satd. Flow (perm)	469	1861	0	508	1814	0	0	1587	0	0	1346	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)					14			202			5	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		771			2678			516			293	
Travel Time (s)		17.5			60.9			11.7			6.7	
Volume (vph)	37	473	2	166	473	81	16	32	192	39	16	5
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	5%	2%	5%	5%	2%	5%	5%	5%	5%	5%	5%	5%
Adj. Flow (vph)	39	498	2	175	498	85	17	34	202	41	17	5
Lane Group Flow (vph)	39	500	0	175	583	0	0	253	0	0	63	0
Turn Type	Perm			pm+pt			Perm			Perm		
Protected Phases		2		1	6			4			8	
Permitted Phases	2			6			4			8		
Detector Phases	2	2		1	6		4	4		8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Minimum Split (s)	21.0	21.0		9.0	21.0		21.0	21.0		21.0	21.0	
Total Split (s)	45.0	45.0	0.0	15.0	60.0	0.0	40.0	40.0	0.0	40.0	40.0	0.0
Total Split (%)	45.0%	45.0%	0.0%	15.0%	60.0%	0.0%	40.0%	40.0%	0.0%	40.0%	40.0%	0.0%
Maximum Green (s)	40.0	40.0		10.0	55.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lead/Lag	Lead	Lead		Lag								
Lead-Lag Optimize?	Yes	Yes		Yes								
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	Max		None	Max		None	None		None	None	
Walk Time (s)	5.0	5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)	11.0	11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0			0		0	0		0	0	
Act Effct Green (s)	41.3	41.3		56.3	56.3			10.5			10.5	
Actuated g/C Ratio	0.55	0.55		0.75	0.75			0.14			0.14	
v/c Ratio	0.15	0.49		0.31	0.43			0.64			0.33	
Control Delay	11.4	13.1		6.7	5.0			15.7			31.1	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	11.4	13.1		6.7	5.0			15.7			31.1	

Lane Group	EBL	EBR	WBL	WBT	NBR	SBL	SBT
LOS	B	B	A	A	B	C	
Approach Delay		12.9		5.4	15.7	31.1	
Approach LOS		B		A	B	C	
Queue Length 50th (ft)	8	126	16	66	21	24	
Queue Length 95th (ft)	29	249	46	171	86	58	
Internal Link Dist (ft)		691		2598	436	213	
Turn Bay Length (ft)	65		200				
Base Capacity (vph)	259	1026	561	1369	700	487	
Starvation Cap Reductn	0	0	0	0	0	0	
Spillback Cap Reductn	0	0	0	0	0	0	
Storage Cap Reductn	0	0	0	0	0	0	
Reduced v/c Ratio	0.15	0.49	0.31	0.43	0.36	0.13	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 74.8
Natural Cycle: 55
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.64
Intersection Signal Delay: 10.5 Intersection LOS: B
Intersection Capacity Utilization 61.1% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 12: U.S. Route 202 & NYS Route 306



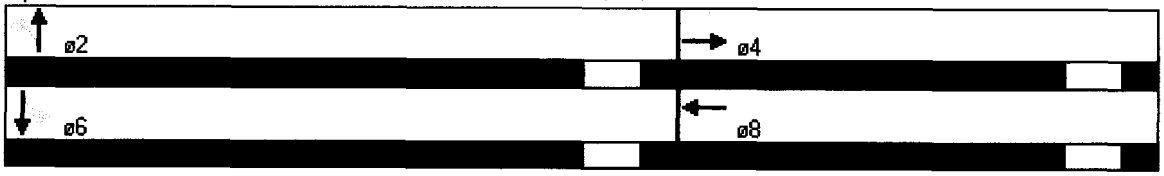
Lane Group	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations								
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50
Trailing Detector (ft)	0	0		0	0		0	0
Turning Speed (mph)	15		9	15		9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.968			0.963			0.996				
Flt Protected		0.963			0.965			0.998				
Satd. Flow (prot)	0	1736	0	0	1731	0	0	5014	0	0	1852	0
Flt Permitted		0.831			0.793			0.937			0.975			
Satd. Flow (perm)	0	1498	0	0	1423	0	0	4698	0	0	1809	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		5			35			44			4		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30			30			30			30		
Link Distance (ft)		217			405			345			271		
Travel Time (s)		4.9			9.2			7.8			6.2		
Volume (vph)	15	0	5	97	0	37	5	497	53	16	447	15
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	16	0	5	105	0	40	5	540	58	17	486	16
Lane Group Flow (vph)	0	21	0	0	145	0	0	603	0	0	519	0
Turn Type	Perm			Perm			Perm			Perm			
Protected Phases		4			8			2			6		
Permitted Phases	4			8			2			6			
Detector Phases	4	4		8	8		2	2		6	6		
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0		
Minimum Split (s)	21.0	21.0		21.0	21.0		21.0	21.0		21.0	21.0		
Total Split (s)	25.0	25.0	0.0	25.0	25.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	41.7%	41.7%	0.0%	41.7%	41.7%	0.0%	58.3%	58.3%	0.0%	58.3%	58.3%	0.0%
Maximum Green (s)	20.0	20.0		20.0	20.0		30.0	30.0		30.0	30.0		
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0		
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0		
Lead/Lag													
Lead-Lag Optimize?													
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0		
Recall Mode	None	None		None	None		Min	Min		Min	Min		
Walk Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0		
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0		
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0		
Act Effct Green (s)		12.3			12.3			36.5			36.5		
Actuated g/C Ratio		0.21			0.21			0.65			0.65		
v/c Ratio		0.07			0.44			0.20			0.44		
Control Delay		10.5			13.5			4.2			7.0		
Queue Delay		0.0			0.0			0.0			0.2		
Total Delay		10.5			13.5			4.2			7.2		
LOS		B			B			A			A		
Approach Delay		10.5			13.5			4.2			7.2		
Approach LOS		B			B			A			A		

Lane Group	WBT	WBR	NEL	T
Queue Length 50th (ft)	18	18	56	
Queue Length 95th (ft)	60	41	148	
Internal Link Dist (ft)	325	265	191	
Turn Bay Length (ft)				
Base Capacity (vph)	521	3305	1269	
Starvation Cap Reductn	0	0	224	
Spillback Cap Reductn	6	71	0	
Storage Cap Reductn	0	0	0	
Reduced v/c Ratio	0.28	0.19	0.50	

Intersection Summary

Area Type: Other
Cycle Length: 60
Actuated Cycle Length: 56.3
Natural Cycle: 45
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.44
Intersection Signal Delay: 6.6 **Intersection LOS: A**
Intersection Capacity Utilization 52.5% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 13: Park & Ride & NYS Route 45

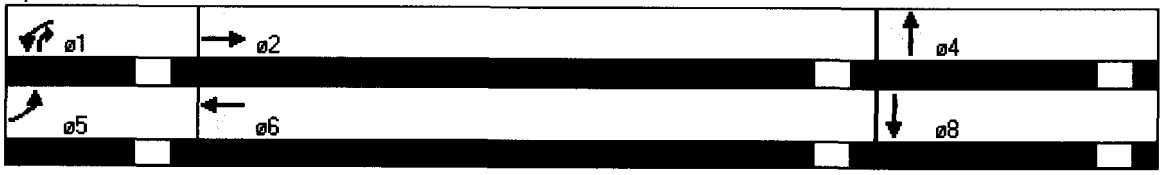


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	12	11	12	12	12	10	10	12	16	12
Storage Length (ft)	115		0	130		0	0		75	0		0
Storage Lanes	1		0	1		0	0		1	0		0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Leading Detector (ft)	50	50		50	50		50	50	50	50	50	
Trailing Detector (ft)	0	0		0	0		0	0	0	0	0	
Turning Speed (mph)	15		9	15		9	15		9	15		9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.990			0.993				0.850		0.977	
Flt Protected	0.950			0.950				0.950			0.960	
Satd. Flow (prot)	1711	1783	0	1711	1850	0	0	1652	1478	0	1980	0
Flt Permitted	0.125			0.149				0.744			0.748	
Satd. Flow (perm)	225	1783	0	268	1850	0	0	1293	1478	0	1543	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		6			4				58		10	
Headway Factor	1.04	1.04	1.00	1.04	1.00	1.00	1.00	1.09	1.09	1.00	0.85	1.00
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		561			602			295			370	
Travel Time (s)		12.8			13.7			6.7			8.4	
Volume (vph)	17	688	49	27	732	37	55	0	53	53	0	11
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	18	748	53	29	796	40	60	0	58	58	0	12
Lane Group Flow (vph)	18	801	0	29	836	0	0	60	58	0	70	0
Turn Type	pm+pt			pm+pt			Perm		pm+ov	Perm		
Protected Phases	5	2		1	6			4	1		8	
Permitted Phases	2			6			4		4	8		
Detector Phases	5	2		1	6		4	4	1	8	8	
Minimum Initial (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	9.0	21.0		9.0	21.0		21.0	21.0	9.0	21.0	21.0	
Total Split (s)	15.0	53.0	0.0	15.0	53.0	0.0	22.0	22.0	15.0	22.0	22.0	0.0
Total Split (%)	16.7%	58.9%	0.0%	16.7%	58.9%	0.0%	24.4%	24.4%	16.7%	24.4%	24.4%	0.0%
Maximum Green (s)	10.0	48.0		10.0	48.0		17.0	17.0	10.0	17.0	17.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0	2.0	2.0	2.0	
Lead/Lag	Lead	Lag		Lead	Lag				Lead			
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				Yes			
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	Max		None	Max		None	None	None	None	None	
Walk Time (s)		5.0			5.0		5.0	5.0		5.0	5.0	
Flash Dont Walk (s)		11.0			11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)		0			0		0	0		0	0	
Act Effct Green (s)	67.0	61.6		70.1	68.8			10.9	20.7		10.8	
Actuated g/C Ratio	0.70	0.70		0.78	0.78			0.12	0.23		0.12	
v/c Ratio	0.07	0.64		0.09	0.58			0.38	0.15		0.36	
Control Delay	4.6	12.5		3.3	8.1			38.1	7.0		31.8	
Queue Delay	0.0	0.0		0.0	0.0			0.0	0.0		0.0	
Total Delay	4.6	12.5		3.3	8.1			38.1	7.0		31.8	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	A	B		A	A		D	A		C		
Approach Delay		12.3			7.9		22.8			31.8		
Approach LOS		B			A		C			C		
Queue Length 50th (ft)	2	228		2	126		27	0		27		
Queue Length 95th (ft)	7	432		9	445		63	26		64		
Internal Link Dist (ft)		481			522		215			290		
Turn Bay Length (ft)	115			130				75				
Base Capacity (vph)	324	1250		376	1449		247	379		303		
Starvation Cap Reductn	0	0		0	0		0	0		0		
Spillback Cap Reductn	0	0		0	0		0	0		0		
Storage Cap Reductn	0	0		0	0		0	0		0		
Reduced v/c Ratio	0.06	0.64		0.08	0.58		0.24	0.15		0.23		

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 87.9
Natural Cycle: 70
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.64
Intersection Signal Delay: 11.7 Intersection LOS: B
Intersection Capacity Utilization 57.7% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 14: U.S. Route 202 & Balsam Road



Lane Group	NBL					
Lane Configurations		↑	↱			
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Turning Speed (mph)	15			9	15	9
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.963			
Flt Protected					0.950	
Satd. Flow (prot)	0	1863	1794	0	0	0
Flt Permitted					0.950	
Satd. Flow (perm)	0	1863	1794	0	0	0
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Link Speed (mph)		30	30		30	
Link Distance (ft)		175	345		567	
Travel Time (s)		4.0	7.8		12.9	
Volume (vph)	0	507	401	149	555	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	551	436	162	603	0
Lane Group Flow (vph)	0	551	598	0	603	0
Sign Control		Free	Free		Free	

Intersection Summary

Area Type: Other
Control Type: Unsignalized
Intersection Capacity Utilization Err% ICU Level of Service H
Analysis Period (min) 15

APPENDIX "E"

ACCIDENT DATA

NYSDOT Safety Information Management System
Summary Report By Segment And/Or Intersection
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

ROUTE: 202 HIGHWAY LOCATION: 202 85011053 - 202 85011104 DATES: 01-JAN-2003 - 31-DEC-2007

REFERENCE	INT.	DESCRIPTION	NUMBER OF ACCIDENTS											
			TOTAL	FTL	INJ	PDO	N/R	WET ROAD	FIXED OBJ **	PED& BIKE **	TRUCK *** **	LIGHT CONDITION DWN/DSK **	DAY **	NIGHT **
202 8501 1072			5	0	1	2	2	0	0	0	0	0	3	1
202 8501 1072	21	COTTAGE LA	1	0	1	0	0	0	1	0	0	0	1	0
202 8501 1073			7	0	4	1	2	0	3	0	0	0	3	4
202 8501 1073	01	OLD RT 202 (WEST INTERSECTION)	3	0	2	1	0	0	0	0	0	0	2	0
202 8501 1074		RAMAPO TOWN/POMONA VIL LINE	21	0	2	13	6	7	2	0	0	1	8	4
202 8501 1074	23	JCT NY 306 - OLD NY 306	10	0	8	2	0	1	0	0	0	0	6	2
202 8501 1075			3	0	2	1	0	1	1	0	0	0	1	2
202 8501 1077			2	0	0	1	1	0	2	0	0	0	1	1
202 8501 1079			1	0	0	1	0	1	0	0	0	0	0	1
202 8501 1080			1	0	1	0	0	0	0	0	0	0	0	1
202 8501 1081		POMONA VIL/RAMAPO TOWN LINE	15	0	6	2	7	4	2	0	1	0	11	3
202 8501 1081	01	CAMP HILL RD	13	0	8	5	0	0	1	0	0	0	7	3
202 8501 1082			8	0	4	2	2	0	0	0	0	0	7	0
202 8501 1082	00	INVALID INTERSECTION NUMBER	2	0	1	0	1	0	0	0	0	0	2	0
202 8501 1083			1	0	1	0	0	0	0	0	0	0	1	0
202 8501 1083	01	OLD RT 202 (EAST INTERSECTION)	1	0	1	0	0	1	0	0	0	0	0	1
202 8501 1083	00	INVALID INTERSECTION NUMBER	1	0	0	0	1	0	0	0	0	0	1	0
202 8501 1084			6	0	3	0	3	2	1	0	0	0	5	1
202 8501 1084	01	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	0	1
202 8501 1085			10	0	7	2	1	3	0	0	0	1	7	1
202 8501 1085	01	PACESETTER PARK DR (STRIP MALL)	3	0	2	1	0	1	0	0	0	0	1	2
202 8501 1086			10	0	4	1	5	1	0	0	1	0	8	1
202 8501 1087			9	0	7	0	2	4	0	0	1	1	6	1
202 8501 1087	00	INVALID INTERSECTION NUMBER	1	0	1	0	0	1	0	0	0	0	1	0
202 8501 1087	01	INVALID INTERSECTION NUMBER	1	0	0	0	1	0	0	0	0	0	1	0
202 8501 1088			8	0	4	3	1	2	0	0	0	1	6	0
202 8501 1089			33	0	15	8	10	11	0	0	2	0	22	9

** EXCLUDES PARTIALLY CODED NON-REPORTABLES

*** EXCLUDES PICKUPS & VANS

NYSDOT Safety Information Management System
Summary Report By Segment And/Or Intersection
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

ROUTE: 202 HIGHWAY LOCATION: 202 85011053 - 202 85011104 DATES: 01-JAN-2003 - 31-DEC-2007

REFERENCE	INT.	DESCRIPTION	NUMBER OF ACCIDENTS												
			TOTAL	FTL	INJ	PDO	N/R	WET ROAD	FIXED OBJ **	PED& BIKE **	TRUCK *** **	LIGHT CONDITION DWN/DSK **	LIGHT CONDITION DAY **	LIGHT CONDITION NIGHT **
202 8501 1089	55	INVALID INTERSECTION NUMBER	2	0	0	2	0	1	0	0	0	0	2	0
202 8501 1089	00	INVALID INTERSECTION NUMBER	4	0	1	2	1	0	0	0	0	1	2	0
202 8501 1090		RAMAPO TOWN/HAVERSTRAW TOWN LIN	19	0	8	9	2	2	1	0	0	2	7	7
202 8501 1090	55	RAMPS FROM/TO PIP SB-DINER	9	0	6	3	0	4	1	0	0	0	8	0
202 8501 1090	99	INVALID INTERSECTION NUMBER	1	0	0	1	0	0	0	0	0	0	0	0
202 8501 1090	00	INVALID INTERSECTION NUMBER	1	0	1	0	0	1	0	0	0	0	1	0
202 8501 1090	45	INVALID INTERSECTION NUMBER	1	0	1	0	0	1	0	0	0	0	1	0
202 8501 1091			17	0	14	3	0	5	0	0	1	0	12	3
202 8501 1091	33	MT IVY RD CR 59/ PARKING STN.	26	0	23	3	0	6	0	1	0	1	18	4
202 8501 1091	00	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	0	0
202 8501 1092			30	0	18	10	2	5	0	1	2	2	17	5
45 8501 1085	53	JCT US 202 & NY 45	47	0	24	20	3	10	1	0	3	4	23	8
202 8501 1092	99	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	1	0
202 8501 1092	00	INVALID INTERSECTION NUMBER	6	0	5	0	1	2	0	0	0	0	2	2
202 8501 1092	33	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	0	1
202 8501 1092	53	INVALID INTERSECTION NUMBER	3	0	2	1	0	1	0	0	0	0	3	0
202 8501 1093			7	1	4	1	1	0	0	1	0	0	5	2
202 8501 1093	37	OLD RTE 202	4	0	3	1	0	0	0	0	0	1	1	1
202 8501 1095			1	0	1	0	0	0	0	0	0	0	1	0
202 8501 1096			1	0	0	1	0	0	0	0	0	0	0	1
202 8501 1098			1	0	0	1	0	0	0	0	0	0	0	1
202 8501 1098	00	INVALID INTERSECTION NUMBER	1	0	1	0	0	0	0	0	0	0	1	0
202 8501 1099			7	0	5	2	0	2	0	0	0	0	5	1
202 8501 1103			4	0	3	1	0	0	0	0	0	0	4	0
202 8501 1104			13	0	10	3	0	5	0	0	1	0	9	3
202 8501 1104	46	BALSOM RD	10	0	8	2	0	5	0	1	0	1	5	2

** EXCLUDES PARTIALLY CODED NON-REPORTABLES

*** EXCLUDES PICKUPS & VANS

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1073 INTERSECTION ACCIDENTS - OLD RT 202 (WEST INTERSECTION) *** (Continued)

Num of Occupants: 1 Drivers Age: 65 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS ***

MAY-27-2003 TUE 08:22 PM Case: 2003-30472122
Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 1

OCT-08-2003 WED 08:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31037138
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2432 State of Registration: NY
Num of Occupants: 1 Drivers Age: 57 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NOV-01-2003 SAT 09:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31056791
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3137 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JAN-12-2004 MON 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR0493419

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: SNOW
Road Surface Collision: WET Road Char: Light Condition: DUSK
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

FEB-08-2004 SUN 12:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31119218
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH GUIDE RAIL Traffic Control: NONE
Manner of Collision: OTHER Weather: OTHER
Road Surface Collision: SNOW/ICE Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2482 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUN-10-2004 THU 01:33 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1027864
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

SEP-28-2004 TUE 07:52 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1054777
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char.: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

NOV-14-2004 SUN 11:28 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1078906
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: INVALID CODE Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

NOV-21-2004 SUN 01:52 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31342174
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: SIDESWIPE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4073 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

NOV-30-2004 TUE 06:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2004-31361333
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3480 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-10-2004 FRI Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31338087
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: CURVE AND GRADE Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3080 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-15-2004 WED 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31360516
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: RAIN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3142 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAR-18-2005 FRI 03:55 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31437788
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3959 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAR-19-2005 SAT 06:29 AM Case: 2005-31426429
Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 0

JUL-13-2005 WED Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31613941
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3310 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-05-2005 MON 09:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31663847
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3118 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 74 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: UNKNOWN — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN — UNKNOWN

SEP-10-2006 SUN 12:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C — Case: 2006-31936784
Accident Class: INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OVERTAKING — Weather: CLEAR
Road Surface Collision: WET — Road Char: STRAIGHT/ GRADE — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE — Registered Weight: UNKNOWN — State of Registration: CT
Num of Occupants: 2 — Drivers Age: 58 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION — UNKNOWN

Veh: 2 MOTORCYCLE — Registered Weight: 788 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 36 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION — UNKNOWN

OCT-17-2006 TUE 01:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: — Case: 2006-31947611
Accident Class: PROPERTY DAMAGE — Police Agency:NOT ENTERED — Num of Veh: 1
Type of Accident: COLLISION WITH DEER — Traffic Control: UNKNOWN
Manner of Collision: OTHER — Weather: UNKNOWN
Road Surface Collision: UNKNOWN — Road Char: UNKNOWN — Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4210 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 57 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: NORTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: UNKNOWN — UNKNOWN

MAR-26-2007 MON 05:45 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: — Case: 2007-32157883
Accident Class: PROPERTY DAMAGE — Police Agency:NOT ENTERED — Num of Veh: 1
Type of Accident: COLLISION WITH DEER — Traffic Control: NONE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: OTHER — Weather: OTHER
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4524 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 56 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

OCT-10-2007 WED 07:25 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32355001
Accident Class: PROPERTY DAMAGE — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END — Weather: RAIN
Road Surface Collision: WET — Road Char: STRAIGHT/ GRADE — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 2714 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 27 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: DRIVER INATTENTION — PAVEMENT SLIPPERY

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 4189 — State of Registration: NY
Num of Occupants: 3 — Drivers Age: 38 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE — UNKNOWN

OCT-26-2007 FRI 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32390184
Accident Class: PROPERTY DAMAGE — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END — Weather: CLOUDY
Road Surface Collision: WET — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4277 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 31 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3518 — State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 76 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION FOLLOWING TOO CLOSELY

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 ***

DEC-12-2003 FRI 09:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31093030
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3064 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3528 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

JAN-22-2004 THU 06:47 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31162445
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3208 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3730 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 *** (Continued)

Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NOV-16-2004 TUE 10:03 AM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2004-31305076
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4978 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3155 State of Registration: NY
Num of Occupants: 2 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN ON RED
Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED NOT APPLICABLE

DEC-08-2004 WED Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31370436
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4020 State of Registration: NY
Num of Occupants: 2 Drivers Age: 67 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3738 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

MAR-02-2005 WED 02:34 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31408330
Accident Class: INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 *** (Continued)

Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3208 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2943 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

JUN-21-2005 TUE 10:49 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31539348
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUL-06-2005 WED 12:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31511534
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3885 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 *** (Continued)

Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

AUG-29-2005 MON 02:02 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2005-31579774
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3135 State of Registration: NY
Num of Occupants: 6 Drivers Age: 21 Sex: MALE Citation Issued: YES
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4119 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-23-2005 FRI 03:19 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31708148
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2729 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1074 INTERSECTION ACCIDENTS - JCT NY 306 - OLD NY 306 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4357 State of Registration: NY
Num of Occupants: 2 Drivers Age: 16 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: TURNING IMPROPER DRIVER INEXPERIENCE

FEB-13-2006 MON 07:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31727890
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2422 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3953 State of Registration: NY
Num of Occupants: 1 Drivers Age: 85 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

*** Ref Mrkr: 202 8501 1075 NON-INTERSECTION ACCIDENTS ***

APR-06-2005 WED 08:05 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31453064
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLL. W/EARTH ELE./ROCK CUT/DITCH Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION CELL PHONE (HAND HELD)

AUG-20-2007 MON 07:15 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2007-32298443
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1075 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: REAR END
Road Surface Collision: WET
Loc. of Ped/Bicycle: NOT APPLICABLE
Weather: RAIN
Road Char: STRAIGHT/ GRADE
Light Condition: DARK-ROAD UNLIGHTED
Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Num of Occupants: 2
Direction of Travel: SOUTH
Pre-Accd Action: AVOIDING OBJECT IN ROADWAY
Apparent Factors: ANIMAL'S ACTION
Registered Weight: 3031
Drivers Age: 47
Public Property Damage: NO
UNKNOWN
Sex: FEMALE
State of Registration: NY
Citation Issued: NO
School Bus Involved: NO

Veh: 2 CAR/VAN/PICKUP
Num of Occupants: 1
Direction of Travel: SOUTH
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY
Registered Weight: 3230
Drivers Age: 24
Public Property Damage: NO
UNKNOWN
Sex: FEMALE
State of Registration: NY
Citation Issued: NO
School Bus Involved: NO

OCT-14-2007 SUN 07:47 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries:
Case: 2007-32359249
Accident Class: PROPERTY DAMAGE
Police Agency:RAMAPO TOWN PD
Num of Veh: 1
Type of Accident: COLLISION WITH DEER
Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER
Weather: CLEAR
Road Surface Collision: DRY
Road Char: STRAIGHT AND LEVEL
Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE
Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Num of Occupants: 2
Direction of Travel: SOUTH-WEST
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION
Registered Weight: 3028
Drivers Age: 52
Public Property Damage: NO
NOT APPLICABLE
Sex: MALE
State of Registration: NY
Citation Issued: NO
School Bus Involved: NO

*** Ref Mrkr: 202 8501 1077 NON-INTERSECTION ACCIDENTS ***

NOV-30-2004 TUE 06:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries:
Case: 2004-NR1110491
Accident Class: NON-REPORTABLE
Police Agency:
Num of Veh: 1
Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE
Traffic Control: NONE
Manner of Collision: OTHER
Weather: CLOUDY
Road Surface Collision: DRY
Road Char:
Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle:
Action of Ped/Bicycle:

Veh: 1 OTHER
Num of Occupants: UNKNOWN
Direction of Travel: EAST
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION
Registered Weight: UNKNOWN
Drivers Age: UNKNOWN
Public Property Damage: NO
UNKNOWN
Sex: UNKNOWN
State of Registration: UNKNOWN
Citation Issued: NO
School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

OCT-14-2007 SUN 10:33 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32382783
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH GUIDE RAIL Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3018 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FELL ASLEEP UNKNOWN

*** Ref Mrkr: 202 8501 1079 NON-INTERSECTION ACCIDENTS ***

SEP-27-2007 THU 07:22 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32336817
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4175 State of Registration: NY
Num of Occupants: 1 Drivers Age: 64 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION NOT APPLICABLE

*** Ref Mrkr: 202 8501 1080 NON-INTERSECTION ACCIDENTS ***

FEB-15-2007 THU 06:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32103562
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2706 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2463 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1080 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS ***

APR-02-2003 WED 05:37 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0437012
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 1
Type of Accident: COLLISION WITH ANIMAL Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: WET Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

MAY-14-2003 WED 02:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0425064
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

JUN-22-2003 SUN 10:45 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0345688
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: RAIN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

JUL-02-2003 WED 04:13 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0294801
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

AUG-16-2003 SAT 05:11 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-30547712
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3198 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FELL ASLEEP UNKNOWN

OCT-02-2003 THU 10:42 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31036166
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND HILLCREST Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2566 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: FL
Num of Occupants: 1 Drivers Age: 32 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

OCT-02-2003 THU 10:12 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0412282
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

OCT-07-2003 TUE 08:27 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30602252

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 50 Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN
Truck/Bus Clsf: NOT ENTERED

SEP-08-2004 WED 09:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1067677
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

DEC-31-2004 FRI 03:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2004-31360577
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: SIDESWIPE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD LIGHTED

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2533 State of Registration: NY
Num of Occupants: 3 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NOV-21-2005 MON 08:56 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31646765
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3159 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2806 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

JUL-13-2006 THU 03:22 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31865226
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3360 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: LOST CONSCIOUSNESS NOT APPLICABLE

OCT-17-2007 WED 08:16 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32381731
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3104 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4720 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: REACTION TO OTHER UNINVOLVED VEHICL UNKNOWN

DEC-26-2007 WED 12:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32458640
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2871 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3051 State of Registration: NY
Num of Occupants: 1 Drivers Age: 72 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

DEC-30-2007 SUN 11:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32453376
Accident Class: PROPERTY DAMAGE Police Agency:ROCKLAND CO SO Num of Veh: 2

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 NON-INTERSECTION ACCIDENTS *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2399 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5043 State of Registration: NY
Num of Occupants: 4 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD ***

FEB-25-2003 TUE 05:22 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30867606
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3396 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2489 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: FEMALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY PASSING OR LANE USAGE IMPROPERLY

AUG-06-2003 WED 04:41 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31005068
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2271 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2388 State of Registration: NY
Num of Occupants: 1 Drivers Age: 71 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

AUG-07-2003 THU Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-31001111
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2846 State of Registration: NY
Num of Occupants: 2 Drivers Age: 32 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3985 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

AUG-26-2003 TUE 05:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-31007532
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2519 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY VIEW OBSTRUCTED/LIMITED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2843 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY REACTION TO OTHER UNINVOLVED VEHICL

OCT-10-2004 SUN 06:40 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AC Case: 2004-31290984
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 1824 State of Registration: NY
Num of Occupants: 1 Drivers Age: 63 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2851 State of Registration: NY
Num of Occupants: 1 Drivers Age: 56 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT UNKNOWN

FEB-17-2005 THU 10:40 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31403935
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 83 Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3126 State of Registration: NY
Num of Occupants: 1 Drivers Age: 57 Sex: FEMALE Citation Issued: NO

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAR-30-2005 WED 06:41 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31500424
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2997 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAY-11-2005 WED 09:04 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31489893
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2634 State of Registration: NY
Num of Occupants: 4 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2447 State of Registration: NY
Num of Occupants: 2 Drivers Age: 22 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OVERTAKING
Apparent Factors: FOLLOWING TOO CLOSELY PASSENGER DISTRACTION

AUG-12-2005 FRI 02:46 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2005-31557555

NYSDOT Safety Information Management System
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Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH FENCE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: FAILURE TO KEEP RIGHT UNKNOWN

APR-03-2006 MON 08:29 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2006-31790749
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3972 State of Registration: NY
Num of Occupants: 1 Drivers Age: 70 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 3 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN NOT APPLICABLE

AUG-09-2006 WED 04:47 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31887224
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3149 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3359 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

FEB-12-2007 MON 07:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32120844
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: UNKNOWN UNKNOWN

JUN-29-2007 FRI 07:29 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32262859
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3092 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: BACKING UNSAFELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2864 State of Registration: NY
Num of Occupants: 1 Drivers Age: UNKNOWN Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1081 INTERSECTION ACCIDENTS - CAMP HILL RD *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1082 NON-INTERSECTION ACCIDENTS ***

JUL-28-2003 MON 01:58 PM Case: 2003-30515540
Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 1

AUG-05-2003 TUE 12:45 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-31003602
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 77 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 7000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

NOV-21-2003 FRI 08:49 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0283611
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1082 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: DRIVER INATTENTION UNKNOWN

DEC-29-2003 MON 03:27 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BB Case: 2003-31090696
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3008 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2886 State of Registration: NY
Num of Occupants: 1 Drivers Age: 75 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: GLARE UNKNOWN

JUL-07-2006 FRI 04:52 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31865408
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OVERTAKING Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 2 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OVERTAKING
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3310 State of Registration: NY
Num of Occupants: 1 Drivers Age: 68 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: TURNING IMPROPER UNKNOWN

JUL-19-2006 WED 07:35 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31879950
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1082 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2394 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

OCT-13-2006 FRI 11:30 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31964076
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3393 State of Registration: NY
Num of Occupants: 1 Drivers Age: 76 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION FAILURE TO YIELD RIGHT OF WAY

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3496 State of Registration: NY
Num of Occupants: 1 Drivers Age: 64 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

APR-20-2007 FRI 08:20 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32178837
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3462 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3073 State of Registration: NY

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1082 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

*** Ref Mrkr: 202 8501 1082 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

JUN-06-2006 TUE 01:55 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AB Case: 2006-31820080
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 106 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

DEC-09-2006 SAT 12:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-NR1520926
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: BACKING
Apparent Factors: BACKING UNSAFELY UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: PARKED

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1082 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1083 NON-INTERSECTION ACCIDENTS ***

JUL-14-2006 FRI 04:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31880720
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2499 State of Registration: NY
Num of Occupants: 2 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3883 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

*** Ref Mrkr: 202 8501 1083 INTERSECTION ACCIDENTS - OLD RT 202 (EAST INTERSECTION) ***

JAN-03-2005 MON 08:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31354360
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: HEAD ON Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3271 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2878 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: OTHER (HUMAN) UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1083 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

MAY-16-2003 FRI 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0308173
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: BACKING
Apparent Factors: BACKING UNSAFELY DRIVER INATTENTION

*** Ref Mrkr: 202 8501 1084 NON-INTERSECTION ACCIDENTS ***

JAN-05-2003 SUN 09:07 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0022391
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: SNOW
Road Surface Collision: SNOW/ICE Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: PARKED
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNSAFE SPEED PAVEMENT SLIPPERY

JAN-27-2003 MON 01:48 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-30844505
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 1

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1084 NON-INTERSECTION ACCIDENTS *** (Continued)

Type of Accident: COLLISION WITH SNOW EMBANKMENT Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4726 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: TURNING IMPROPER UNKNOWN

AUG-02-2003 SAT 06:23 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0266841
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY FOLLOWING TOO CLOSELY

AUG-13-2003 WED 05:56 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0223649
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1084 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 OTHER
Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

DEC-31-2004 FRI 08:28 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31343616
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: 3310 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP
Registered Weight: 2639 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

JAN-26-2006 THU 05:25 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31736025
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:UNKNOWN Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: 2409 State of Registration: NY
Num of Occupants: 1 Drivers Age: 65 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION FOLLOWING TOO CLOSELY

Veh: 2 CAR/VAN/PICKUP
Registered Weight: 3142 State of Registration: NY
Num of Occupants: 2 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1084 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3272 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1084 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 01 ***

JUL-08-2006 SAT 01:51 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31876416
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 56 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 11000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 32 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS ***

JUN-13-2003 FRI Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30962821
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2878 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY TURNING IMPROPER

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2835 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-04-2003 MON 05:02 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0266835
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: OTHER (VEHICLE) PAVEMENT SLIPPERY

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

DEC-14-2003 SUN 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31093903
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: OTHER NON-COLLISION Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: SNOW/ICE Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2672 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

DEC-15-2003 MON 05:01 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31082125
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 64 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-24-2004 FRI 04:31 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: BCC Case: 2004-31343610
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2422 State of Registration: NY
Num of Occupants: 3 Drivers Age: 28 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2564 State of Registration: NY
Num of Occupants: 3 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAR-17-2005 THU 12:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31433297
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2465 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5676 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-07-2005 MON 08:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31648982
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 1 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2662 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NOV-07-2005 MON 08:18 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31648981
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2019 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3501 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: FEMALE Citation Issued: NO

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE UNKNOWN

MAR-27-2006 MON 05:17 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31763045
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2669 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: GLARE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4431 State of Registration: NY
Num of Occupants: 1 Drivers Age: 54 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

JUN-29-2006 THU 05:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31839536
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3891 State of Registration: NY
Num of Occupants: 2 Drivers Age: 51 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: GLARE UNKNOWN

*** Ref Mrkr: 202 8501 1085 INTERSECTION ACCIDENTS - PACESETTER PARK DR (STRIP MALL) ***

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

SEP-23-2003 TUE 08:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31024418
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3931 State of Registration: NY
Num of Occupants: 2 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION DRIVER INEXPERIENCE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

MAY-26-2006 FRI 07:43 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31807422
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2812 State of Registration: NY
Num of Occupants: 3 Drivers Age: 57 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3870 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-25-2006 MON 05:49 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32066281
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1085 INTERSECTION ACCIDENTS - PACESETTER PARK DR (STRIP MALL) *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2654 State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3149 State of Registration: NY
Num of Occupants: 2 Drivers Age: 68 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

*** Ref Mrkr: 202 8501 1086 NON-INTERSECTION ACCIDENTS ***

MAR-19-2003 WED 04:54 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0231383
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION FAILURE TO YIELD RIGHT OF WAY

APR-11-2003 FRI 03:10 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0058504
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1086 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: PARKED
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

APR-22-2003 TUE 12:13 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0354770
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

MAY-15-2003 THU 02:10 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0308178
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN

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*** Ref Mrkr: 202 8501 1086 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAY-17-2003 SAT 12:29 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: A Case: 2003-30914104
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2949 State of Registration: NY
Num of Occupants: 1 Drivers Age: 90 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY DRIVER INATTENTION

Veh: 2 MOTORCYCLE Registered Weight: 406 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNSAFE SPEED UNKNOWN

OCT-13-2003 MON 08:45 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-31043186
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4284 State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2449 State of Registration: NY
Num of Occupants: 1 Drivers Age: 64 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1086 NON-INTERSECTION ACCIDENTS *** (Continued)

JUN-07-2004 MON 09:03 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31223934
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3495 State of Registration: NY
Num of Occupants: 2 Drivers Age: 55 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3019 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2751 State of Registration: NY
Num of Occupants: 3 Drivers Age: 16 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

DEC-16-2004 THU 04:04 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31352403
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2588 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2502 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

DEC-16-2004 THU 04:04 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1085429
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: YIELD SIGN
Manner of Collision: OVERTAKING Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

AUG-03-2005 WED 11:37 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31543527
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 9400 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS ***

NOV-24-2003 MON 05:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0285573
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

FEB-17-2004 TUE 10:20 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AB Case: 2004-31123302
Accident Class: INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2432 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNSAFE SPEED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3810 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

MAR-02-2004 TUE 12:59 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR0447909
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY VIEW OBSTRUCTED/LIMITED

JUN-12-2005 SUN 11:36 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31523168
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3142 State of Registration: NY
Num of Occupants: 2 Drivers Age: 56 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: FL
Num of Occupants: 2 Drivers Age: 72 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3286 State of Registration: NY
Num of Occupants: 1 Drivers Age: 72 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

SEP-29-2005 THU 10:21 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31614690
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: UNKNOWN Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2898 State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY DRIVER INATTENTION

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5540 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

NOV-02-2005 WED 04:35 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31650549
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3548 State of Registration: NY
Num of Occupants: 2 Drivers Age: 76 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3994 State of Registration: NY
Num of Occupants: 2 Drivers Age: 20 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: GLARE UNKNOWN

NOV-15-2005 TUE 11:29 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2005-31675613
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2629 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

JAN-17-2006 TUE 07:34 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31735434
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2952 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2360 State of Registration: NY
Num of Occupants: 1 Drivers Age: 51 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

OCT-19-2007 FRI 08:24 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32361286
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: WET Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3548 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3184 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: FAILURE TO KEEP RIGHT TRAFFIC CONTROL DEVICES DISREGARDED

Veh: 3 TRUCK Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE
Truck/Bus Clsf: NOT ENTERED

*** Ref Mrkr: 202 8501 1087 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

JUN-14-2006 WED 02:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31808480
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: YIELD SIGN
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

*** Ref Mrkr: 202 8501 1087 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 01 ***

AUG-28-2007 TUE 05:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32313008
Accident Class: NON-REPORTABLE Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1087 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 01 *** (Continued)

Apparent Factors: REACTION TO OTHER UNINVOLVED VEHICL UNSAFE SPEED

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 5 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS ***

AUG-08-2003 FRI 04:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30989501
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: OTHER
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4061 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: CHANGING LANES
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3792 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: CHANGING LANES
Apparent Factors: UNKNOWN UNKNOWN

NOV-22-2003 SAT 08:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR1424920
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

MAR-11-2005 FRI 04:32 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31422853
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4062 State of Registration: NY
Num of Occupants: 1 Drivers Age: 57 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2723 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3203 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

MAR-17-2005 THU 04:08 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31426568
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3838 State of Registration: NY
Num of Occupants: 2 Drivers Age: 41 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3125 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2944 State of Registration: NY
Num of Occupants: 2 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

JUN-05-2005 SUN 02:07 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31503766
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2520 State of Registration: NY
Num of Occupants: 2 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2828 State of Registration: NY
Num of Occupants: 1 Drivers Age: 16 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION FAILURE TO YIELD RIGHT OF WAY

JUN-04-2007 MON 06:34 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32211575
Accident Class: PROPERTY DAMAGE Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3732 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FELL ASLEEP PAVEMENT SLIPPERY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2334 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: PAVEMENT SLIPPERY NOT APPLICABLE

JUL-17-2007 TUE 12:32 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2007-32266323
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2374 State of Registration: NY
Num of Occupants: 3 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

AUG-16-2007 THU 08:57 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32297570
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2830 State of Registration: NY
Num of Occupants: 1 Drivers Age: 80 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3600 State of Registration: NY
Num of Occupants: 1 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1088 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: FAILURE TO YIELD RIGHT OF WAY TURNING IMPROPER

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS ***

JAN-18-2003 SAT 07:13 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2003-30832125
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 1914 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3046 State of Registration: NY
Num of Occupants: 2 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

JAN-26-2003 SUN 05:57 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2003-30840942
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: SNOW
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2384 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3490 State of Registration: NY
Num of Occupants: 3 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

APR-01-2003 TUE 09:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0437013

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

APR-12-2003 SAT 10:24 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30895528
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3299 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 9900 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY PAVEMENT SLIPPERY

JUL-26-2003 SAT 06:57 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0300259
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 OTHER
Registered Weight: UNKNOWN
State of Registration: UNKNOWN
Num of Occupants: UNKNOWN
Drivers Age: UNKNOWN Sex: UNKNOWN
Citation Issued: NO
Direction of Travel: SOUTH
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN
UNKNOWN

Veh: 2 OTHER
Registered Weight: UNKNOWN
State of Registration: UNKNOWN
Num of Occupants: UNKNOWN
Drivers Age: UNKNOWN Sex: UNKNOWN
Citation Issued: NO
Direction of Travel: SOUTH
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: STARTING FROM PARKING
Apparent Factors: DRIVER INATTENTION
UNKNOWN

MAR-04-2004 THU 07:51 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries:
Case: 2004-NR0447148
Accident Class: NON-REPORTABLE
Police Agency:
Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE
Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END
Weather: RAIN
Road Surface Collision: WET
Road Char:
Light Condition: DAYLIGHT
Loc. of Ped/Bicycle:
Action of Ped/Bicycle:

Veh: 1 OTHER
Registered Weight: UNKNOWN
State of Registration: UNKNOWN
Num of Occupants: UNKNOWN
Drivers Age: UNKNOWN Sex: UNKNOWN
Citation Issued: NO
Direction of Travel: WEST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INEXPERIENCE
PAVEMENT SLIPPERY

Veh: 2 OTHER
Registered Weight: UNKNOWN
State of Registration: UNKNOWN
Num of Occupants: UNKNOWN
Drivers Age: UNKNOWN Sex: UNKNOWN
Citation Issued: NO
Direction of Travel: WEST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN
UNKNOWN

MAR-31-2004 WED 08:08 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries:
Case: 2004-NR0444893
Accident Class: NON-REPORTABLE
Police Agency:
Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE
Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OVERTAKING
Weather: RAIN
Road Surface Collision: WET
Road Char:
Light Condition: DAYLIGHT
Loc. of Ped/Bicycle:
Action of Ped/Bicycle:

Veh: 1 OTHER
Registered Weight: UNKNOWN
State of Registration: UNKNOWN
Num of Occupants: UNKNOWN
Drivers Age: UNKNOWN Sex: UNKNOWN
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

MAY-23-2004 SUN 09:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1073517
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: FOG/SMOG/SMOKE
Road Surface Collision: WET Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: INVALID CODE Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: VIEW OBSTRUCTED/LIMITED UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUL-21-2004 WED 10:32 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31243624
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2780 State of Registration: NY
Num of Occupants: 3 Drivers Age: 62 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3805 State of Registration: NY
Num of Occupants: 2 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

SEP-27-2004 MON 08:56 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1054775
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

OCT-06-2004 WED 12:39 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1071121
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: YIELD SIGN
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MERGING
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-07-2004 THU 05:42 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1070924
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: UNKNOWN Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-09-2004 TUE 08:51 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1078997
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: INVALID CODE Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-16-2004 TUE 07:32 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-NR1044129
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 OTHER
Registered Weight: UNKNOWN
State of Registration: UNKNOWN
Num of Occupants: UNKNOWN
Drivers Age: UNKNOWN Sex: UNKNOWN
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN
UNKNOWN

Veh: 2 OTHER
Registered Weight: UNKNOWN
State of Registration: UNKNOWN
Num of Occupants: UNKNOWN
Drivers Age: UNKNOWN Sex: UNKNOWN
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION
UNKNOWN

MAR-28-2005 MON 06:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2005-31427233
Accident Class: INJURY
Police Agency:RAMAPO TOWN PD
Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE
Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END
Weather: RAIN
Road Surface Collision: WET
Road Char: STRAIGHT AND LEVEL
Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE
Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: 2388
State of Registration: NY
Num of Occupants: 1
Drivers Age: 34 Sex: MALE
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY
UNKNOWN

Veh: 2 CAR/VAN/PICKUP
Registered Weight: 3320
State of Registration: NY
Num of Occupants: 2
Drivers Age: 47 Sex: FEMALE
Citation Issued: NO
Direction of Travel: EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN
UNKNOWN

JUN-18-2005 SAT 04:16 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31514620
Accident Class: PROPERTY DAMAGE AND INJURY
Police Agency:RAMAPO TOWN PD
Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE
Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE
Weather: CLOUDY
Road Surface Collision: DRY
Road Char: STRAIGHT AND LEVEL
Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE
Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: UNKNOWN
State of Registration: NJ
Num of Occupants: 1
Drivers Age: 45 Sex: MALE
Citation Issued: NO
Direction of Travel: NORTH-EAST
Public Property Damage: NO
School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY
DRIVER INATTENTION

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2761 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

SEP-14-2005 WED 08:00 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31608838
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: YIELD SIGN
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2755 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

SEP-15-2005 THU 08:33 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31624500
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3394 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 18 — Sex: MALE — Citation Issued: NO
Direction of Travel: UNKNOWN — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN — UNKNOWN

OCT-29-2005 SAT 10:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31659473
Accident Class: PROPERTY DAMAGE — Police Agency:NOT ENTERED — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (WITH OTHER CAR) — Weather: CLOUDY
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3515 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 43 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: NORTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 2623 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 55 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

JAN-06-2006 FRI 07:08 PM Persons Killed: 0 Persons Injured: 4 Extent of Injuries: ACCC Case: 2006-31715250
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) — Weather: CLOUDY
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 2956 — State of Registration: NY
Num of Occupants: 3 — Drivers Age: 18 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: NORTH-EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3391 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 57 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAY-22-2006 MON 03:57 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: A Case: 2006-31853961
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2630 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

JUL-12-2006 WED 02:39 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31863653
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 57 Sex: FEMALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY PAVEMENT SLIPPERY

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3228 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: FEMALE Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

OCT-15-2006 SUN 01:18 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31956705
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3953 State of Registration: NY
Num of Occupants: 2 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4081 State of Registration: NY
Num of Occupants: 2 Drivers Age: 30 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

FEB-22-2007 THU 07:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32092012
Accident Class: PROPERTY DAMAGE Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 68 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

MAY-30-2007 WED 03:51 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32222309

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2410 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: IL
Num of Occupants: 3 Drivers Age: 107 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

JUN-12-2007 TUE 06:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32232306
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4546 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3528 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNSAFE SPEED

JUL-26-2007 THU 05:12 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32281431
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2781 State of Registration: NY
Num of Occupants: 2 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN
Truck/Bus Clsf: NOT ENTERED

SEP-20-2007 THU 03:14 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32356141
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3907 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2724 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-05-2007 FRI 03:36 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32355011
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5238 State of Registration: NY
Num of Occupants: 2 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5356 State of Registration: NY
Num of Occupants: 2 Drivers Age: 35 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-14-2007 SUN 03:33 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32381729
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3086 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3635 State of Registration: NY
Num of Occupants: 3 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-25-2007 THU 04:16 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AC Case: 2007-32381720
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: 33000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN
Truck/Bus Clsf: NOT ENTERED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2943 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION TRAFFIC CONTROL DEVICES DISREGARDED

NOV-08-2007 THU 05:29 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32401325
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3093 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2612 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3470 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT DRIVER INATTENTION

DEC-20-2007 THU 10:54 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32436499
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 6000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4250 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

*** Ref Mrkr: 202 8501 1089 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 55 ***

JUN-07-2006 WED 06:22 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31854740
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3373 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

SEP-06-2006 WED 04:55 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31936821
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3220 State of Registration: NY
Num of Occupants: 3 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: TURNING IMPROPER UNSAFE SPEED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2289 State of Registration: NY
Num of Occupants: 1 Drivers Age: 54 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 55 *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1089 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

DEC-06-2003 SAT 03:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0477651
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: SNOW
Road Surface Collision: SNOW/ICE Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: OBSTRUCTION/DEBRIS UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-28-2004 WED 11:10 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31194354
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2985 State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1089 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3008 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

NOV-25-2006 SAT 11:28 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-32020557
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3075 State of Registration: NY
Num of Occupants: 1 Drivers Age: 71 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3829 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN NOT APPLICABLE

JAN-16-2007 TUE 06:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32077893
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3209 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3819 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS ***

MAR-05-2003 WED 06:09 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30880006
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3754 State of Registration: NY
Num of Occupants: 2 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3195 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

APR-14-2003 MON 11:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-NR0058342
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 1
Type of Accident: COLLISION WITH ANIMAL Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

JUL-03-2003 THU 07:14 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30610807
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NOT ENTERED Public Property Damage: NO School Bus Involved: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: NOT ENTERED
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NOT ENTERED Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: NOT ENTERED
Apparent Factors: NOT APPLICABLE UNKNOWN

SEP-29-2003 MON 02:22 PM Case: 2003-31027647
Accident Class: NON-REPORTABLE Police Agency:RAMAPO TOWN PD Num of Veh: 0

NOV-14-2003 FRI 04:02 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31060433
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2434 State of Registration: NY
Num of Occupants: 3 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2587 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

JUN-22-2004 TUE 07:48 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31227043
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3049 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2623 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

OCT-25-2004 MON 06:45 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31309892
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3040 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUL-28-2005 THU 08:35 AM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2005-31574162
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 3 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4731 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-25-2005 THU 05:06 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31577810
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 4
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 9900 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2596 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2443 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 4 CAR/VAN/PICKUP Registered Weight: 2364 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

JAN-16-2006 MON 01:55 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-32082225
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3819 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

OCT-12-2006 THU 03:09 PM Persons Killed: 0 Persons Injured: 4 Extent of Injuries: CCCC Case: 2006-31957271
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 4
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4333 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3049 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2950 State of Registration: NY
Num of Occupants: 2 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 4 CAR/VAN/PICKUP Registered Weight: 3916 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

OCT-14-2006 SAT 10:29 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31957269
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: OTHER — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3231 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 45 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3047 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 25 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 3 CAR/VAN/PICKUP — Registered Weight: 3505 — State of Registration: NY
Num of Occupants: 3 — Drivers Age: 40 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

NOV-22-2006 WED 08:39 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: — Case: 2006-32035249
Accident Class: PROPERTY DAMAGE — Police Agency:RAMAPO TOWN PD — Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: NONE
Manner of Collision: OTHER — Weather: RAIN
Road Surface Collision: WET — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 7000 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 18 — Sex: MALE — Citation Issued: YES
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION — DRIVER INEXPERIENCE

Veh: 2 CAR/VAN/PICKUP — Registered Weight: UNKNOWN — State of Registration: UNKNOWN
Num of Occupants: 2 — Drivers Age: 20 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — UNKNOWN

Veh: 3 CAR/VAN/PICKUP — Registered Weight: 2996 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 36 — Sex: MALE — Citation Issued: NO

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

FEB-04-2007 SUN 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32120146
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH OTHER FIXED OBJECT Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3093 State of Registration: NY
Num of Occupants: 4 Drivers Age: 32 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAY-05-2007 SAT 09:55 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32188585
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3600 State of Registration: NY
Num of Occupants: 2 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

SEP-18-2007 TUE 09:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32331241
Accident Class: PROPERTY DAMAGE Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2982 State of Registration: NY
Num of Occupants: 2 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2875 State of Registration: NY
Num of Occupants: 2 Drivers Age: 38 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

OCT-02-2007 TUE 06:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32355315
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 24500 State of Registration: NY
Num of Occupants: 2 Drivers Age: 34 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4434 State of Registration: NY
Num of Occupants: 1 Drivers Age: 51 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

DEC-02-2007 SUN 06:50 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32425142
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: HEAD ON Weather: SLEET/HAIL/FREEZING RAIN
Road Surface Collision: SNOW/ICE Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2892 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2542 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

DEC-03-2007 MON 11:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32425143
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4058 State of Registration: NY
Num of Occupants: 2 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4373 State of Registration: NY
Num of Occupants: 2 Drivers Age: 24 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER ***

JAN-04-2003 SAT 12:41 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-30827930
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3884 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3042 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

FEB-11-2003 TUE 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30860530
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER *** (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUN-14-2003 SAT 02:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30963085
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3049 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3460 State of Registration: NY
Num of Occupants: 2 Drivers Age: 20 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY OTHER (VEHICLE)

OCT-10-2003 FRI 09:20 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31047697
Accident Class: INJURY Police Agency:HAVERSTRAW VILLAGE PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3041 State of Registration: NY
Num of Occupants: 2 Drivers Age: 52 Sex: FEMALE Citation Issued: NO

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5058 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAY-26-2004 WED 07:10 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31187526
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH GUIDE RAIL Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3347 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2663 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

AUG-17-2004 TUE Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31264585
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3067 State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3022 State of Registration: NY

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER *** (Continued)

Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN ON RED
Apparent Factors: UNKNOWN UNKNOWN

JAN-24-2006 TUE 11:43 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31735448
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2926 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2497 State of Registration: NY
Num of Occupants: 1 Drivers Age: 64 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NOV-30-2006 THU 08:57 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32017615
Accident Class: PROPERTY DAMAGE Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3310 State of Registration: NY
Num of Occupants: 1 Drivers Age: 54 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3044 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY FAILURE TO YIELD RIGHT OF WAY

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - RAMPS FROM/TO PIP SB-DINER *** (Continued)

JAN-27-2007 SAT 02:02 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32059919
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 71 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 6000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT UNSAFE SPEED

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 99 ***

MAY-03-2003 SAT 08:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30934953
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: OTHER
Road Surface Collision: DRY Road Char: CURVE AND GRADE Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2640 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

JUL-18-2007 WED 07:04 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32276178
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 3 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3209 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1090 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 45 ***

JUN-13-2003 FRI 03:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-30943991
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3400 State of Registration: NY
Num of Occupants: 2 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4312 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS ***

MAR-05-2003 WED 10:41 AM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2003-30873757
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3216 State of Registration: NY

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 2 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3902 State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

OCT-17-2003 FRI 11:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31087657
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 2 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: YES
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 46 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-19-2003 FRI 11:45 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-31092349
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 2 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: YES
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

DEC-26-2003 FRI 05:21 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31087924
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4121 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 4746 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-31-2003 WED 03:26 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30932032
Accident Class: INJURY Police Agency:RAMAPO TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: UNKNOWN State of Registration: AZ
Num of Occupants: 2 Drivers Age: 31 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

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Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Truck/Bus Clsf: NOT ENTERED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3139 State of Registration: NY
Num of Occupants: 1 Drivers Age: 63 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3373 State of Registration: NY
Num of Occupants: 2 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-11-2004 WED 02:49 AM Persons Killed: 0 Persons Injured: 5 Extent of Injuries: AAAAA Case: 2004-31252931
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 5 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2756 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

DEC-01-2004 WED 10:45 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31315669
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3164 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 63 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

MAR-03-2005 THU 06:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31430420
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3245 State of Registration: NY
Num of Occupants: 1 Drivers Age: 70 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3890 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JAN-31-2006 TUE Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31737295
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2445 State of Registration: NY
Num of Occupants: 1 Drivers Age: 65 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2587 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO

NYSDOT Safety Information Management System
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Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

SEP-17-2006 SUN 02:25 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31928363
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2945 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2377 State of Registration: NY
Num of Occupants: 2 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-16-2006 MON 11:55 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31956348
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 6000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4496 State of Registration: NY
Num of Occupants: 3 Drivers Age: 28 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

MAR-10-2007 SAT 04:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32130992

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4051 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3845 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

MAR-15-2007 THU 05:05 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2007-32130723
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4379 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2405 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

SEP-21-2007 FRI 01:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32339717
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3100 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3088 State of Registration: NY
Num of Occupants: 1 Drivers Age: 83 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

OCT-01-2007 MON 03:45 PM Persons Killed: 0 Persons Injured: 4 Extent of Injuries: BCCC Case: 2007-32350397
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN ON RED
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 7200 State of Registration: NY
Num of Occupants: 1 Drivers Age: 65 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2590 State of Registration: NY
Num of Occupants: 3 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: YES School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

OCT-18-2007 THU 01:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32365758
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 NON-INTERSECTION ACCIDENTS *** (Continued)

Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4608 State of Registration: NY
Num of Occupants: 5 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY DRIVER INATTENTION

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3627 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

DEC-24-2007 MON 09:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32466923
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2548 State of Registration: NY
Num of Occupants: 2 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2434 State of Registration: NY
Num of Occupants: 3 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. ***

FEB-04-2003 TUE 03:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30854637
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3271 State of Registration: NY

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Num of Occupants: 3 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

FEB-19-2003 WED 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30868259
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: SNOW/ICE Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2996 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

FEB-23-2003 SUN 08:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30867649
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3208 State of Registration: NY
Num of Occupants: 2 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2864 State of Registration: NY
Num of Occupants: 2 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3278 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

MAR-04-2003 TUE 09:06 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30878933
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3150 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

JUN-07-2003 SAT 04:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30942841
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4257 State of Registration: NY
Num of Occupants: 7 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 10815 State of Registration: NY
Num of Occupants: 4 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

JUN-07-2003 SAT 11:46 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30942391
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NYS OFF MENTAL HLTH RES INST Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3400 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2432 State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2699 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

JUN-10-2003 TUE 04:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30955789
Accident Class: INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3126 State of Registration: NY
Num of Occupants: 3 Drivers Age: 16 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Apparent Factors: UNKNOWN — FAILURE TO YIELD RIGHT OF WAY

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 4129 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 54 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

SEP-12-2003 FRI 06:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C — Case: 2003-31018000
Accident Class: INJURY — Police Agency:RAMAPO TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT/ GRADE — Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3986 — State of Registration: NY
Num of Occupants: 2 — Drivers Age: 25 — Sex: MALE — Citation Issued: NO
Direction of Travel: NORTH-EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION — UNKNOWN

Veh: 2 OTHER — Registered Weight: UNKNOWN — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 26 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

SEP-30-2003 TUE 12:45 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C — Case: 2003-31028678
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:ROCKLAND CO SO — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: NONE
Manner of Collision: REAR END — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 2519 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 28 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3239 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 20 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

FEB-06-2004 FRI Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31112055
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2572 State of Registration: NY
Num of Occupants: 1 Drivers Age: 70 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2448 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-13-2004 TUE 06:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31180047
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2980 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5549 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED UNKNOWN

JUN-18-2004 FRI 05:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31217737
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2641 State of Registration: NY
Num of Occupants: 2 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3705 State of Registration: NY
Num of Occupants: 1 Drivers Age: 73 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-03-2004 TUE 11:25 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31269953
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 33 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3889 State of Registration: NY
Num of Occupants: 3 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-29-2004 SUN 06:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31268279
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3338 State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4120 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-31-2004 TUE 03:35 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31261206
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2949 State of Registration: NY
Num of Occupants: 2 Drivers Age: 39 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 6010 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

APR-24-2005 SUN 11:15 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31447764
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2632 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 6060 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

NOV-15-2005 TUE 10:19 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31665038
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4120 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2770 State of Registration: NY
Num of Occupants: 2 Drivers Age: 57 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

NOV-24-2005 THU 12:35 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31640518
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3040 State of Registration: NY
Num of Occupants: 5 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3053 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Apparent Factors: FOLLOWING TOO CLOSELY PAVEMENT SLIPPERY

JUL-19-2006 WED 10:27 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31877482
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3131 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: ALCOHOL INVOLVEMENT FAILURE TO YIELD RIGHT OF WAY

Veh: 2 MOTORCYCLE Registered Weight: 443 State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUL-31-2006 MON 07:46 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2006-31870321
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2398 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: REACTION TO OTHER UNINVOLVED VEHICL UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2544 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3195 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
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*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-16-2006 WED 06:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31897326
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2564 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: MA
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: GLARE ALCOHOL INVOLVEMENT

SEP-07-2006 THU 04:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31949922
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH PEDESTRIAN Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: PED/BICYCLIST AT INTERSECTION Action of Ped/Bicycle: CROSSING AGAINST SIGNAL

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3096 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 PEDESTRIAN Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Pedestrian Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: NOT APPLICABLE Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: NOT APPLICABLE
Apparent Factors: UNKNOWN UNKNOWN

OCT-26-2006 THU 12:40 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31975828
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NYS OFF MENTAL HLTH RES INST Num of Veh: 3

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*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 6283 — State of Registration: NY
Num of Occupants: 7 — Drivers Age: 38 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 4211 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 38 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — UNKNOWN

Veh: 3 CAR/VAN/PICKUP — Registered Weight: 3890 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 37 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY — UNKNOWN

NOV-05-2006 SUN 05:15 PM Persons Killed: 0 Persons Injured: 5 Extent of Injuries: CCCCC — Case: 2006-31976962
Accident Class: INJURY — Police Agency:HAVERSTRAW TOWN PD — Num of Veh: 5
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 4503 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 54 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3686 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 49 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 3 CAR/VAN/PICKUP — Registered Weight: 2242 — State of Registration: NY

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*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Num of Occupants: 3 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 4 CAR/VAN/PICKUP Registered Weight: 3523 State of Registration: NY
Num of Occupants: 2 Drivers Age: 85 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: BRAKES DEFECTIVE UNKNOWN

Veh: 5 CAR/VAN/PICKUP Registered Weight: 3990 State of Registration: NY
Num of Occupants: 2 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

NOV-08-2006 WED 11:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31996488
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3206 State of Registration: NY
Num of Occupants: 1 Drivers Age: 65 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: OTHER (HUMAN) NOT APPLICABLE

AUG-30-2007 THU 09:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32311983
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - MT IVY RD CR 59/ PARKING STN. *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3173 State of Registration: NY
Num of Occupants: 1 Drivers Age: 32 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4696 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: OTHER (VEHICLE) UNKNOWN

*** Ref Mrkr: 202 8501 1091 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

AUG-12-2004 THU 08:59 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31271733
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 67 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 BUS Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS ***

JAN-02-2003 THU 06:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30825094
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3665 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3177 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAY-23-2003 FRI 02:15 AM Case: 2003-30541375
Accident Class: NON-REPORTABLE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2

OCT-08-2003 WED 06:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31035523
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2864 State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3075 State of Registration: NY
Num of Occupants: 1 Drivers Age: 68 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED UNKNOWN

DEC-11-2003 THU 01:47 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31101150
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3741 State of Registration: NY
Num of Occupants: 2 Drivers Age: 27 Sex: MALE Citation Issued: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3075 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

MAY-29-2004 SAT 09:09 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BB Case: 2004-31188395
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH BICYCLIST Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: PED/BICYCLIST NOT AT INTERSECTION Action of Ped/Bicycle: ALONG HIGHWAY WITH TRAFFIC

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2905 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 BICYCLE Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Bicyclist Age: 54 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PEDESTRIAN'S ERROR/CONFUSION NOT APPLICABLE

Veh: 3 BICYCLE Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Bicyclist Age: 53 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUN-12-2004 SAT 07:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31221053
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 MOTORCYCLE Registered Weight: 474 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: OTHER (VEHICLE) NOT APPLICABLE

JUL-22-2004 THU 03:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31255330
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2574 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 BUS Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

AUG-14-2004 SAT 07:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31260672
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4303 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP
Registered Weight: 3113 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION VIEW OBSTRUCTED/LIMITED

SEP-22-2004 WED 03:10 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31272912
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: 2254 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP
Registered Weight: 2324 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

JAN-19-2005 WED Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31479771
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: SLEET/HAIL/FREEZING RAIN
Road Surface Collision: SNOW/ICE Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Registered Weight: 3986 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER
Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

FEB-16-2005 WED 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31405110
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3579 State of Registration: NY
Num of Occupants: 1 Drivers Age: 86 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JUL-07-2005 THU 09:35 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31533776
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2558 State of Registration: NY
Num of Occupants: 2 Drivers Age: 40 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2403 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUL-07-2005 THU 08:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31524095
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: 710 State of Registration: NY
Num of Occupants: 2 Drivers Age: 52 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2698 State of Registration: NY
Num of Occupants: 2 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED NOT APPLICABLE

JUL-24-2005 SUN 08:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31562128
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT TURN (WITH OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3084 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JUL-27-2005 WED 08:15 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: ABC Case: 2005-31574161
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2487 State of Registration: NY

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4045 State of Registration: NY
Num of Occupants: 2 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

JUL-31-2005 SUN 08:48 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31560884
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: DE
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: ALCOHOL INVOLVEMENT FOLLOWING TOO CLOSELY

AUG-01-2005 MON Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31568598
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2376 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

SEP-23-2005 FRI 05:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31594888
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3351 State of Registration: NY
Num of Occupants: 2 Drivers Age: 57 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3986 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

OCT-27-2005 THU 05:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31660323
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3000 State of Registration: NY
Num of Occupants: 3 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2480 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

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Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

DEC-23-2005 FRI 05:50 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31725619
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4008 State of Registration: NY
Num of Occupants: 2 Drivers Age: 62 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3355 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-03-2006 MON 01:52 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31830453
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3148 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3887 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-08-2006 TUE 08:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31897054
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2679 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3187 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

AUG-15-2006 TUE 11:45 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31887273
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4037 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 62 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-17-2006 THU 05:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31886962
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3816 State of Registration: NY
Num of Occupants: 2 Drivers Age: 77 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3228 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

NOV-29-2006 WED 03:37 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-NR1526513
Accident Class: NON-REPORTABLE Police Agency: Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: DRY Road Char: Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: Action of Ped/Bicycle:

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

DEC-15-2006 FRI 11:10 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-32028021
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2698 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3266 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT UNKNOWN

DEC-26-2006 TUE 01:05 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-32065201
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: 17500 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3287 State of Registration: NY
Num of Occupants: 2 Drivers Age: 37 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JAN-02-2007 TUE 11:40 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32064921
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3889 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED FAILURE TO YIELD RIGHT OF WAY

Veh: 2 TRUCK Registered Weight: 33000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 67 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 NON-INTERSECTION ACCIDENTS *** (Continued)

JAN-30-2007 TUE 02:45 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32084438
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3028 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4133 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

JUL-28-2007 SAT 03:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32280499
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3499 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4168 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 ***

JAN-29-2003 WED 11:10 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30842232
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2557 State of Registration: NY
Num of Occupants: 3 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3231 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: ALCOHOL INVOLVEMENT UNKNOWN

JAN-29-2003 WED 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30843075
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3522 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2367 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

APR-05-2003 SAT 03:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30908685
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: UNKNOWN
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2222 State of Registration: NY

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Num of Occupants: 2 Drivers Age: 47 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: 1 Drivers Age: 32 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-09-2003 WED 12:40 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30897210
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2425 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2874 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

APR-13-2003 SUN 01:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30895884
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2996 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2952 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: UNKNOWN UNKNOWN

APR-28-2003 MON 02:48 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30910606
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: WY
Num of Occupants: 1 Drivers Age: 103 Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

MAY-05-2003 MON 09:48 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30918176
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 2 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3181 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

MAY-23-2003 FRI 04:40 PM Case: 2003-30547377
Accident Class: NON-REPORTABLE Police Agency:NOT ENTERED Num of Veh: 2

JUN-17-2003 TUE 08:12 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30930896
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2908 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5345 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-03-2003 MON 06:09 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31065819
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3625 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4736 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

NOV-17-2003 MON 03:38 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: A Case: 2003-31057700
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2394 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3457 State of Registration: NY
Num of Occupants: 1 Drivers Age: 61 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

NOV-19-2003 WED Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-31056169
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 1
Type of Accident: COLLISION WITH OTHER Traffic Control: UNKNOWN
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: UNKNOWN Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 63 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

DEC-28-2003 SUN 07:03 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AA Case: 2003-31077214
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3006 State of Registration: NY
Num of Occupants: 2 Drivers Age: 76 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 4050 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 43 — Sex: MALE — Citation Issued: NO
Direction of Travel: UNKNOWN — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN — UNKNOWN

JUN-18-2004 FRI 03:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31229484
Accident Class: PROPERTY DAMAGE — Police Agency:NOT ENTERED — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AT HILLCREST — Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3812 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 25 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: NORTH-EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3203 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 104 — Sex: UNKNOWN — Citation Issued: NO
Direction of Travel: NORTH-EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN — UNKNOWN

OCT-16-2004 SAT 04:55 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31150662
Accident Class: INJURY — Police Agency:PALISADES SP — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END — Weather: CLEAR
Road Surface Collision: DRY — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3794 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 25 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY — NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 2892 — State of Registration: NY
Num of Occupants: 2 — Drivers Age: 46 — Sex: FEMALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

DEC-13-2004 MON 05:15 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31377962
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2519 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4627 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JAN-25-2005 TUE 10:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31757699
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3964 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

APR-20-2005 WED 01:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31455145
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3040 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4033 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

APR-27-2005 WED 05:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31473121
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: 355 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INEXPERIENCE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2245 State of Registration: NY
Num of Occupants: 1 Drivers Age: 41 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

MAY-21-2005 SAT 06:35 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AC Case: 2005-31480670
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2793 State of Registration: NY
Num of Occupants: 2 Drivers Age: 54 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2380 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNSAFE LANE CHANGE NOT APPLICABLE

MAY-31-2005 TUE 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31565168
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3872 State of Registration: NY
Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3395 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUN-09-2005 THU 06:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31497574
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3583 State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: YES
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY VIEW OBSTRUCTED/LIMITED

NYSDOT Safety Information Management System
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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3120 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JUN-29-2005 WED 03:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31544014
Accident Class: NON-REPORTABLE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH BUILDING/WALL Traffic Control: NONE
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: UNKNOWN Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION FATIGUED/DROWSY

JUL-03-2005 SUN 10:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31545067
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2874 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2414 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: FOLLOWING TOO CLOSELY DRIVER INEXPERIENCE

OCT-07-2005 FRI 05:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31660198
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: RAIN

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Road Surface Collision: WET Road Char: STRAIGHT AT HILLCREST Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2519 State of Registration: NY
Num of Occupants: 3 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2573 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

OCT-26-2005 WED 08:20 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31632451
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: WET Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3003 State of Registration: NY
Num of Occupants: 1 Drivers Age: 84 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3618 State of Registration: NY
Num of Occupants: 1 Drivers Age: 54 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

OCT-31-2005 MON 04:30 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31662846
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3322 State of Registration: NY
Num of Occupants: 2 Drivers Age: 41 Sex: FEMALE Citation Issued: NO

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: DRIVER INATTENTION GLARE
Truck/Bus Clsf: NOT ENTERED

NOV-13-2005 SUN 05:25 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31724493
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2434 State of Registration: NY
Num of Occupants: 1 Drivers Age: 57 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4310 State of Registration: NY
Num of Occupants: 3 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

DEC-08-2005 THU 07:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31698730
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2703 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

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*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3355 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

DEC-15-2005 THU Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31699915
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2593 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2497 State of Registration: NY
Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

JAN-18-2006 WED Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31700587
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2952 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2744 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

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FEB-13-2006 MON 11:13 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31752133
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: OTHER
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3120 State of Registration: NY
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: YES
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: UNSAFE LANE CHANGE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2508 State of Registration: NY
Num of Occupants: 1 Drivers Age: 65 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: NOT APPLICABLE UNKNOWN

MAR-14-2006 TUE Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31813661
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: HEAD ON Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2687 State of Registration: NY
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3552 State of Registration: NY
Num of Occupants: 1 Drivers Age: 75 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

APR-08-2006 SAT 10:35 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31823183
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4178 State of Registration: NY
Num of Occupants: 2 Drivers Age: 49 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING U TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4010 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

APR-10-2006 MON 05:38 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2006-31792594
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4038 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3367 State of Registration: NY
Num of Occupants: 3 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAY-09-2006 TUE 08:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31820521
Accident Class: INJURY Police Agency:RENSSELAER CO SHERIFF DEPT Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3014 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3028 State of Registration: NY
Num of Occupants: 2 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

MAY-25-2006 THU 11:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31844785
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OVERTAKING Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2864 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3158 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

MAY-27-2006 SAT 02:48 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31832727
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: FOG/SMOG/SMOKE
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2789 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: NOT ENTERED Public Property Damage: YES School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4012 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT FATIGUED/DROWSY

JUN-20-2006 TUE 06:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31860343
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2693 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3037 State of Registration: NY
Num of Occupants: 1 Drivers Age: 49 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

JUL-11-2006 TUE 06:05 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31848114
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3287 State of Registration: NY
Num of Occupants: 2 Drivers Age: 54 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 1 Drivers Age: 28 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: BRAKES DEFECTIVE FOLLOWING TOO CLOSELY

NOV-12-2006 SUN 05:55 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31972514
Accident Class: NON-REPORTABLE Police Agency:PALISADES SP Num of Veh: 2

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 2 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

NOV-22-2006 WED 07:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32003100
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2996 State of Registration: NY
Num of Occupants: 1 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: LANE MARKING IMPROPER/INADEQUATE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5280 State of Registration: NY
Num of Occupants: 4 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: CHANGING LANES
Apparent Factors: UNSAFE LANE CHANGE UNKNOWN

JAN-02-2007 TUE 10:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32064803
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4627 State of Registration: NY
Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: PARKED
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3835 State of Registration: NY
Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: BACKING
Apparent Factors: BACKING UNSAFELY UNKNOWN

JAN-30-2007 TUE 01:20 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32091207
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4320 State of Registration: NY
Num of Occupants: 1 Drivers Age: 39 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: BACKING
Apparent Factors: UNKNOWN UNKNOWN

MAY-07-2007 MON 11:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32191682
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4563 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 45 8501 1085 INTERSECTION ACCIDENTS - JCT US 202 & NY 45 *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3825 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED UNKNOWN

MAY-14-2007 MON 07:38 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32208789
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH OTHER Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: UNKNOWN State of Registration: TX
Num of Occupants: 2 Drivers Age: 52 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: TURNING IMPROPER UNKNOWN
Truck/Bus Clsf: NOT ENTERED

AUG-07-2007 TUE 04:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32287134
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3018 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN ON RED
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY DRIVER INATTENTION

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 99 ***

FEB-22-2003 SAT 02:30 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30860330

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 99 *** (Continued)

Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2729 State of Registration: NY
Num of Occupants: 2 Drivers Age: 67 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4587 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

AUG-29-2004 SUN 09:50 AM Case: 2004-31256402
Accident Class: NON-REPORTABLE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2

OCT-15-2004 FRI 10:28 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31291295
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2271 State of Registration: NY
Num of Occupants: 3 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3285 State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

NOV-20-2004 SAT 06:25 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31307186
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: CURVE AND GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3026 State of Registration: NY
Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: OTHER (HUMAN) UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2916 State of Registration: NY
Num of Occupants: 1 Drivers Age: 34 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

JUL-13-2005 WED 09:00 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31549399
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4123 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3028 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 *** (Continued)

JAN-25-2006 WED 11:45 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31666104
Accident Class: INJURY Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3964 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

MAR-22-2006 WED 04:29 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31762948
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2519 State of Registration: NY
Num of Occupants: 2 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3247 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 33 ***

MAR-11-2006 SAT 06:55 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: BCC Case: 2006-31746449
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 33 *** (Continued)

Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4870 State of Registration: NY
Num of Occupants: 4 Drivers Age: 38 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3049 State of Registration: NY
Num of Occupants: 1 Drivers Age: 85 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 53 ***

NOV-08-2006 WED 10:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32008768
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2904 State of Registration: NY
Num of Occupants: 1 Drivers Age: 20 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: 1 Drivers Age: 67 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

APR-10-2007 TUE 08:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32174848
Accident Class: INJURY Police Agency:NOT ENTERED Num of Veh: 4
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1092 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 53 *** (Continued)

Veh: 1 CAR/VAN/PICKUP
Num of Occupants: 1
Direction of Travel: WEST
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN
Registered Weight: 4363
Drivers Age: 54
Public Property Damage: NO
UNKNOWN
Sex: FEMALE
State of Registration: NY
Citation Issued: NO
School Bus Involved: NO

Veh: 2 CAR/VAN/PICKUP
Num of Occupants: 1
Direction of Travel: WEST
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN
Registered Weight: 2984
Drivers Age: 48
Public Property Damage: NO
UNKNOWN
Sex: FEMALE
State of Registration: NY
Citation Issued: NO
School Bus Involved: NO

Veh: 3 CAR/VAN/PICKUP
Num of Occupants: 1
Direction of Travel: WEST
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN
Registered Weight: 3776
Drivers Age: 23
Public Property Damage: NO
UNKNOWN
Sex: FEMALE
State of Registration: NY
Citation Issued: NO
School Bus Involved: NO

Veh: 4 CAR/VAN/PICKUP
Num of Occupants: 1
Direction of Travel: WEST
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN
Registered Weight: 3370
Drivers Age: 47
Public Property Damage: NO
UNKNOWN
Sex: MALE
State of Registration: NY
Citation Issued: NO
School Bus Involved: NO

SEP-12-2007 WED 11:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32323282
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP
Num of Occupants: 2
Direction of Travel: EAST
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN
Registered Weight: 3049
Drivers Age: 31
Public Property Damage: NO
UNKNOWN
Sex: FEMALE
State of Registration: NY
Citation Issued: NO
School Bus Involved: NO

Veh: 2 CAR/VAN/PICKUP
Num of Occupants: 2
Direction of Travel: EAST
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN
Registered Weight: UNKNOWN
Drivers Age: 71
Public Property Damage: NO
UNKNOWN
Sex: MALE
State of Registration: FL
Citation Issued: NO
School Bus Involved: NO

NYSDOT Safety Information Management System
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Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 NON-INTERSECTION ACCIDENTS ***

SEP-22-2005 THU 12:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31698522
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2442 State of Registration: NY
Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

JUN-13-2006 TUE 10:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2006-31822666
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: HEAD ON Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 63 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2384 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNSAFE LANE CHANGE

SEP-12-2006 TUE 09:40 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31904163
Accident Class: NON-REPORTABLE Police Agency:PALISADES SP Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

OCT-11-2006 WED 07:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31941473
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2846 State of Registration: NY
Num of Occupants: 1 Drivers Age: 32 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3810 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

NOV-18-2006 SAT 08:55 PM Persons Killed: 1 Persons Injured: 0 Extent of Injuries: K Case: 2006-31989485
Accident Class: FATAL Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH PEDESTRIAN Traffic Control: NONE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: PED/BICYCLIST NOT AT INTERSECTION Action of Ped/Bicycle: CROSSING, NO SIGNAL OR CROSSWALK

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2254 State of Registration: NY
Num of Occupants: 1 Drivers Age: 52 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 PEDESTRIAN Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Pedestrian Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: NOT APPLICABLE Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: NOT APPLICABLE
Apparent Factors: PEDESTRIAN'S ERROR/CONFUSION UNKNOWN

JAN-23-2007 TUE 04:24 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32082908
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2982 State of Registration: NY
Num of Occupants: 2 Drivers Age: 69 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3929 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

MAR-14-2007 WED 04:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32130724
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: SIDESWIPE Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3568 State of Registration: NY

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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 48 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3010 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1093 INTERSECTION ACCIDENTS - OLD RTE 202 ***

FEB-16-2003 SUN 10:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30863047
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2238 State of Registration: NY
Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

AUG-24-2004 TUE 09:03 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31256399
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3109 State of Registration: NY
Num of Occupants: 1 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 INTERSECTION ACCIDENTS - OLD RTE 202 *** (Continued)

Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3705 State of Registration: NY
Num of Occupants: 1 Drivers Age: 73 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

AUG-12-2006 SAT 06:33 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31897033
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3815 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING RIGHT TURN
Apparent Factors: TURNING IMPROPER NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3209 State of Registration: NY
Num of Occupants: 2 Drivers Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

OCT-07-2006 SAT 04:45 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31941487
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: UNKNOWN Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2942 State of Registration: NY
Num of Occupants: 1 Drivers Age: 76 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION GLARE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3272 State of Registration: NY
Num of Occupants: 2 Drivers Age: 47 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1093 INTERSECTION ACCIDENTS - OLD RTE 202 *** (Continued)

Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1095 NON-INTERSECTION ACCIDENTS ***

OCT-04-2006 WED 12:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31937955
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: SIDESWIPE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3230 State of Registration: NY
Num of Occupants: 1 Drivers Age: 40 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: TIRE FAILURE/INADEQUATE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3413 State of Registration: NY
Num of Occupants: 2 Drivers Age: 65 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

*** Ref Mrkr: 202 8501 1096 NON-INTERSECTION ACCIDENTS ***

DEC-12-2007 WED 07:40 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32449722
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2743 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INEXPERIENCE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2834 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1096 NON-INTERSECTION ACCIDENTS *** (Continued)

Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1098 NON-INTERSECTION ACCIDENTS ***

NOV-15-2007 THU 07:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32407770
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3812 State of Registration: NY
Num of Occupants: 2 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1098 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 ***

MAR-09-2006 THU 04:11 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31755313
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3317 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3532 State of Registration: NY
Num of Occupants: 2 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

*** Ref Mrkr: 202 8501 1099 NON-INTERSECTION ACCIDENTS ***

FEB-18-2003 TUE 08:21 AM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: ACC Case: 2003-30857040
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1099 NON-INTERSECTION ACCIDENTS *** (Continued)

Manner of Collision: UNKNOWN Weather: CLOUDY
Road Surface Collision: SNOW/ICE Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2626 State of Registration: NY
Num of Occupants: 2 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: PAVEMENT SLIPPERY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3935 State of Registration: NY
Num of Occupants: 1 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: PAVEMENT SLIPPERY NOT APPLICABLE

APR-15-2003 TUE 06:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30945066
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OVERTAKING Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2982 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2623 State of Registration: NY
Num of Occupants: 2 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OVERTAKING
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

MAY-29-2003 THU 05:22 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-30927329
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5059 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1099 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3025 State of Registration: NY
Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

DEC-22-2004 WED 06:54 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31354526
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:ROCKLAND CO SO Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 3 Drivers Age: 48 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: YES
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3700 State of Registration: NY
Num of Occupants: 1 Drivers Age: 46 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

SEP-11-2007 TUE 09:57 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32323285
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE
Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLOUDY
Road Surface Collision: WET Road Char: CURVE AND GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3773 State of Registration: NY
Num of Occupants: 2 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1099 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3651 State of Registration: NY
Num of Occupants: 1 Drivers Age: 72 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

NOV-13-2007 TUE 07:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32397070
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3483 State of Registration: NY
Num of Occupants: 2 Drivers Age: 56 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4275 State of Registration: NY
Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

NOV-30-2007 FRI 06:23 AM Persons Killed: 0 Persons Injured: 5 Extent of Injuries: ACCCC Case: 2007-32441591
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 9000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: MALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INEXPERIENCE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3075 State of Registration: NY
Num of Occupants: 4 Drivers Age: 27 Sex: FEMALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1103 NON-INTERSECTION ACCIDENTS ***

OCT-06-2007 SAT 09:22 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32355598
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3168 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3095 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

OCT-20-2007 SAT 03:50 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: ABC Case: 2007-32365642
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: 634 State of Registration: NY
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3427 State of Registration: NY
Num of Occupants: 2 Drivers Age: 30 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

OCT-30-2007 TUE 09:10 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32389491
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1103 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3239 State of Registration: NY
Num of Occupants: 1 Drivers Age: 47 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3122 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2272 State of Registration: NY
Num of Occupants: 1 Drivers Age: 26 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

DEC-15-2007 SAT 03:45 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32449784
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2394 State of Registration: NY
Num of Occupants: 1 Drivers Age: 32 Sex: FEMALE Citation Issued: YES
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNSAFE SPEED UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE UNKNOWN

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS ***

JAN-30-2003 THU 05:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2003-30846088

NYSDOT Safety Information Management System
Accident Verbal Description Report
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4036 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2725 State of Registration: NY
Num of Occupants: 1 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

NOV-01-2003 SAT 09:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2003-31066918
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3685 State of Registration: NY
Num of Occupants: 2 Drivers Age: 35 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ALCOHOL INVOLVEMENT DRIVER INEXPERIENCE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2440 State of Registration: NY
Num of Occupants: 2 Drivers Age: 17 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NYSDOT Safety Information Management System
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Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

NOV-13-2003 THU 08:10 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31056211
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2497 State of Registration: NY
Num of Occupants: 1 Drivers Age: 35 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: OTHER
Apparent Factors: DRIVER INATTENTION UNKNOWN

Veh: 2 TRUCK Registered Weight: 71875 State of Registration: NY
Num of Occupants: 1 Drivers Age: 38 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN
Truck/Bus Clsf: NOT ENTERED

NOV-26-2003 WED 04:55 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2003-30816917
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3025 State of Registration: NY
Num of Occupants: 3 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3011 State of Registration: NY
Num of Occupants: 3 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

JAN-16-2004 FRI 11:10 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31125525
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLEAR

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4627 State of Registration: NY
Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3550 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: BRAKES DEFECTIVE UNKNOWN

AUG-24-2004 TUE 05:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31256398
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2414 State of Registration: NY
Num of Occupants: 1 Drivers Age: 24 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2949 State of Registration: NY
Num of Occupants: 3 Drivers Age: 61 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

NOV-28-2004 SUN 05:10 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31313408
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH DEER Traffic Control: NONE
Manner of Collision: OTHER Weather: CLOUDY
Road Surface Collision: WET Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: PA
Num of Occupants: 2 Drivers Age: 34 Sex: FEMALE Citation Issued: NO

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: ANIMAL'S ACTION UNKNOWN

JAN-24-2005 MON 07:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31400061
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 4
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: SNOW
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3108 State of Registration: NY
Num of Occupants: 2 Drivers Age: 19 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3020 State of Registration: NY
Num of Occupants: 1 Drivers Age: 67 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ
Num of Occupants: 1 Drivers Age: 50 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 4 CAR/VAN/PICKUP Registered Weight: 2374 State of Registration: NY
Num of Occupants: 2 Drivers Age: 45 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

JUN-04-2005 SAT 03:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31515887
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3195 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3326 State of Registration: NY
Num of Occupants: 1 Drivers Age: 23 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

AUG-02-2005 TUE 06:45 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31530496
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: FL
Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: VIEW OBSTRUCTED/LIMITED UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2849 State of Registration: NY
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

APR-22-2006 SAT 04:00 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2006-31794834
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5005 State of Registration: NY
Num of Occupants: 2 Drivers Age: 31 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 NON-INTERSECTION ACCIDENTS *** (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4230 State of Registration: NY
Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO
Direction of Travel: SOUTH-EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION UNKNOWN

OCT-10-2007 WED 03:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32355275
Accident Class: PROPERTY DAMAGE Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: CLOUDY
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3027 State of Registration: NY
Num of Occupants: 1 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4365 State of Registration: NY
Num of Occupants: 1 Drivers Age: 58 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

DEC-08-2007 SAT 01:55 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32442077
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:CLARKSTOWN TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: RIGHT ANGLE Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3347 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: MALE Citation Issued: NO
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: MERGING
Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 1 Drivers Age: 76 Sex: FEMALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: LOST CONSCIOUSNESS UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD ***

SEP-03-2003 WED 03:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2003-31023057
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 5000 State of Registration: NY
Num of Occupants: 1 Drivers Age: 42 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: MI
Num of Occupants: 2 Drivers Age: 22 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

JAN-19-2004 MON 05:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31122693
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN
Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4105 State of Registration: NY
Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

OCT-07-2004 THU 06:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31288902
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE
Manner of Collision: REAR END Weather: CLEAR

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD *** (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3217 State of Registration: NY
Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY
Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: YES
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION UNKNOWN

JAN-12-2006 THU 03:50 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31735736
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3805 State of Registration: NY
Num of Occupants: 2 Drivers Age: 27 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3278 State of Registration: NY
Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 4010 State of Registration: NY
Num of Occupants: 3 Drivers Age: 44 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STARTING IN TRAFFIC
Apparent Factors: UNKNOWN UNKNOWN

JUN-01-2006 THU 02:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31851161
Accident Class: PROPERTY DAMAGE Police Agency:NOT ENTERED Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD *** (Continued)

Manner of Collision: UNKNOWN Weather: UNKNOWN
Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: VA
Num of Occupants: 1 Drivers Age: 75 Sex: FEMALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: 1 Drivers Age: 29 Sex: MALE Citation Issued: NO
Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: UNKNOWN
Apparent Factors: UNKNOWN UNKNOWN

JUL-21-2006 FRI 09:52 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31880626
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3823 State of Registration: NY
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2418 State of Registration: NY
Num of Occupants: 1 Drivers Age: 21 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION PAVEMENT SLIPPERY

SEP-16-2006 SAT 12:15 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AC Case: 2006-31921571
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 1
Type of Accident: COLLISION WITH PEDESTRIAN Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: RAIN
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: PED/BICYCLIST AT INTERSECTION Action of Ped/Bicycle: CROSSING AGAINST SIGNAL

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2694 State of Registration: NY

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD *** (Continued)

Num of Occupants: 2 Drivers Age: 20 Sex: MALE Citation Issued: NO
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 PEDESTRIAN Registered Weight: UNKNOWN State of Registration: UNKNOWN
Num of Occupants: N/A Pedestrian Age: 50 Sex: MALE Citation Issued: NO
Direction of Travel: NOT APPLICABLE Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: NOT APPLICABLE
Apparent Factors: UNKNOWN UNKNOWN

OCT-04-2006 WED 08:50 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31940466
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: OTHER Weather: CLEAR
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 6700 State of Registration: NY
Num of Occupants: 2 Drivers Age: 36 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NC
Num of Occupants: 1 Drivers Age: 28 Sex: MALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2388 State of Registration: NY
Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: NO
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

DEC-25-2006 MON 09:10 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-32064393
Accident Class: INJURY Police Agency:HAVERSTRAW TOWN PD Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL
Manner of Collision: REAR END Weather: RAIN
Road Surface Collision: WET Road Char: CURVE AND GRADE Light Condition: DARK-ROAD LIGHTED
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System
Accident Verbal Description Report
Intersection & Non-Intersection Accidents
Complete Accident Data From NYSDMV Is Only Available thru 31-DEC-2007

Route: 202 Highway Location Ref Mrkr Range: 202 85011053 - 202 85011104 Dates: 01-JAN-2003 - 31-DEC-2007

*** Ref Mrkr: 202 8501 1104 INTERSECTION ACCIDENTS - BALSOM RD *** (Continued)

Veh: 1 CAR/VAN/PICKUP — Registered Weight: 3358 — State of Registration: NY
Num of Occupants: 2 — Drivers Age: 62 — Sex: MALE — Citation Issued: NO
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NOT APPLICABLE — UNKNOWN

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 3565 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 27 — Sex: MALE — Citation Issued: YES
Direction of Travel: EAST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING
Apparent Factors: PAVEMENT SLIPPERY — UNKNOWN

AUG-21-2007 TUE 12:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC — Case: 2007-32298441
Accident Class: PROPERTY DAMAGE AND INJURY — Police Agency:HAVERSTRAW TOWN PD — Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE — Traffic Control: NONE
Manner of Collision: UNKNOWN — Weather: RAIN
Road Surface Collision: WET — Road Char: STRAIGHT AND LEVEL — Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE — Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP — Registered Weight: UNKNOWN — State of Registration: ME
Num of Occupants: 1 — Drivers Age: 48 — Sex: MALE — Citation Issued: NO
Direction of Travel: SOUTH — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION — NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP — Registered Weight: 5101 — State of Registration: NY
Num of Occupants: 1 — Drivers Age: 57 — Sex: MALE — Citation Issued: NO
Direction of Travel: WEST — Public Property Damage: NO — School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NOT APPLICABLE — NOT APPLICABLE

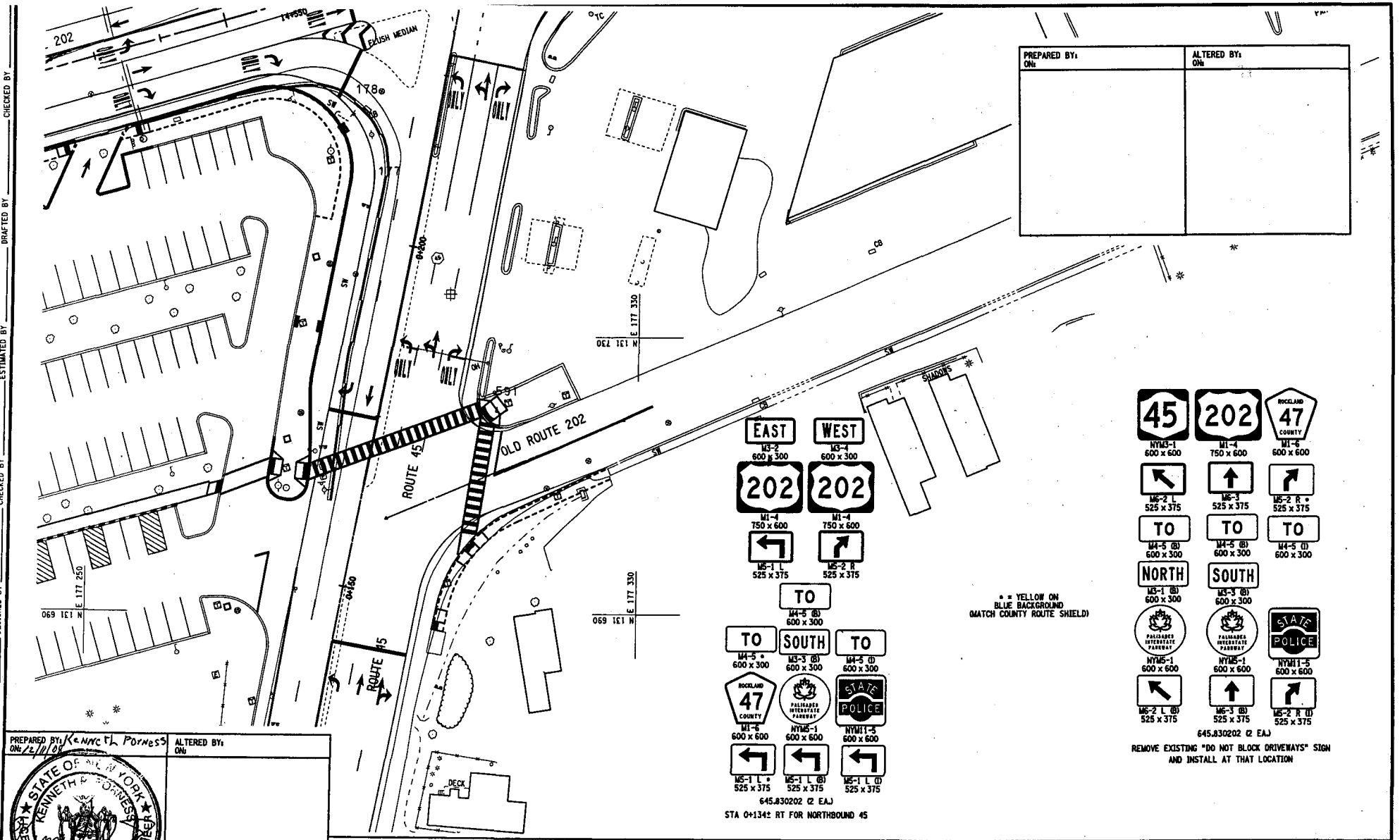
TOTAL NUMBER OF ACCIDENTS PRINTED:

ABSENCE OF REFERENCE MARKERS OR INTERSECTION WITHIN A SPECIFIED ROADWAY SECTION & TIME PERIOD INDICATES NO ACCIDENTS FOUND

*** END OF REPORT ***

Appendix F

NYSDOT Improvement Plans



PREPARED BY: ON:	ALTERED BY: ON:

PREPARED BY: Kenneth L Porness ON: 12/10/08	ALTERED BY: ON:

STATE OF NEW YORK
KENNETH L PORNESS
066931
LICENSED PROFESSIONAL ENGINEER

Signs Only

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

DOCUMENT NAME: 809357_oph_sgd_de12.dgn

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-08

BRIDGES
1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING PLAN DETAIL

CONTRACT NUMBER
D261052

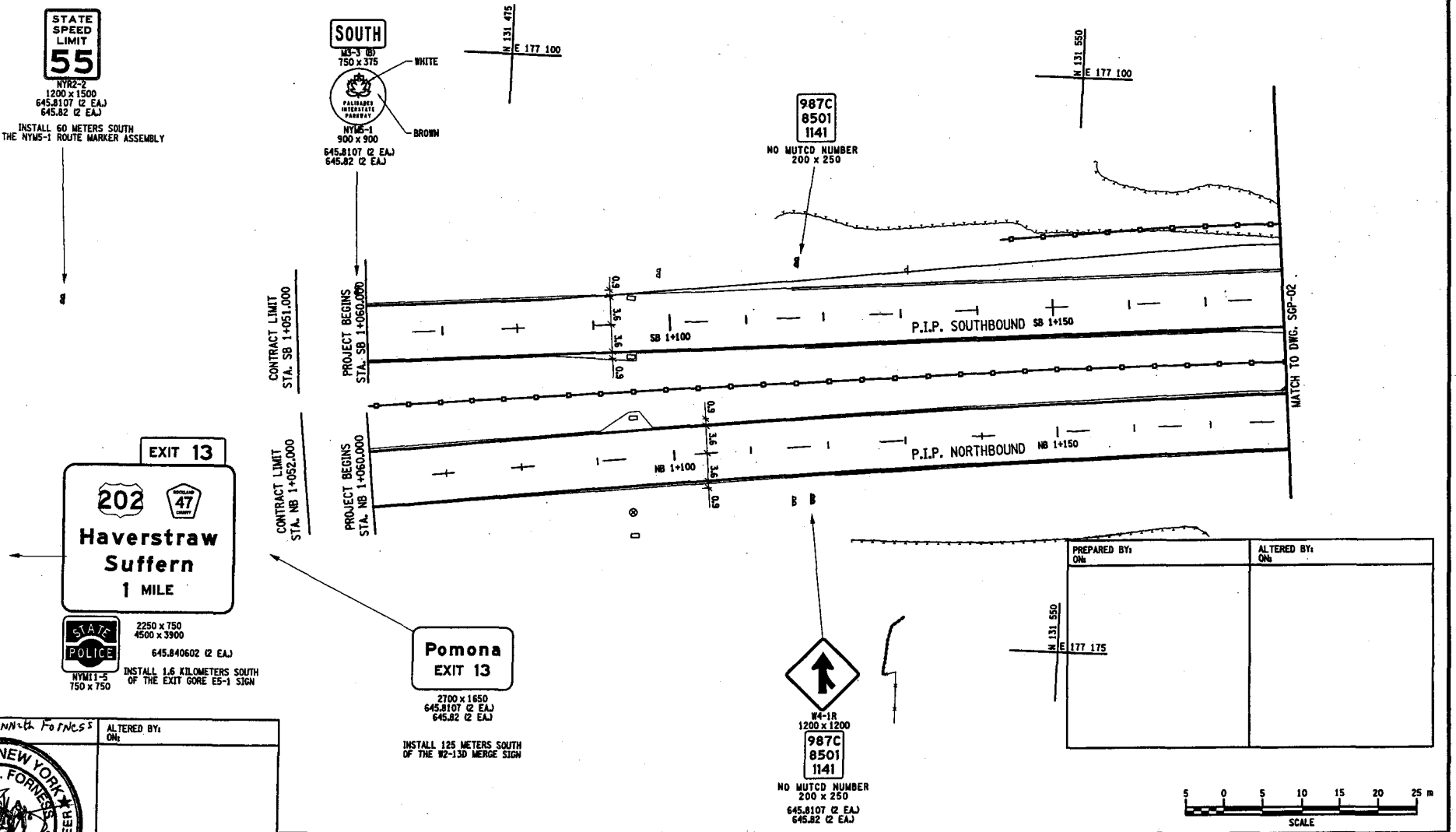
DRAWING NO. SDT-02
SHEET NO. 117

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS HE OR SHE IS A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION SPECIFIC DESCRIPTION OF THE ALTERATION, AND A DATE FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A

DESIGNED BY ____ CHECKED BY ____
ESTIMATED BY ____ DRAFTED BY ____ CHECKED BY ____
JOB MANAGER ____
DESIGN SUPERVISOR ____

DATE/TIME = 18-DEC-2008 08:39
USER = hholmquist



PREPARED BY: Kenneth Fornes
ON: 12/11/08

ALTERED BY:
ON:

STATE OF NEW YORK
KENNETH P. FORNESS
LICENSED PROFESSIONAL ENGINEER
066931

Signs Only

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019	PIN 809357	BRIDGES 1040129	CULVERTS	ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED	CONTRACT NUMBER
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202	PS&E DATE 12-2008			SIGNING AND PAVEMENT MARKING PLANS	D261052
BRIDGE REPLACEMENT PROJECT					DRAWING NO. SGP-01
TOWN OF HAVERSTRAW					SHEET NO. 118
COUNTY: ROCKLAND					

DOCUMENT NAME: 809357_oph_sgp_01.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGNED BY ____ CHECKED BY ____ DRAFTED BY ____ CHECKED BY ____ ESTIMATED BY ____ JOB MANAGER ____

GRID NORTH

MATCH TO DWG. SGP-03

MATCH TO DWG. SGP-01

MATCH TO DWG. SGP-06

SB 1+250

NB 1+250

SB 1+200

NB 1+200

NA 0+000

NA 0+020

NA 0+040

NA 0+060

NA 0+080

NA

N 131 680 E 177 190

N 131 530 E 177 190

N 131 525 E 177 125

SCALE 5 0 5 10 15 20 25 m

PREPARED BY: ON:

ALTERED BY: ON:

PIN 809357

PS&E DATE 12-2008

BRIDGES 1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING AND PAVEMENT MARKING PLANS

CONTRACT NUMBER D261052

DRAWING NO. SGP-02
SHEET NO. 119

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

S.H. 53-1, S.H. 149, S.H. 1660 & S.H. 1019
ROUTE 9W/C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

DOCUMENT NAME: 809357_sph_sgp_02.dgn

PREPARED BY: Kenneth Forness ON: 12/11/08

ALTERED BY: ON:

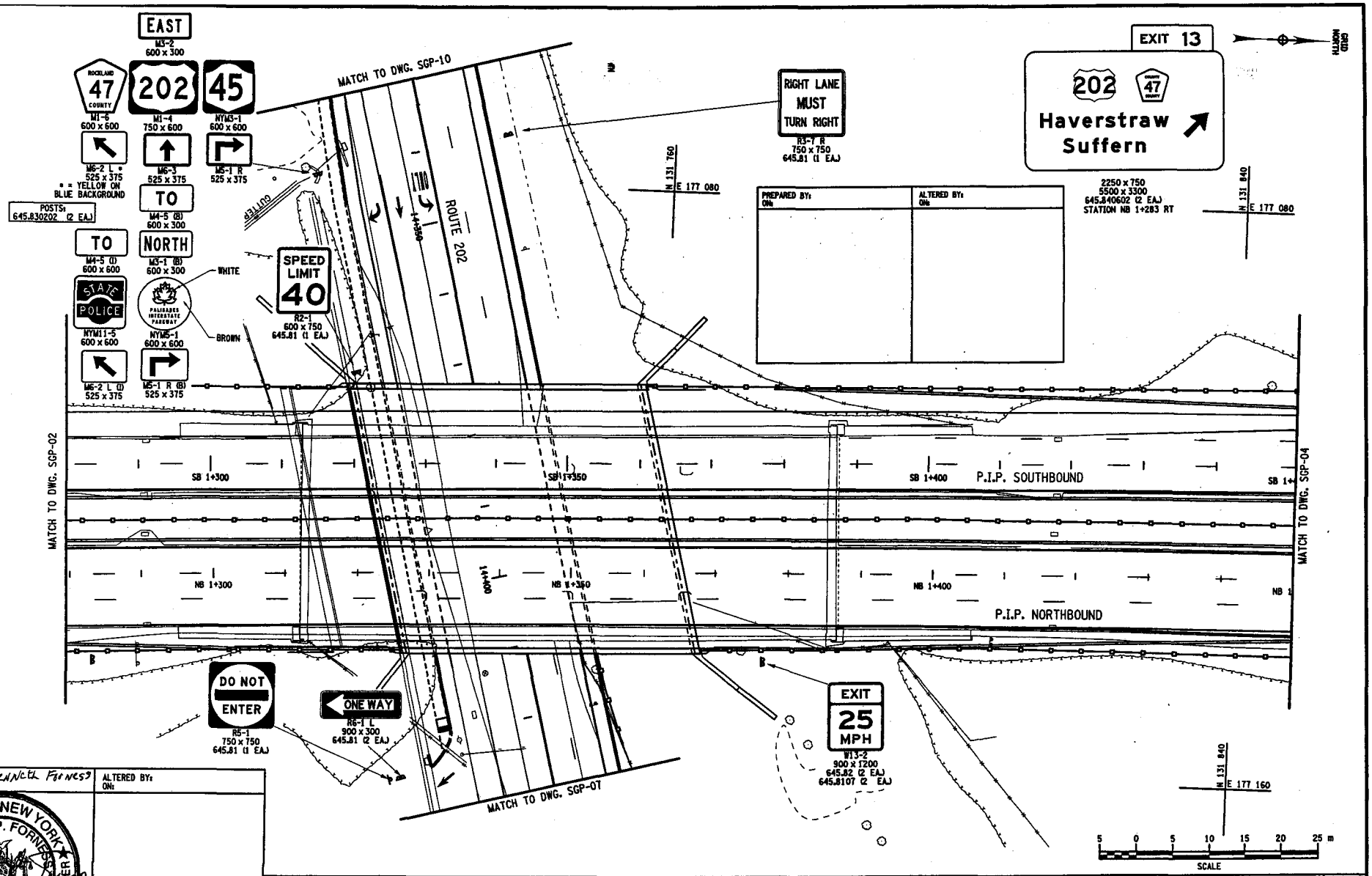
STATE OF NEW YORK ★ KENNETH P. FORNESS ★ LICENSED PROFESSIONAL ENGINEER 069931

Signs

DESIGN SUPERVISOR JOB MANAGER DESIGNED BY CHECKED BY ESTIMATED BY DRAFTED BY CHECKED BY

DATE/TIME = 18-DEC-2008 08:41
USER = hholmquist

ARCHITECT, LANDSCAPE ARCHITECT, ENGINEER, PROFESSIONAL ENGINEER, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



PREPARED BY: Kenneth Forness
ON: 12/16/08

ALTERED BY:
ON:

STATE OF NEW YORK
KENNETH P. FORNESS
066931
LICENSED PROFESSIONAL ENGINEER

Signs Only

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE

DATE

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-2008

BRIDGES
1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING AND PAVEMENT MARKING PLANS

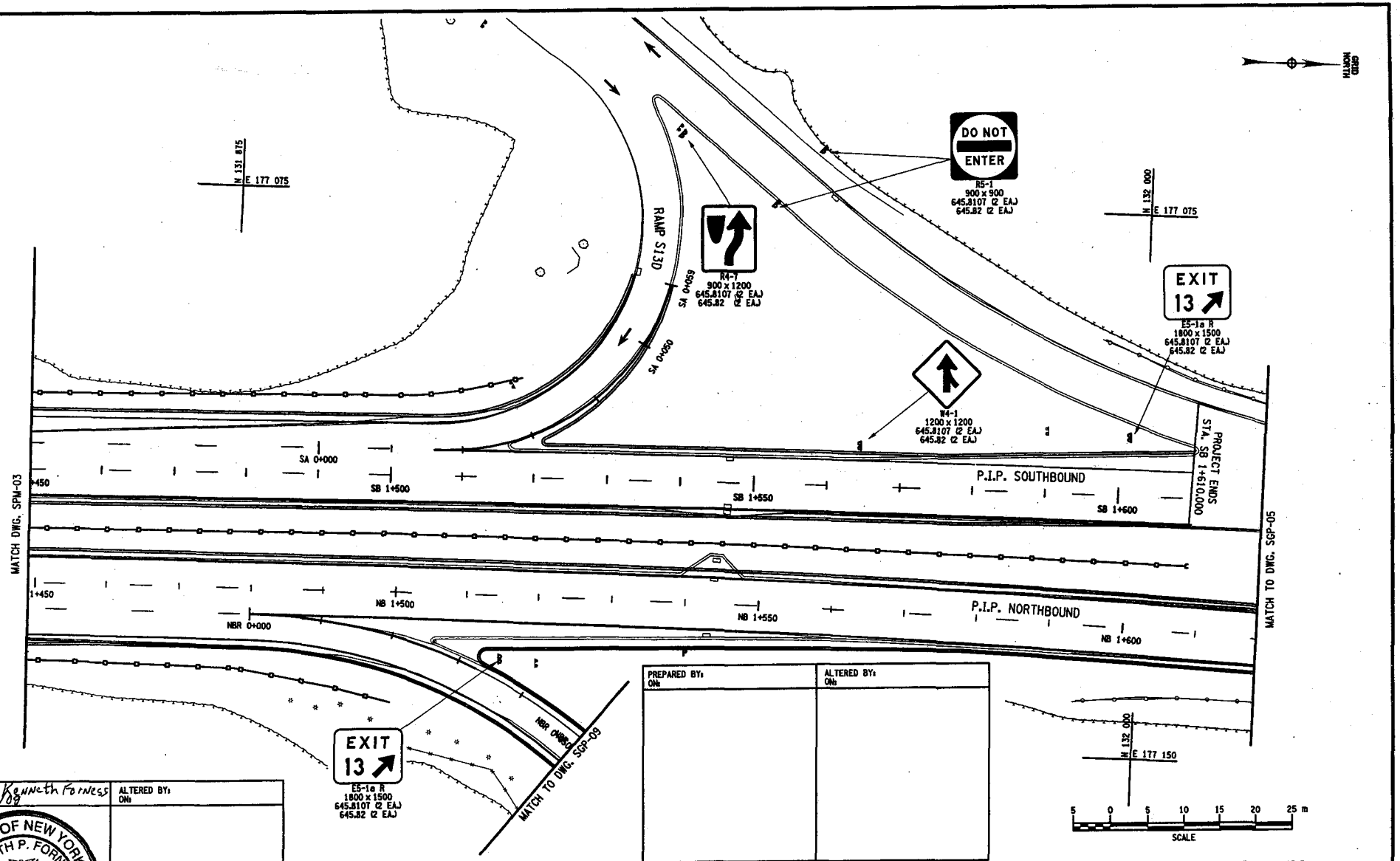
CONTRACT NUMBER
D261052

DRAWING NO. SGP-03
SHEET NO. 120

DOCUMENT NAME: 809357_oph_sgp_03.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGN SUPERVISOR
JOB MANAGER
DESIGNED BY
CHECKED BY
ESTIMATED BY
CHECKED BY
DRAFTED BY
CHECKED BY



PREPARED BY: ON:	ALTERED BY: ON:

SEE STANDARD PAVEMENT MARKING SHEETS M685-1 TO M685-5

PREPARED BY: Kenneth Forness ON: 12/11/08	ALTERED BY: ON:

STATE OF NEW YORK · KENNETH P. FORNESS · 066931 · LICENSED PROFESSIONAL ENGINEER

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AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

DOCUMENT NAME: 809357_oph_sgp_04.dgn

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-2008

BRIDGES 1040129

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CONTRACT NUMBER D261052

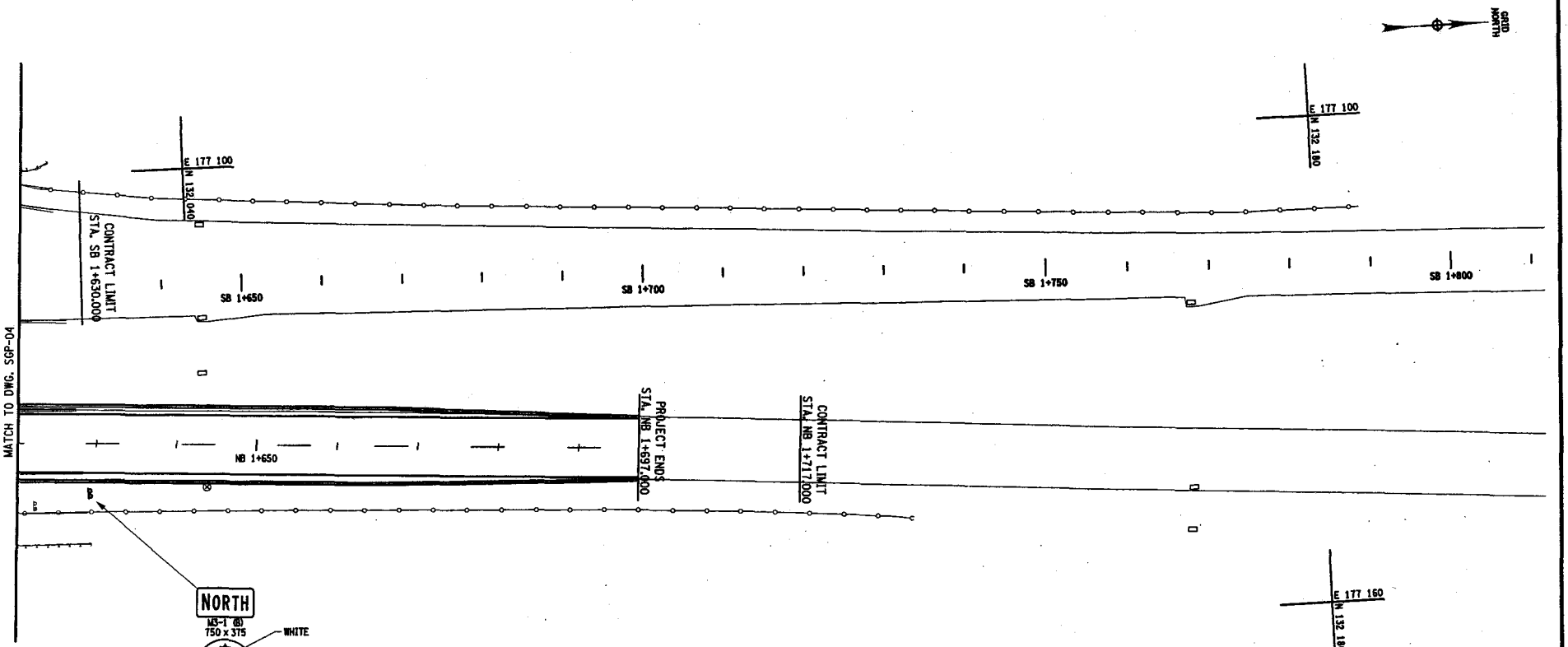
DRAWING NO. SGP-04
SHEET NO. 121

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGN SUPERVISOR _____ JOB MANAGER _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

FILE NAME = 809357_oph_sgp_04.dgn
DATE/TIME = 19-DEC-2008 08:43
USER = hholmquest

DIRECTION TO: A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, OR A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL, AFFIX THE DOCUMENT AND ALTERATION TO BE ALTERED, THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



PREPARED BY: ON:	ALTERED BY: ON:

PREPARED BY: Kenneth Forness ON: 12/4/08	ALTERED BY: ON:

STATE OF NEW YORK
KENNETH P. FORNESS
066931
LICENSED PROFESSIONAL ENGINEER

Signs Only

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PSAE DATE 12-2008

BRIDGES 1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING AND PAVEMENT MARKING PLANS

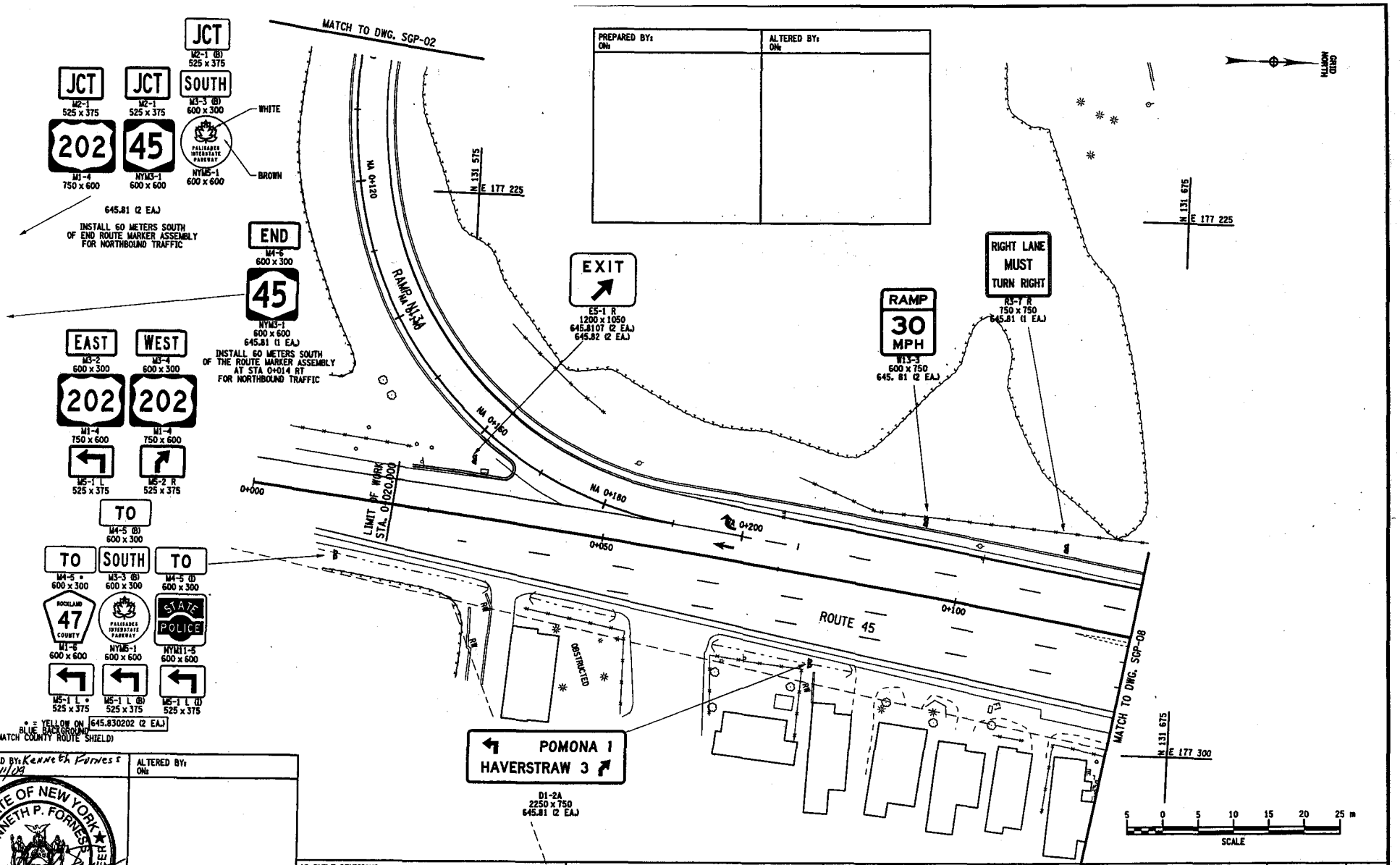
CONTRACT NUMBER D261052

DRAWING NO. SGP-05
SHEET NO. 122

DOCUMENT NAME: 809357_oph_sgp_05.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGNED BY ____ CHECKED BY ____
DRAFTED BY ____ CHECKED BY ____
JOB MANAGER ____
DESIGN SUPERVISOR ____



PREPARED BY: Kenneth Forness
ONe 12/11/09

ALTERED BY:
ONe

STATE OF NEW YORK
KENNETH P. FORNESS
068931
LICENSED PROFESSIONAL ENGINEER

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AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-2008

BRIDGES
1040129

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SIGNING AND PAVEMENT MARKING PLANS

CONTRACT NUMBER
D261052

DRAWING NO. SGP-06
SHEET NO. 123

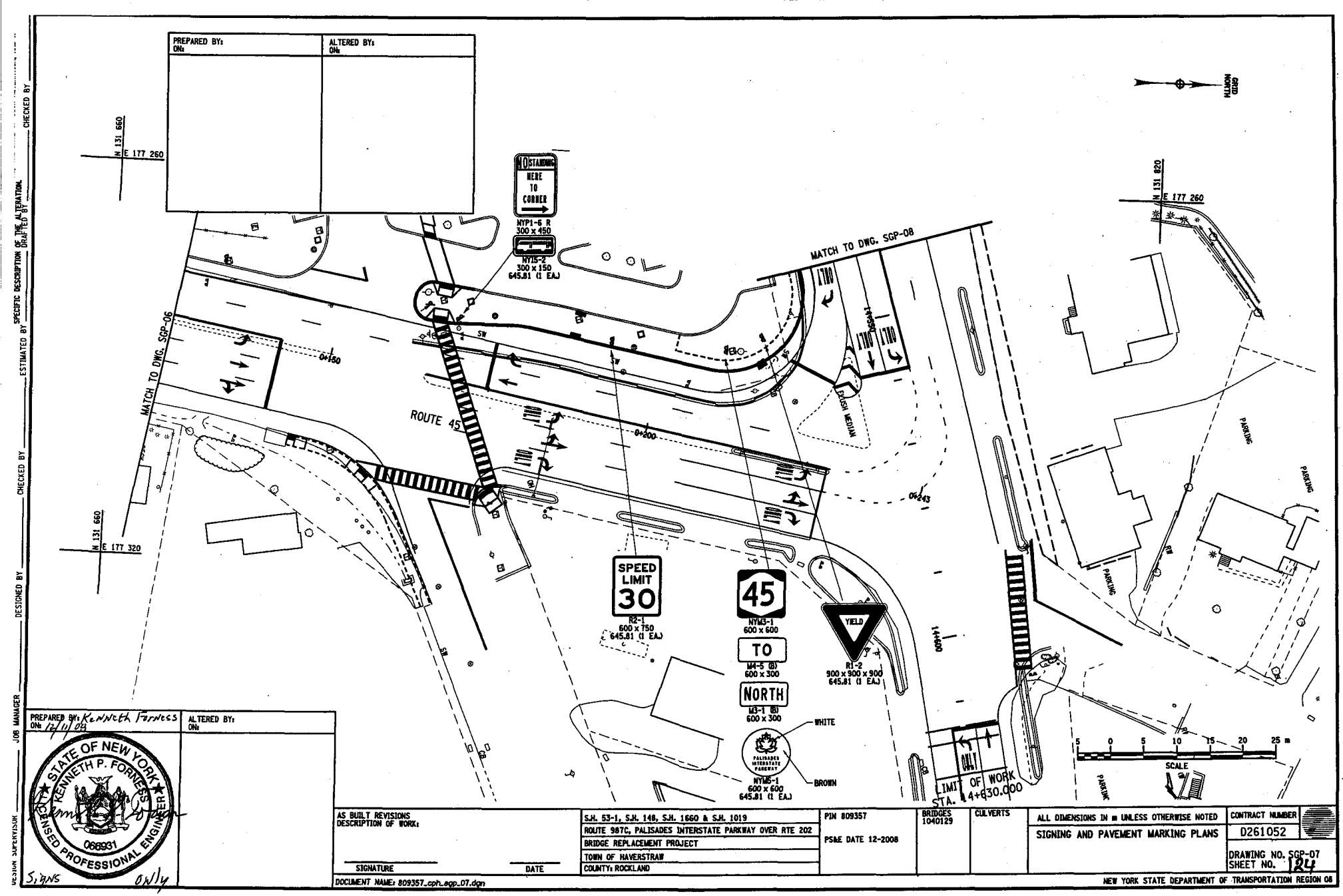
DOCUMENT NAME: 809357_oph_sgp_06.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN A WAY THAT AFFECTS THE WORK OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DESIGNED BY _____ CHECKED BY _____
DRAFTED BY _____ CHECKED BY _____
ESTIMATED BY _____
JOB MANAGER _____
DESIGN SUPERVISOR _____

DATE/TIME = 08-DEC-2008 08:45
USER = hholmquist



PREPARED BY: Kenneth Fornes
ON: 12/11/08

ALTERED BY:
ON:

STATE OF NEW YORK
KENNETH P. FORNES
066931
LICENSED PROFESSIONAL ENGINEER

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AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-2008

BRIDGES
1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING AND PAVEMENT MARKING PLANS

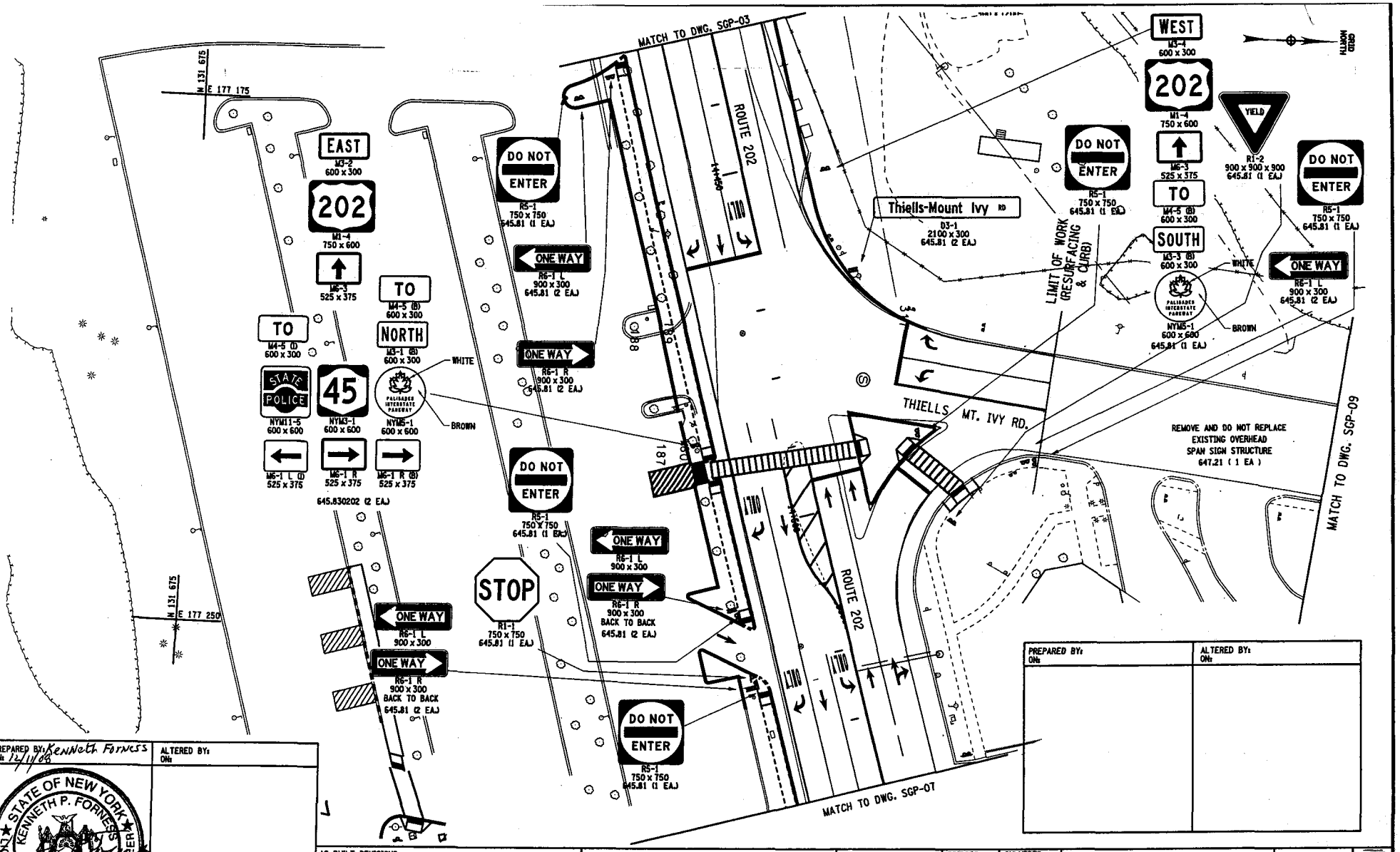
CONTRACT NUMBER
D261052

DRAWING NO. SGP-07
SHEET NO. 124

DOCUMENT NAME: 809357_cph_sgp_07.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGN SUPERVISOR ____ JOB MANAGER ____ DESIGNED BY ____ CHECKED BY ____ ESTIMATED BY ____ CHECKED BY ____ DRAFTED BY ____ SPECIFIC DESCRIPTION OF THE ALTERATION. ____ CHECKED BY ____



DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER IN ANY WAY ANY DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

DESIGNED BY _____ CHECKED BY _____

JOB MANAGER _____

DESIGN SUPERVISOR _____

DATE/TIME = 16-DEC-2008 08:46
USER = hholmquist

PREPARED BY: Kenneth Forness ON: 12/11/08	ALTERED BY: ON:

STATE OF NEW YORK
KENNETH P. FORNESS
066931
LICENSED PROFESSIONAL ENGINEER

Signs Only

PREPARED BY: ON:	ALTERED BY: ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-2008

BRIDGES 1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

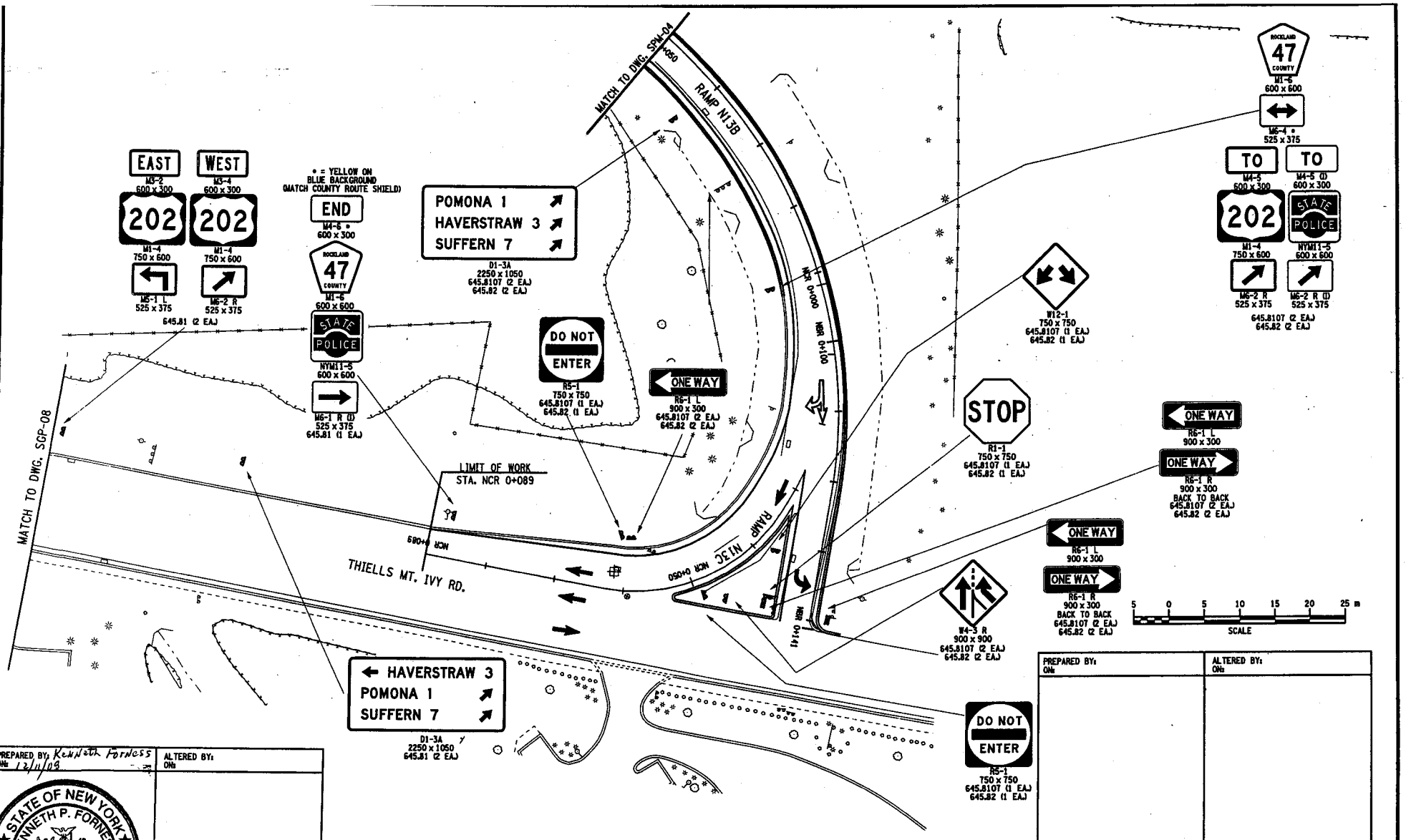
SIGNING AND PAVEMENT MARKINNG PLANS

CONTRACT NUMBER D261052

DRAWING NO. SGP-08
SHEET NO. 125

DOCUMENT NAME: 809357_oph_sgp_08.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08



PREPARED BY: ONs	ALTERED BY: ONs

PREPARED BY: Kenneth Forness ONs 12/11/08	ALTERED BY: ONs

STATE OF NEW YORK ★ KENNETH P. FORNESS ★ 066931 ★ LICENSED PROFESSIONAL ENGINEER

Signs ONly

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

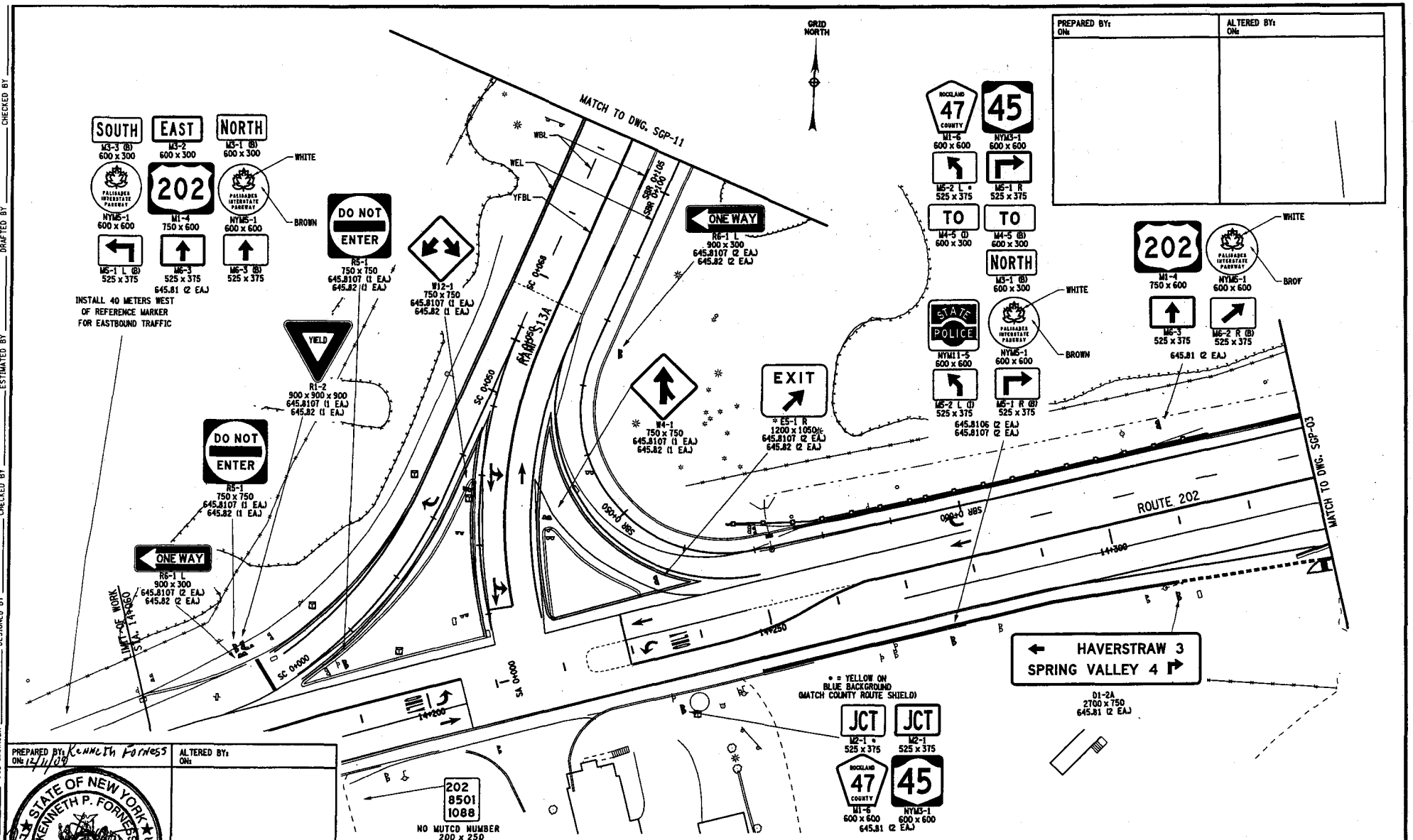
S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019	PIN 809357	BRIDGES 1040129	CULVERTS	ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261052
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202	PS&E DATE 12-2008			SIGNING AND PAVEMENT MARKING PLANS	
BRIDGE REPLACEMENT PROJECT					DRAWING NO. SGP-09
TOWN OF HAVERSTRAW					SHEET NO. 126
COUNTY: ROCKLAND					

DOCUMENT NAME: 809357_oph_sgp_09.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGNED BY ____ CHECKED BY ____ DRAFTED BY ____ CHECKED BY ____ JOB MANAGER ____

SPECIFIC DESCRIPTION OF THE ALTERATION(S) ESTABLISHED BY



PREPARED BY: ON:	ALTERED BY: ON:

PREPARED BY: ON: 12/11/09 Kenneth Forness	ALTERED BY: ON:

STATE OF NEW YORK
KENNETH P. FORNESS
LICENSED PROFESSIONAL ENGINEER
066931

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AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-2008

BRIDGES 1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING AND PAVEMENT MARKING PLANS

CONTRACT NUMBER D261052

DRAWING NO. SGP-10
SHEET NO. 127

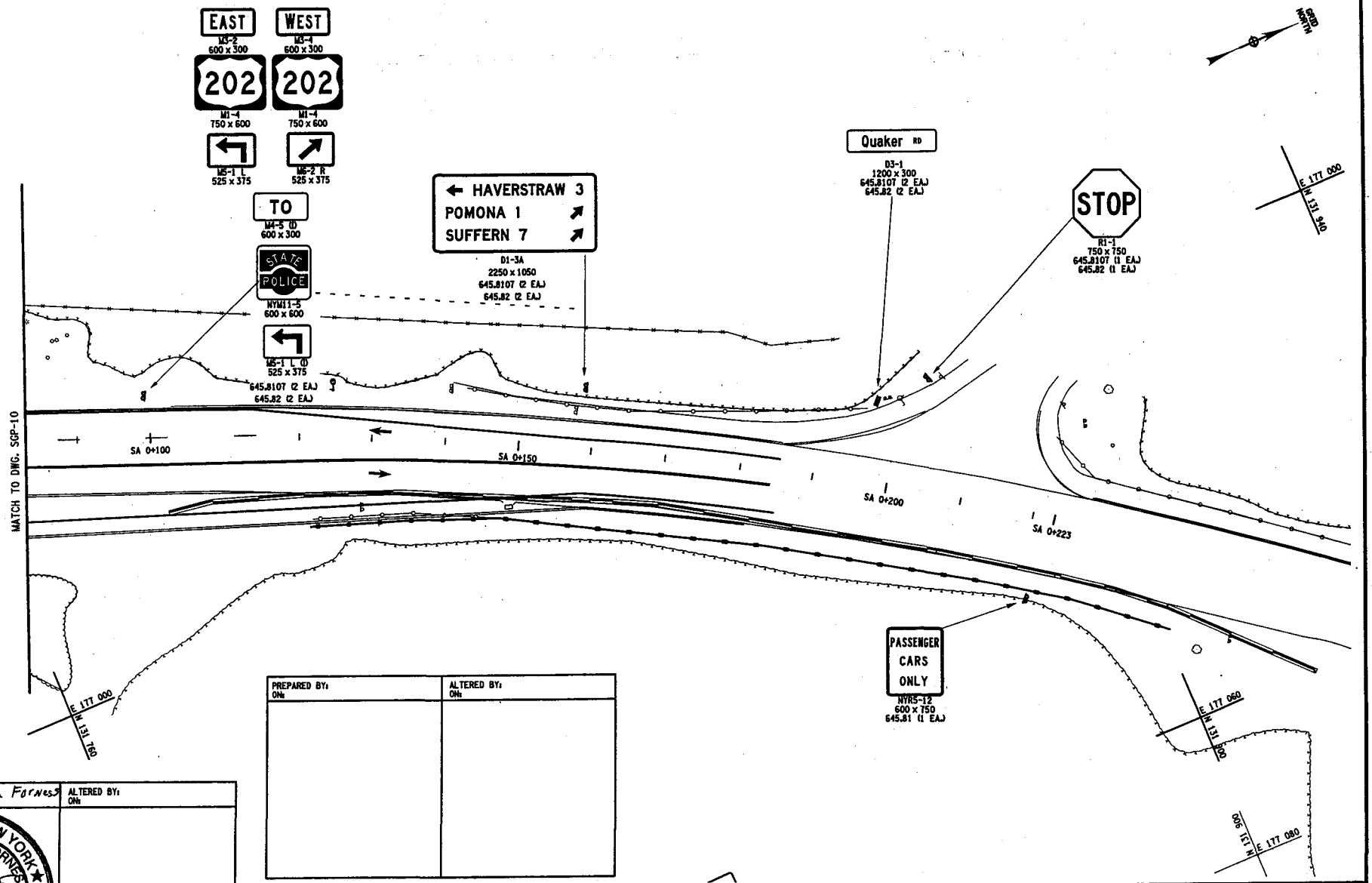
DOCUMENT NAME: 809357_oph_sgp_10.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGN SUPERVISOR _____ JOB MANAGER _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ CHECKED BY _____ DRAFTED BY _____

FILE NAME = 809357_oph_sgp_10.dgn
DATE/TIME = 18-DEC-2008 09:51
USER = hholmquest

DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LANDSCAPE ARCHITECT, OR LAND SURVEYOR BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



PREPARED BY: ON:	ALTERED BY: ON:

PREPARED BY: Kenneth Forness ON: 12/11/08	ALTERED BY: ON:

STATE OF NEW YORK
KENNETH P. FORNESS
LICENSED PROFESSIONAL ENGINEER
066931

Signs Only

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 9BTC, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-2008

BRIDGES 1040129

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SIGNING AND PAVEMENT MARKING PLANS

CONTRACT NUMBER D261052

DRAWING NO. SGP-11
SHEET NO. 128

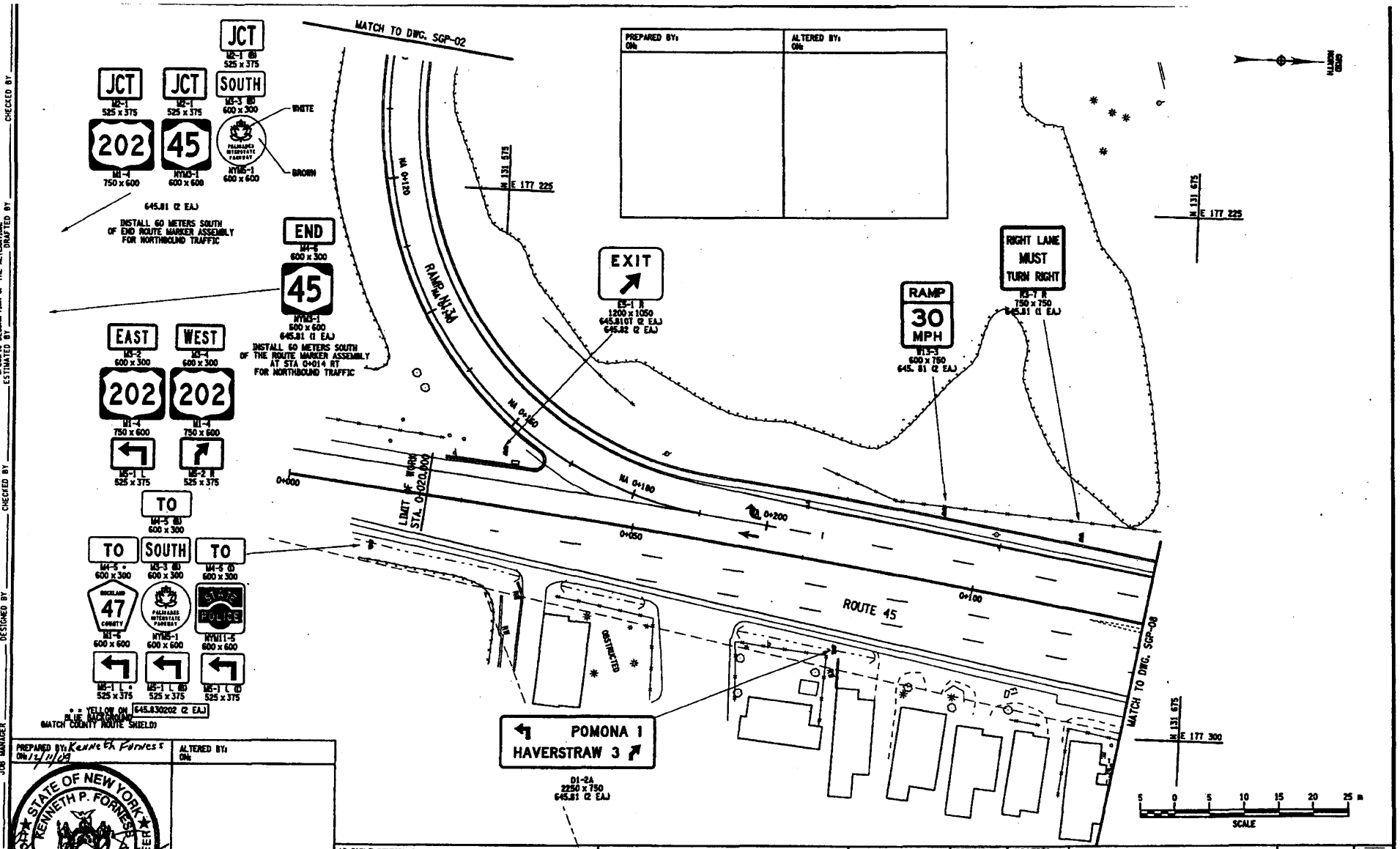
DOCUMENT NAME: 809357_oph_sgp_11.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGN SUPERVISOR ___ JOB MANAGER ___ DESIGNED BY ___ CHECKED BY ___ ESTIMATED BY ___ CHECKED BY ___ DRAFTED BY ___ CHECKED BY ___

NYSDOT CONTRACT PLANS

FOR 202 @ PIP



PREPARED BY: ONe	ALTERED BY: ONe

PREPARED BY: Kenneth Fornes ONe 1/11/05	ALTERED BY: ONe

STATE OF NEW YORK
KENNETH P. FORNES
LICENSED PROFESSIONAL ENGINEER
066931
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DESCRIPTION OF WORK:

SIGNATURE DATE

DOCUMENT NAME: 809357_sgn_sgp_06.dgn

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987G, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-2008

BRIDGES 1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING AND PAVEMENT MARKING PLANS

CONTRACT NUMBER D261052

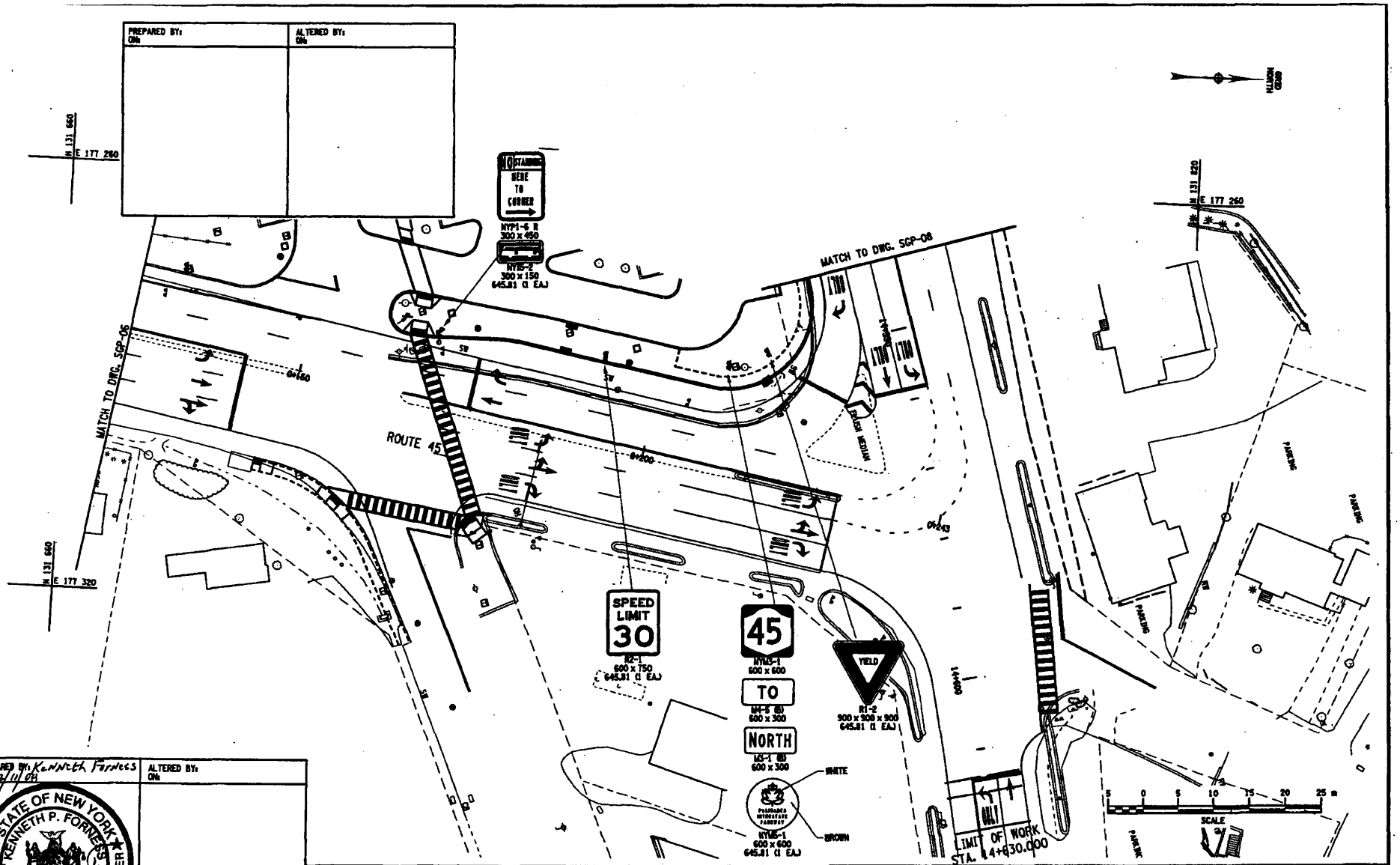
DRAWING NO. SGP-06
SHEET NO. 83

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGN SUPERVISOR ____ JOB MANAGER ____ DESIGNED BY ____ CHECKED BY ____ ESTIMATED BY ____ DRAFTED BY ____ CHECKED BY ____

DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM. A LICENSED PROFESSIONAL IS ALTERED, THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

FILE NAME = sv2201-001_sgn_sgp_06.dgn
DATE/TIME = 18-DEC-2008 06:45
USER = bholjaquez



PREPARED BY: Kenneth Forness
ON: 12/11/08

ALTERED BY:
ON:

STATE OF NEW YORK
KENNETH P. FORNESS
068931
LICENSED PROFESSIONAL ENGINEER

Signs Only

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 9W/Tc, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357

PS&E DATE 12-2008

BRIDGES
1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING AND PAVEMENT MARKING PLANS

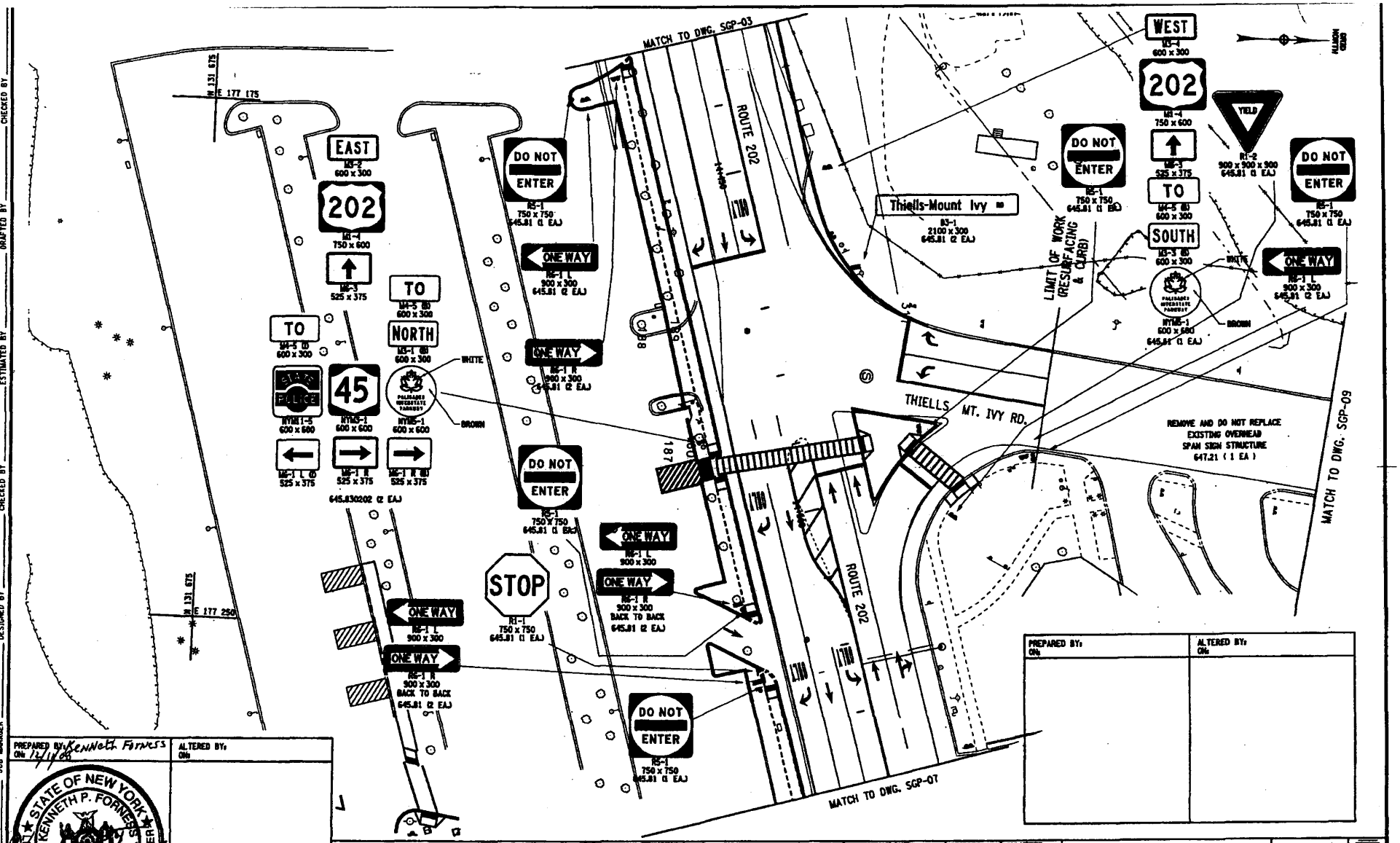
CONTRACT NUMBER
D261052

DRAWING NO. SGP-07
SHEET NO. 124

DOCUMENT NAME: 809357_sgp_07.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGN SUPERVISOR ____ JOB MANAGER ____ DESIGNED BY ____ CHECKED BY ____ ESTIMATED BY ____ CHECKED BY ____ DRAFTED BY ____ SPECIFIC DESCRIPTION OF THE ALTERATION



DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN A SIGNED AND SEALED DOCUMENT PREPARED BY ANOTHER ARCHITECT, ENGINEER OR LAND SURVEYOR, THE ORIGINAL ITEM SHALL BE "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

"I, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, AM AUTHORIZED TO ALTER AN ITEM IN A SIGNED AND SEALED DOCUMENT PREPARED BY ANOTHER ARCHITECT, LANDSCAPE ARCHITECT, ENGINEER OR LAND SURVEYOR. I HAVE ALTERED THIS DOCUMENT."

DESIGNED BY _____ CHECKED BY _____

DESIGN SUPERVISOR _____ JOB MANAGER _____ ESTIMATED BY _____ CHECKED BY _____

DATE/TIME = 19-DEC-2008 08:46
User = hhodapp

PREPARED BY: Kenneth Forness ON: 12/19/08	ALTERED BY: ON:

STATE OF NEW YORK
KENNETH P. FORNESS
LICENSED PROFESSIONAL ENGINEER
088931

Signs Only

PREPARED BY: ON:	ALTERED BY: ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 9B7C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PSAE DATE 12-2008

BRIDGES 1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

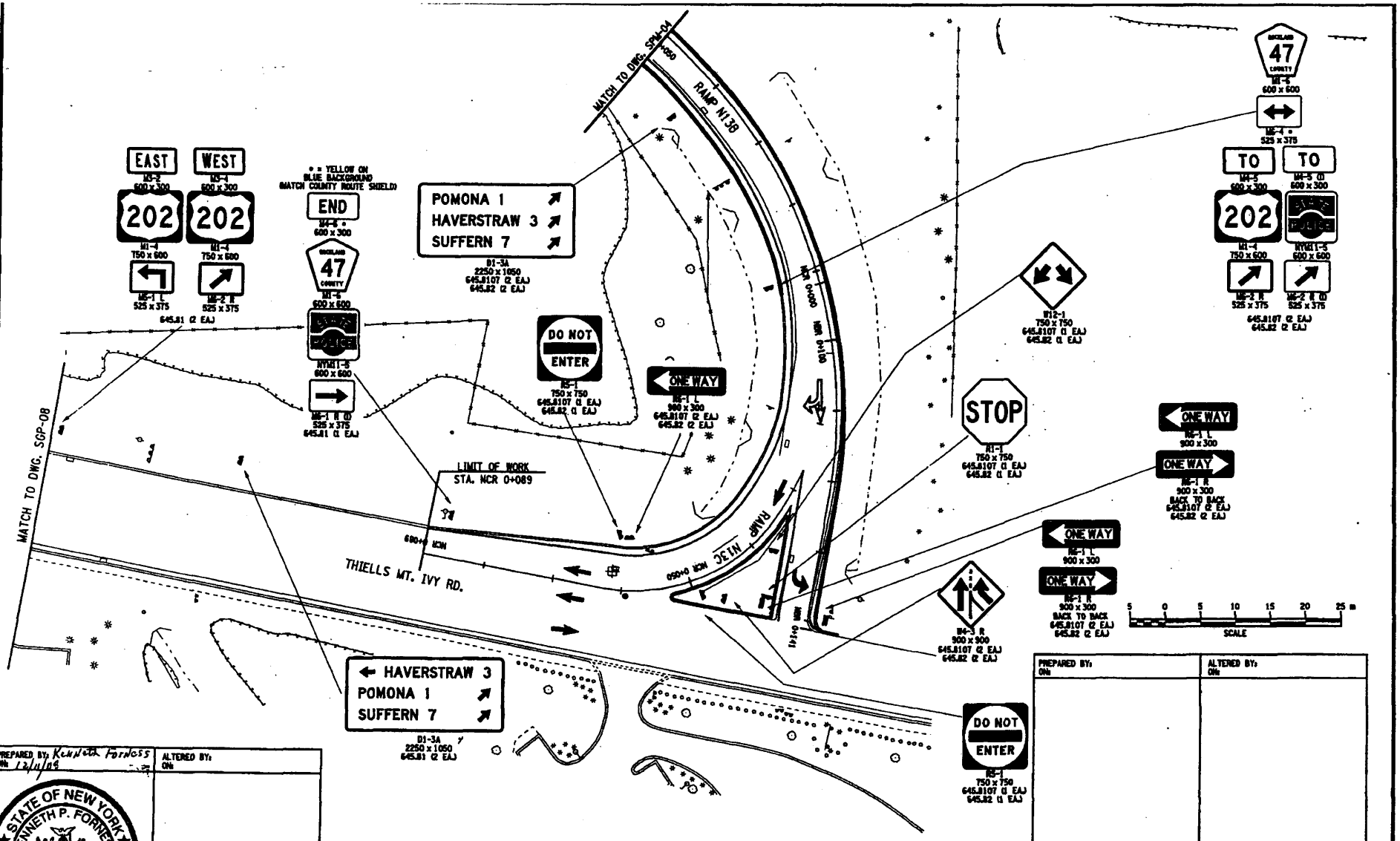
SIGNING AND PAVEMENT MARKING PLANS

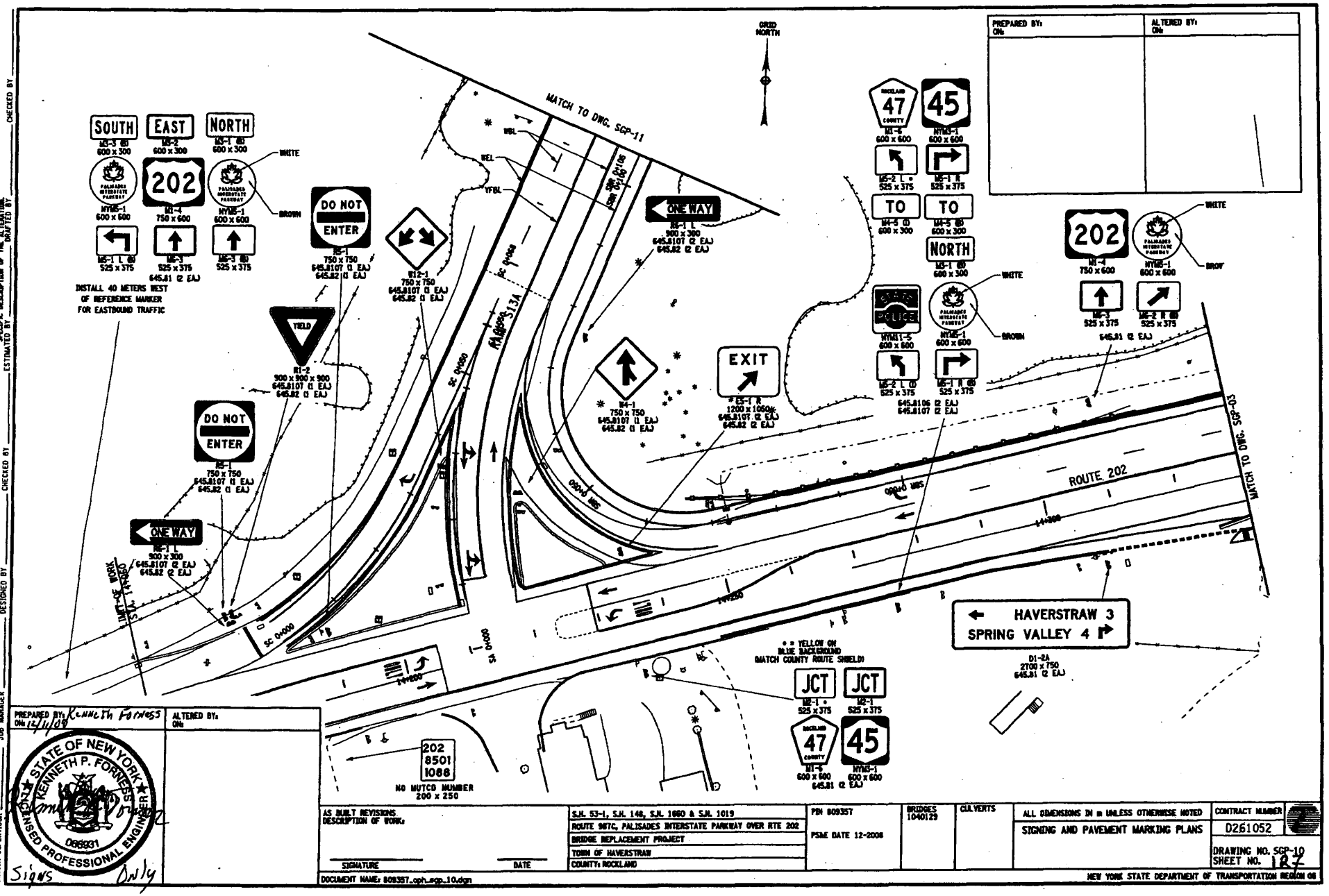
CONTRACT NUMBER D261052

DRAWING NO. SGP-08
SHEET NO. 125

DOCUMENT NAME: 809357_oph_sgp_08.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08


MATCH TO DWG. SGP-04
RAMP N130
MATCH TO DWG. SGP-08
EAST
WEST
202
202
M1-4
750 x 600
M5-1 L
525 x 375
M5-2 R
525 x 375
645.81 (2 EA.)
• = YELLOW ON BLUE BACKGROUND (MATCH COUNTY ROUTE SHIELD)
END
M4-6 •
600 x 300
ROCKLAND
47
COUNTY
M1-6
600 x 600
STATE POLICE
NYM1-5
600 x 600
M5-1 R (2)
525 x 375
645.81 (1 EA.)
POMONA 1
HAVERSTRAW 3
SUFFERN 7
D1-3A
2250 x 1050
645.8107 (2 EA.)
645.82 (2 EA.)
DO NOT ENTER
R5-1
750 x 750
645.8107 (1 EA.)
645.82 (1 EA.)
ONE WAY
R5-1 L
900 x 300
645.8107 (2 EA.)
645.82 (2 EA.)
LIMIT OF WORK
STA. NCR 0+089
680+0 NCN
050+0 NCN
RAMP N13C
THIELLS MT. IVY RD.
HAVERSTRAW 3
POMONA 1
SUFFERN 7
D1-3A
2250 x 1050
645.81 (2 EA.)
R12-1
750 x 750
645.8107 (1 EA.)
645.82 (1 EA.)
STOP
R1-1
750 x 750
645.8107 (1 EA.)
645.82 (1 EA.)
ONE WAY
R5-1 L
900 x 300
ONE WAY
R5-1 R
900 x 300
BACK TO BACK
645.8107 (2 EA.)
645.82 (2 EA.)
B4-3 R
900 x 900
645.8107 (2 EA.)
645.82 (2 EA.)
TO
TO
M4-5
600 x 300
M4-5 (2)
600 x 300
202
NYM1-5
600 x 600
M1-4
750 x 600
M5-2 R
525 x 375
M5-2 R (2)
525 x 375
645.8107 (2 EA.)
645.82 (2 EA.)
5 0 5 10 15 20 25 m
SCALE
PREPARED BY: ON:
ALTERED BY: ON:
PREPARED BY: KENNETH FORNESS ON: 12/4/08
ALTERED BY: ON:
STATE OF NEW YORK
KENNETH P. FORNESS
LICENSED PROFESSIONAL ENGINEER
066931
Signs Only
AS BUILT REVISIONS
DESCRIPTION OF WORK:
SIGNATURE
DATE
S.H. 53-1, S.H. 148, S.H. 1660 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND
PIN 809357
PS&E DATE 12-2008
BRIDGES
1040129
CULVERTS
ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
SIGNING AND PAVEMENT MARKING PLANS
CONTRACT NUMBER
D261052
DRAWING NO. SGP-09
SHEET NO. 126
DOCUMENT NAME: 809357_oph_sgp_09.dgn
NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08
DESIGN SUPERVISOR
JOB MANAGER
DESIGNED BY
CHECKED BY
CHECKED BY
DRAFTED BY
CHECKED BY
SPECIFIC DESCRIPTION OF THE ALTERATION
ESTIMATED BY



PREPARED BY:	ALTERED BY:
ON:	ON:

PREPARED BY: Kenneth Forness	ALTERED BY:
ON: 12/1/09	ON:

STATE OF NEW YORK
KENNETH P. FORNESS
LICENSED PROFESSIONAL ENGINEER
086931

Signs Only

DESIGN SUPERVISOR _____ JOB MANAGER _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ CHECKED BY _____ DRAFTED BY _____

DATE PLOTTED = 8/20/2009 - 09:20:37
DATE SAVED = 18-DEC-2008 09:41
USER = fkolmquist

DOCUMENT NAME: 809357_oph_sgp_10.dgn

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

S.H. 53-1, S.H. 148, S.H. 1060 & S.H. 1019
ROUTE 9W7C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PSME DATE 12-2008

BRIDGES 1040129

CULVERTS

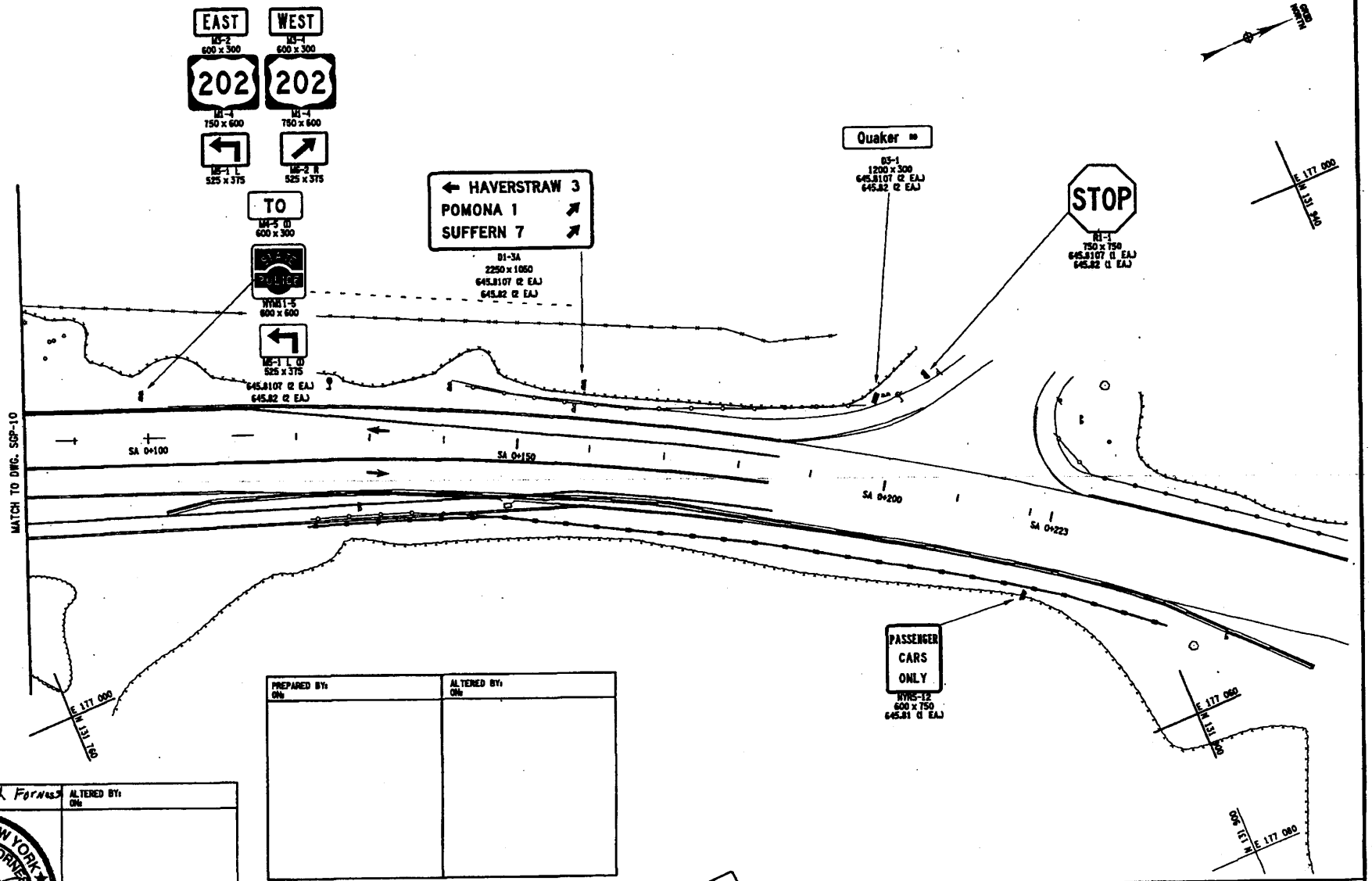
ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING AND PAVEMENT MARKING PLANS

CONTRACT NUMBER D261052

DRAWING NO. SGP-10
SHEET NO. 127

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08



PREPARED BY: ON:	ALTERED BY: ON:

PREPARED BY: Kenneth Forness ON: 12/11/09	ALTERED BY: ON:
STATE OF NEW YORK KENNETH P. FORNESS LICENSED PROFESSIONAL ENGINEER 066931 Signs Only	

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

DOCUMENT NAME: 809357_oph_sgp_11.dgn

S.H. 53-1, S.H. 148, S.H. 1060 & S.H. 1019
ROUTE 987C, PALISADES INTERSTATE PARKWAY OVER RTE 202
BRIDGE REPLACEMENT PROJECT
TOWN OF HAVERSTRAW
COUNTY: ROCKLAND

PIN 809357
PS&E DATE 12-2008

BRIDGES 1040129

CULVERTS

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

SIGNING AND PAVEMENT MARKING PLANS

CONTRACT NUMBER 0261052

DRAWING NO. SGP-11
SHEET NO. 128

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 08

DESIGN SUPERVISOR ___ JOB MANAGER ___ DESIGNED BY ___ CHECKED BY ___ ESTIMATED BY ___ DRAFTED BY ___ CHECKED BY ___

JCE DATA SUMMARY SHEETS

LOCATION: U.S. ROUTE 202 & CAMP HILL ROAD PROJECT: PATRICK FARM

DATE OF COUNT: 05/08/08 DAY: THURSDAY JCE JOB #: 1523 START TIME : 07:00 **AM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
07:00 AM	07:15 AM	1	75	0	2	121	22	3	2	10	32	4	10	282	A	
07:15 AM	07:30 AM	2	62	0	4	136	6	0	6	11	10	3	13	253	A	
07:30 AM	07:45 AM	4	108	1	2	160	4	0	1	12	24	3	7	326	X	
07:45 AM	08:00 AM	12	129	1	4	170	10	2	1	6	18	15	26	394	X	1255
08:00 AM	08:15 AM	0	63	3	8	166	18	3	1	14	24	7	12	319	X	1292
08:15 AM	08:30 AM	2	63	4	12	139	12	1	2	7	21	7	8	278	X	1317
08:30 AM	08:45 AM	4	62	5	11	147	9	5	7	10	17	7	3	287	A	1278
08:45 AM	09:00 AM	5	100	7	14	130	6	2	2	8	17	3	10	304	A	1188
09:00 AM	09:15 AM	7	96	4	10	114	10	2	2	7	21	9	9	291	A	1160
09:15 AM	09:30 AM	16	73	2	3	118	8	0	4	13	23	5	8	273	A	1155
09:30 AM	09:45 AM													0	A	868
09:45 AM	10:00 AM													0	A	564
10:00 AM	10:15 AM													0	A	273
10:15 AM	10:30 AM				-									0	A	0
10:30 AM	10:45 AM													0	A	0
10:45 AM	11:00 AM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

07:00 AM	07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	07:45 AM	4	108	1	2	160	4	0	1	12	24	3	7	326
07:45 AM	08:00 AM	12	129	1	4	170	10	2	1	6	18	15	26	394
08:00 AM	08:15 AM	0	63	3	8	166	18	3	1	14	24	7	12	319
08:15 AM	08:30 AM	2	63	4	12	139	12	1	2	7	21	7	8	278
08:30 AM	08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

53	32	87	^	6	44									
12	11	10	<	5	635									
<	v	>	v	4	26									
18	1	^	<	^	>									
343	2	>	7	8	9									
9	3	v	6	5	39									

CALCULATED PEAK HOUR VOLUMES

AM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
07:30 AM 08:30 AM	18	343	9	26	635	44	6	5	39	87	32	53	1317	0.885565
PHF BY MOVEMENT	0.38	0.70	0.56	0.54	0.89	0.61	0.50	0.63	0.70	0.91	0.68	0.51		
PHF BY APPROACH		0.69			0.92			0.69			0.79			

LOCATION: US ROUTE 202 & THEILS MT. IVY ROAD PROJECT: PATRICK FARM

DATE OF COUNT: 05/07/08 DAY: WEDNESDAY JCE JOB #: 1523 START TIME: 07:00 **AM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
07:00 AM	07:15 AM	19	72	2	1	146	21	0	0	3	32	4	160	460	A	
07:15 AM	07:30 AM	19	62	0	2	174	18	0	0	0	40	3	171	489	A	
07:30 AM	07:45 AM	23	81	2	0	167	20	0	0	1	41	2	166	503	A	
07:45 AM	08:00 AM	31	109	6	0	196	22	0	0	1	59	3	169	596	X	2048
08:00 AM	08:15 AM	30	78	1	1	188	17	0	0	0	42	3	178	538	X	2126
08:15 AM	08:30 AM	26	87	5	1	179	23	0	0	0	70	0	172	563	X	2200
08:30 AM	08:45 AM	39	77	1	1	165	18	0	0	0	59	0	169	529	X	2226
08:45 AM	09:00 AM	29	117	0	0	171	23	0	0	0	55	0	162	557	A	2187
09:00 AM	09:15 AM	28	100	0	1	123	20	0	0	1	56	4	126	459	A	2108
09:15 AM	09:30 AM	22	75	2	0	165	33	0	0	0	57	1	116	471	A	2016
09:30 AM	09:45 AM													0	A	1487
09:45 AM	10:00 AM													0	A	930
10:00 AM	10:15 AM													0	A	471
10:15 AM	10:30 AM													0	A	0
10:30 AM	10:45 AM													0	A	0
10:45 AM	11:00 AM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

07:00 AM	07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	08:00 AM	31	109	6	0	196	22	0	0	1	59	3	169	596
08:00 AM	08:15 AM	30	78	1	1	188	17	0	0	0	42	3	178	538
08:15 AM	08:30 AM	26	87	5	1	179	23	0	0	0	70	0	172	563
08:30 AM	08:45 AM	39	77	1	1	165	18	0	0	0	59	0	169	529
08:45 AM	09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

488	4	200	^	6	60									
12	11	10	<	5	728									
<	v	>	v	4	4									
126	1	^	<	^	>									
351	2	>	7	8	9									
13	3	v	0	0	1									

CALCULATED PEAK HOUR VOLUMES

AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
07:45 AM	08:45 AM	126	351	13	3	726	80	0	0	1	230	6	656	2226	0.933725
PHF BY MOVEMENT		0.81	0.81	0.54	0.75	0.93	0.87	#DIV/0!	#DIV/0!	0.25	0.82	0.60	0.97		
PHF BY APPROACH			0.94			0.93			0.25			0.96			

LOCATION: US ROUTE 202 & PALISADES SB RAMPS/MT. IVY [PROJECT: PATRICK FARM

DATE OF COUNT: 05/07/08 DAY: WEDNESDAY JCE JOB #: 1523 START TIME: 07:00 **AM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
07:00 AM	07:15 AM	49	63	0	1	140	202	1	2	2	23	1	43	527	A	
07:15 AM	07:30 AM	49	66	1	1	149	200	1	2	1	20	2	47	539	A	
07:30 AM	07:45 AM	39	75	2	0	161	203	1	1	1	41	0	50	574	X	
07:45 AM	08:00 AM	49	80	0	1	162	205	1	0	0	34	0	56	588	X	2228
08:00 AM	08:15 AM	41	71	0	1	182	214	2	1	2	31	1	40	586	X	2287
08:15 AM	08:30 AM	41	73	2	4	176	194	3	1	1	16	0	34	545	X	2293
08:30 AM	08:45 AM	34	90	0	7	170	177	2	1	1	27	0	47	556	A	2275
08:45 AM	09:00 AM	41	100	0	2	175	203	1	0	1	25	0	42	590	A	2277
09:00 AM	09:15 AM	37	96	0	3	129	126	1	0	2	22	0	27	443	A	2134
09:15 AM	09:30 AM	25	81	0	5	132	135	0	0	3	22	0	22	425	A	2014
09:30 AM	09:45 AM													0	A	1458
09:45 AM	10:00 AM													0	A	868
10:00 AM	10:15 AM													0	A	425
10:15 AM	10:30 AM													0	A	0
10:30 AM	10:45 AM													0	A	0
10:45 AM	11:00 AM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

07:00 AM	07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	07:45 AM	39	75	2	0	161	203	1	1	1	41	0	50	574
07:45 AM	08:00 AM	49	80	0	1	162	205	1	0	0	34	0	56	588
08:00 AM	08:15 AM	41	71	0	1	182	214	2	1	2	31	1	40	586
08:15 AM	08:30 AM	41	73	2	4	176	194	3	1	1	16	0	34	545
08:30 AM	08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

180	1	122	^	6	816									
12	11	10	<	5	681									
<	v	>	v	4	6									
170	1	^	<	^	>									
299	2	>	7	8	9									
4	3	v	1	3	4									

CALCULATED PEAK HOUR VOLUMES

AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
07:30 AM	08:30 AM	170	299	4	4	681	816	7	3	4	122	1	160	2293	0.974715
PHF BY MOVEMENT		0.87	0.93	0.50	0.50	0.94	0.95	0.58	0.75	0.50	0.74	0.25	0.80		
PHF BY APPROACH			0.92			0.95			0.70			0.85			

LOCATION: US ROUTE 202 & NYS ROUTE 45/OLD COUNTRY PROJECT: PATRICK FARM

DATE OF COUNT: 05/13/08 DAY: TUESDAY JCE JOB #: 1523 START TIME: 07:00 **AM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
07:00 AM	07:15 AM	0	56	43	33	145	0	36	0	40	0	1	8	362	A	
07:15 AM	07:30 AM	1	65	51	47	156	0	36	1	56	2	3	7	425	A	
07:30 AM	07:45 AM	3	75	54	34	122	0	41	0	35	1	7	18	390	A	
07:45 AM	08:00 AM	1	90	63	66	154	0	54	2	50	2	2	14	498	X	1675
08:00 AM	08:15 AM	1	81	61	44	155	0	31	0	50	3	4	9	439	X	1752
08:15 AM	08:30 AM	1	58	76	63	132	0	30	0	56	0	2	12	430	X	1757
08:30 AM	08:45 AM	1	91	67	45	143	0	29	1	49	1	6	21	454	X	1821
08:45 AM	09:00 AM	1	94	68	67	114	0	34	0	45	2	3	6	434	A	1757
09:00 AM	09:15 AM	0	96	62	43	110	0	35	0	60	2	0	5	413	A	1731
09:15 AM	09:30 AM	2	87	57	42	116	0	40	0	31	1	3	4	383	A	1684
09:30 AM	09:45 AM													0	A	1230
09:45 AM	10:00 AM													0	A	796
10:00 AM	10:15 AM													0	A	383
10:15 AM	10:30 AM													0	A	0
10:30 AM	10:45 AM													0	A	0
10:45 AM	11:00 AM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

07:00 AM	07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	08:00 AM	1	90	63	66	154	0	54	2	50	2	2	14	498
08:00 AM	08:15 AM	1	81	61	44	155	0	31	0	50	3	4	9	439
08:15 AM	08:30 AM	1	58	76	63	132	0	30	0	56	0	2	12	430
08:30 AM	08:45 AM	1	91	67	45	143	0	29	1	49	1	6	21	454
08:45 AM	09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

56	14	6	^	6	0
12	11	10	<	5	594
<	v	>	v	4	215
4	1	^	<	^	>
320	2	>	7	8	9
267	3	v	144	3	205

CALCULATED PEAK HOUR VOLUMES

AM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	FHF
07:45 AM 08:45 AM	4	320	267	215	594	0	144	3	205	6	14	56	1821	0.914157
PHF BY MOVEMENT	1.00	0.88	0.88	0.82	0.94	#DIV/0!	0.67	0.38	0.92	0.50	0.58	0.67		
PHF BY APPROACH		0.93			0.91			0.63			0.69			

LOCATION: PALISADES NB OFF RAMP & THEILS MT. IVY ROA PROJECT: PATRICK FARM

DATE OF COUNT: 05/08/08 DAY: THURSDAY JCE JOB #: 1523 START TIME : 07:00 **AM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
07:00 AM	07:15 AM	11		28					37			165		241	A	
07:15 AM	07:30 AM	17		30					34			160		241	A	
07:30 AM	07:45 AM	22		36					61			188		307	A	
07:45 AM	08:00 AM	40		71					57			177		345	X	1134
08:00 AM	08:15 AM	22		65					50			160		297	X	1190
08:15 AM	08:30 AM	15		47					49			185		296	X	1245
08:30 AM	08:45 AM	19		43					89			183		334	X	1272
08:45 AM	09:00 AM	22		48					58			156		284	A	1211
09:00 AM	09:15 AM	30		47					47			141		265	A	1179
09:15 AM	09:30 AM	20		40					60			107		227	A	1110
09:30 AM	09:45 AM													0	A	776
09:45 AM	10:00 AM													0	A	492
10:00 AM	10:15 AM													0	A	227
10:15 AM	10:30 AM													0	A	0
10:30 AM	10:45 AM													0	A	0
10:45 AM	11:00 AM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

07:00 AM	07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	08:00 AM	40	0	71	0	0	0	0	57	0	0	177	0	345
08:00 AM	08:15 AM	22	0	65	0	0	0	0	50	0	0	160	0	297
08:15 AM	08:30 AM	15	0	47	0	0	0	0	49	0	0	185	0	296
08:30 AM	08:45 AM	19	0	43	0	0	0	0	89	0	0	183	0	334
08:45 AM	09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
07:45 AM	08:45 AM	96	0	226	0	0	0	0	245	0	0	705	0	1272	0.921789
PHF BY MOVEMENT		0.60	#DIV/0!	0.80	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.69	#DIV/0!	#DIV/0!	0.96	#DIV/0!		
PHF BY APPROACH			0.73			#DIV/0!			0.69			0.95			

0	705	0	^	6	0
12	11	10	<	5	0
<	v	>	v	4	0
96	1	^	<	^	>
0	2	>	7	8	9
226	3	v	0	245	0

LOCATION: NYS ROUTE 45 & OLD ROUTE 202/PARK & RIDE PROJECT: MINISCEONGE PARK

DATE OF COUNT: 09/04/08 DAY: THURSDAY JCE JOB #: 1540 START TIME: 06:45 **AM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
06:45 AM	07:00 AM	1	1	2	47	4	6	3	51	7	1	62	4	189	A	
07:00 AM	07:15 AM	0	0	2	36	2	12	0	63	14	1	80	1	211	A	
07:15 AM	07:30 AM	0	0	2	41	5	6	3	69	13	3	89	2	233	A	
07:30 AM	07:45 AM	0	2	2	48	1	8	1	67	10	0	93	0	232	A	865
07:45 AM	08:00 AM	0	0	1	66	3	13	1	80	17	0	135	0	316	X	992
08:00 AM	08:15 AM	0	0	1	55	0	6	1	86	15	7	99	0	270	X	1051
08:15 AM	08:30 AM	0	0	2	53	1	8	2	54	8	2	142	0	272	X	1090
08:30 AM	08:45 AM	0	0	3	30	1	14	1	69	14	0	106	0	238	X	1096
08:45 AM	09:00 AM	0	0	2	48	1	9	1	82	7	1	124	0	275	A	1055
09:00 AM	09:15 AM	0	0	1	44	0	14	0	75	19	2	84	0	239	A	1024
09:15 AM	09:30 AM	0	0	0	19	0	5	0	84	12	0	69	0	189	A	941
09:30 AM	09:45 AM													0	A	703
09:45 AM	10:00 AM													0	A	428
10:00 AM	10:15 AM													0	A	189
10:15 AM	10:30 AM													0	A	0
10:30 AM	10:45 AM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

06:45 AM	07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM	07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	08:00 AM	0	0	1	66	3	13	1	80	17	0	135	0	316
08:00 AM	08:15 AM	0	0	1	55	0	6	1	86	15	7	99	0	270
08:15 AM	08:30 AM	0	0	2	53	1	8	2	54	8	2	142	0	272
08:30 AM	08:45 AM	0	0	3	30	1	14	1	69	14	0	106	0	238
08:45 AM	09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

AM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
07:45 AM 08:45 AM	0	0	7	204	8	41	5	269	54	9	452	0	1096	0.867387
PHF BY MOVEMENT	#DIV/0!	#DIV/0!	0.58	0.77	0.67	0.78	0.63	0.84	0.79	0.82	0.85	#DIV/0!		
PHF BY APPROACH		0.58			0.76			0.85			0.85			

0	452	9	^	6	41
12	11	10	<	5	8
<	v	>	v	4	204
0	1	^	<	^	>
0	2	>	7	8	9
7	3	v	5	269	54

LOCATION: US ROUTE 202 & NYS ROUTE 306 PROJECT: PATRICK FARM

DATE OF COUNT: 05/08/08 DAY: THURSDAY JCE JOB #: 1523 START TIME: 07:00 **AM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
07:00 AM	07:15 AM	0	50	3	20	100	1	0	2	12	1	12	0	201	A	
07:15 AM	07:30 AM	0	51	1	37	104	3	1	2	13	0	10	0	222	A	
07:30 AM	07:45 AM	0	79	6	31	134	0	1	2	18	0	9	1	281	X	
07:45 AM	08:00 AM	0	78	2	48	145	4	3	6	17	2	17	2	324	X	1028
08:00 AM	08:15 AM	1	47	3	24	140	2	0	4	21	1	4	0	247	X	1074
08:15 AM	08:30 AM	1	65	1	25	136	2	2	4	31	4	8	0	279	X	1131
08:30 AM	08:45 AM	4	73	4	28	126	3	4	9	21	2	3	0	277	A	1127
08:45 AM	09:00 AM	1	85	12	39	125	0	1	1	19	2	7	2	294	A	1097
09:00 AM	09:15 AM	0	68	6	23	112	2	2	2	15	1	6	0	237	A	1087
09:15 AM	09:30 AM	0	53	4	17	101	2	3	1	10	0	3	1	195	A	1003
09:30 AM	09:45 AM													0	A	726
09:45 AM	10:00 AM													0	A	432
10:00 AM	10:15 AM													0	A	195
10:15 AM	10:30 AM													0	A	0
10:30 AM	10:45 AM													0	A	0
10:45 AM	11:00 AM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

07:00 AM	07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	07:45 AM	0	79	6	31	134	0	1	2	18	0	9	1	281
07:45 AM	08:00 AM	0	78	2	48	145	4	3	6	17	2	17	2	324
08:00 AM	08:15 AM	1	47	3	24	140	2	0	4	21	1	4	0	247
08:15 AM	08:30 AM	1	65	1	25	136	2	2	4	31	4	8	0	279
08:30 AM	08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

3	38	7	^	6	8										
12	11	10	<	5	555										
<	v	>	v	4	126										
2	1	^	<	^	>										
269	2	>	7	8	9										
12	3	v	6	16	87										

CALCULATED PEAK HOUR VOLUMES

AM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
07:30 AM 08:30 AM	2	269	12	126	555	8	6	16	87	7	36	4	1131	0.872685
PHF BY MOVEMENT	0.50	0.85	0.50	0.67	0.96	0.50	0.50	0.67	0.70	0.44	0.64	0.50		
PHF BY APPROACH		0.83			0.88			0.74			0.67			

LOCATION: U.S. RTE 202 & BALSAM RD/CRYSTAL HILL CLUB PROJECT: MINISCEONGE PARK

DATE OF COUNT: 09/04/08 DAY: THURSDAY JCE JOB #: 1540 START TIME: 06:45 **AM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
AM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
06:45 AM	07:00 AM	0	52	0	0	78	1	9	0	2	4	0	1	147	A	
07:00 AM	07:15 AM	0	85	3	3	139	2	12	0	4	13	0	5	266	A	
07:15 AM	07:30 AM	1	95	3	4	190	6	14	0	2	8	0	6	329	A	
07:30 AM	07:45 AM	1	74	0	2	162	1	8	0	1	8	0	4	261	A	1003
07:45 AM	08:00 AM	1	105	1	2	171	4	15	0	6	11	0	2	318	X	1174
08:00 AM	08:15 AM	0	89	2	2	150	6	12	1	8	14	0	2	286	X	1194
08:15 AM	08:30 AM	0	109	2	2	167	8	9	0	8	9	0	2	316	X	1181
08:30 AM	08:45 AM	1	112	1	2	187	4	9	0	0	8	0	6	330	X	1250
08:45 AM	09:00 AM	0	73	1	3	132	1	7	0	0	8	0	2	227	A	1159
09:00 AM	09:15 AM	3	106	2	5	152	5	5	0	0	2	0	4	284	A	1157
09:15 AM	09:30 AM	0	95	1	4	100	4	1	0	1	12	0	8	226	A	1067
09:30 AM	09:45 AM													0	A	737
09:45 AM	10:00 AM													0	A	510
10:00 AM	10:15 AM													0	A	226
10:15 AM	10:30 AM													0	A	0
10:30 AM	10:45 AM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

06:45 AM	07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM	07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	08:00 AM	1	105	1	2	171	4	15	0	6	11	0	2	318
08:00 AM	08:15 AM	0	89	2	2	150	6	12	1	8	14	0	2	286
08:15 AM	08:30 AM	0	109	2	2	167	8	9	0	8	9	0	2	316
08:30 AM	08:45 AM	1	112	1	2	187	4	9	0	0	8	0	6	330
08:45 AM	09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

AM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
07:45 AM 08:45 AM	2	415	6	8	679	22	45	1	22	42	0	12	1250	0.94697
PHF BY MOVEMENT	0.50	0.93	0.75	1.00	0.90	0.69	0.75	0.25	0.69	0.75	#DIV/0!	0.50		
PHF BY APPROACH		0.93			0.91			0.81			0.84			

12	0	42	^	6	22
12	11	10	<	5	679
<	v	>	v	4	8
2	1	^	<	^	>
415	2	>	7	8	9
6	3	v	45	1	22

LOCATION: U.S. ROUTE 202 & CAMP HILL ROAD PROJECT: PATRICK FARM

DATE OF COUNT: 05/07/08 DAY: WEDNESDAY JCE JOB #: 1523 START TIME : 16:00 **PM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
PM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
04:00 PM	04:15 PM	10	147	2	23	109	12	4	3	5	21	8	3	347	A	
04:15 PM	04:30 PM	10	148	2	25	99	16	0	3	9	17	5	5	339	A	
04:30 PM	04:45 PM	7	102	4	26	107	11	4	6	11	16	2	10	306	A	
04:45 PM	05:00 PM	10	144	6	24	103	21	10	7	12	28	7	6	378	X	1370
05:00 PM	05:15 PM	7	144	2	28	99	12	3	6	8	49	7	10	375	X	1398
05:15 PM	05:30 PM	9	147	2	35	94	17	0	8	9	21	4	4	350	X	1409
05:30 PM	05:45 PM	2	141	3	26	120	11	4	3	15	13	7	6	351	X	1454
05:45 PM	06:00 PM	8	135	3	30	132	11	1	5	6	16	4	11	362	A	1438
06:00 PM	06:15 PM	2	125	4	17	100	12	1	6	9	25	5	3	309	A	1372
06:15 PM	06:30 PM	7	118	2	24	105	13	1	4	9	14	12	10	319	A	1341
06:30 PM	06:45 PM													0	A	990
06:45 PM	07:00 PM													0	A	628
07:00 PM	07:15 PM													0	A	319
07:15 PM	07:30 PM													0	A	0
07:30 PM	07:45 PM													0	A	0
07:45 PM	08:00 PM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

04:00 PM	04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	05:00 PM	10	144	6	24	103	21	10	7	12	28	7	6	378
05:00 PM	05:15 PM	7	144	2	28	99	12	3	6	8	49	7	10	375
05:15 PM	05:30 PM	9	147	2	35	94	17	0	8	9	21	4	4	350
05:30 PM	05:45 PM	2	141	3	26	120	11	4	3	15	13	7	6	351
05:45 PM	06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 PM	06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM	07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

PM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
04:45 PM 05:45 PM	28	576	13	113	416	61	17	24	44	111	25	26	1454	0.96164
PHF BY MOVEMENT	0.70	0.96	0.54	0.81	0.87	0.79	0.43	0.75	0.73	0.87	0.89	0.65		
PHF BY APPROACH		0.96			0.94			0.73			0.91			

28	576	13	^	6	61
12	11	10	<	5	416
<	v	>	v	4	113
28	1	^	<	^	>
576	2	>	7	8	9
13	3	v	17	24	44

LOCATION: US ROUTE 202 & THEILS MT. IVY ROAD PROJECT: PATRICK FARM

DATE OF COUNT: 05/06/08 DAY: TUESDAY JCE JOB #: 1523 START TIME : 16:00 **PM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
PM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
04:00 PM	04:15 PM	55	153	2	1	147	44	1	0	0	48	0	126	577	A	
04:15 PM	04:30 PM	56	124	0	0	116	58	1	1	3	48	1	135	543	A	
04:30 PM	04:45 PM	70	147	1	0	118	36	0	0	0	70	0	121	563	A	
04:45 PM	05:00 PM	64	142	0	0	133	48	0	0	2	66	2	130	587	A	2270
05:00 PM	05:15 PM	57	127	2	2	123	44	1	0	1	41	0	123	521	A	2214
05:15 PM	05:30 PM	67	135	0	0	150	50	0	0	0	52	0	131	585	X	2256
05:30 PM	05:45 PM	64	145	2	1	141	51	0	2	2	58	1	129	596	X	2289
05:45 PM	06:00 PM	71	136	1	0	127	41	1	1	3	56	1	142	580	X	2282
06:00 PM	06:15 PM	47	124	4	0	128	40	0	0	0	64	0	129	536	X	2297
06:15 PM	06:30 PM	53	106	3	0	106	45	1	2	5	54	0	129	504	A	2216
06:30 PM	06:45 PM													0	A	1620
06:45 PM	07:00 PM													0	A	1040
07:00 PM	07:15 PM													0	A	504
07:15 PM	07:30 PM													0	A	0
07:30 PM	07:45 PM													0	A	0
07:45 PM	08:00 PM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

04:00 PM	04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	05:30 PM	67	135	0	0	150	50	0	0	0	52	0	131	585
05:30 PM	05:45 PM	64	145	2	1	141	51	0	2	2	58	1	129	596
05:45 PM	06:00 PM	71	136	1	0	127	41	1	1	3	56	1	142	580
06:00 PM	06:15 PM	47	124	4	0	128	40	0	0	0	64	0	129	536
06:15 PM	06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM	07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

231	2	330	^	6	182										
12	11	10	<	5	546										
<	v	>	v	4	1										
249	1	^	<	^	>										
540	2	>	7	8	9										
7	3	v	1	8	3										

CALCULATED PEAK HOUR VOLUMES

PM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
05:15 PM 06:15 PM	249	540	7	1	546	182	1	3	5	230	2	331	2297	0.963507
PHF BY MOVEMENT	0.88	0.93	0.44	0.25	0.91	0.89	0.25	0.38	0.42	0.89	0.50	0.93		
PHF BY APPROACH		0.94			0.91			0.45			0.96			

LOCATION: US ROUTE 202 & PALISADES SB RAMPS/MT. IVY [PROJECT: PATRICK FARM

DATE OF COUNT: 05/06/08 DAY: TUESDAY JCE JOB #: 1523 START TIME : 16:00 **PM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
PM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
04:00 PM	04:15 PM	23	143	0	7	139	93	1	1	6	31	0	29	473	A	
04:15 PM	04:30 PM	20	140	1	2	138	135	2	1	4	36	0	31	510	A	
04:30 PM	04:45 PM	22	162	2	6	144	123	1	2	8	41	0	32	543	X	
04:45 PM	05:00 PM	27	146	2	6	132	132	1	1	4	20	1	30	502	X	2028
05:00 PM	05:15 PM	46	162	1	1	141	126	3	3	3	35	2	35	558	X	2113
05:15 PM	05:30 PM	22	151	2	4	189	140	1	1	6	14	0	20	550	X	2153
05:30 PM	05:45 PM	32	131	1	5	164	114	2	1	8	21	0	31	510	A	2120
05:45 PM	06:00 PM	26	150	0	8	135	146	3	2	5	23	2	30	530	A	2148
06:00 PM	06:15 PM	37	154	2	4	161	123	2	1	6	25	1	27	543	A	2133
06:15 PM	06:30 PM	31	133	3	1	126	116	0	1	2	34	0	32	479	A	2062
06:30 PM	06:45 PM													0	A	1552
06:45 PM	07:00 PM													0	A	1022
07:00 PM	07:15 PM													0	A	479
07:15 PM	07:30 PM													0	A	0
07:30 PM	07:45 PM													0	A	0
07:45 PM	08:00 PM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

04:00 PM	04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	04:45 PM	22	162	2	6	144	123	1	2	8	41	0	32	543
04:45 PM	05:00 PM	27	146	2	6	132	132	1	1	4	20	1	30	502
05:00 PM	05:15 PM	46	162	1	1	141	126	3	3	3	35	2	35	558
05:15 PM	05:30 PM	22	151	2	4	189	140	1	1	6	14	0	20	550
05:30 PM	05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 PM	06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM	07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

PM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
04:30 PM 05:30 PM	117	621	7	17	496	521	6	7	21	110	3	17	2153	0.964606
PHF BY MOVEMENT	0.64	0.96	0.88	0.71	0.88	0.93	0.50	0.58	0.66	0.67	0.38	0.84		
PHF BY APPROACH		0.89			0.86			0.77			0.79			

117	621	7	^	6	521
12	11	10	<	5	496
<	v	>	v	4	17
117	1	^	<	^	>
621	2	>	7	8	9
7	3	v	6	7	21

LOCATION: US ROUTE 202 & NYS ROUTE 45/OLD COUNTRY PROJECT: PATRICK FARM

DATE OF COUNT: 05/14/08 DAY: WEDNESDAY JCE JOB #: 1523 START TIME : 16:00 **PM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
PM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
04:00 PM	04:15 PM	2	120	51	39	124	0	62	3	111	2	2	8	524	A	
04:15 PM	04:30 PM	4	113	63	39	119	0	66	2	134	2	0	6	548	A	
04:30 PM	04:45 PM	3	142	53	39	115	0	66	1	112	0	1	5	537	A	
04:45 PM	05:00 PM	2	146	51	41	119	0	63	2	123	0	1	2	550	A	2159
05:00 PM	05:15 PM	3	132	70	41	101	0	65	1	132	0	1	2	548	X	2183
05:15 PM	05:30 PM	1	147	67	31	121	0	59	0	105	5	0	4	540	X	2175
05:30 PM	05:45 PM	1	124	71	42	127	0	54	2	116	3	4	1	545	X	2183
05:45 PM	06:00 PM	3	145	63	36	130	0	61	2	123	0	3	3	569	X	2202
06:00 PM	06:15 PM	2	106	59	39	131	0	52	0	118	1	2	7	517	A	2171
06:15 PM	06:30 PM	1	116	62	43	95	0	46	0	124	1	0	12	500	A	2131
06:30 PM	06:45 PM													0	A	1586
06:45 PM	07:00 PM													0	A	1017
07:00 PM	07:15 PM													0	A	500
07:15 PM	07:30 PM													0	A	0
07:30 PM	07:45 PM													0	A	0
07:45 PM	08:00 PM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

04:00 PM	04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	05:15 PM	3	132	70	41	101	0	65	1	132	0	1	2	548
05:15 PM	05:30 PM	1	147	67	31	121	0	59	0	105	5	0	4	540
05:30 PM	05:45 PM	1	124	71	42	127	0	54	2	116	3	4	1	545
05:45 PM	06:00 PM	3	145	63	36	130	0	61	2	123	0	3	3	569
06:00 PM	06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM	07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

PM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
05:00 PM 06:00 PM	8	548	271	150	479	0	259	5	476	6	6	10	2202	0.967457
PHF BY MOVEMENT	0.67	0.93	0.96	0.89	0.92	#DIV/0!	0.92	0.63	0.90	0.50	0.50	0.63		
PHF BY APPROACH		0.96			0.95			0.91			0.72			

10	8	8	^	6	0
12	11	10	<	5	479
<	v	>	v	4	150
8	1	^	<	^	>
548	2	>	7	8	9
271	3	v	259	5	476

LOCATION: US ROUTE 202 & NYS ROUTE 306 PROJECT: PATRICK FARM

DATE OF COUNT: 05/07/08 DAY: WEDNESDAY JCE JOB #: 1523 START TIME : 16:00 **PM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
PM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
04:00 PM	04:15 PM	2	78	4	24	73	2	6	7	42	4	14	0	256	A	
04:15 PM	04:30 PM	1	129	3	31	87	5	3	10	37	2	8	0	316	A	
04:30 PM	04:45 PM	1	73	4	25	78	2	1	5	30	2	1	0	222	A	
04:45 PM	05:00 PM	0	117	1	26	93	2	3	10	29	6	6	1	294	A	1088
05:00 PM	05:15 PM	0	114	2	27	91	6	6	6	27	1	6	1	287	X	1119
05:15 PM	05:30 PM	1	123	3	25	74	1	9	6	32	4	7	0	285	X	1088
05:30 PM	05:45 PM	1	111	4	37	80	1	2	9	32	2	4	0	283	X	1149
05:45 PM	06:00 PM	2	109	1	52	84	6	5	11	25	5	4	0	304	X	1159
06:00 PM	06:15 PM	2	94	2	32	88	0	4	7	25	0	5	0	259	A	1131
06:15 PM	06:30 PM	0	100	3	21	90	3	5	5	23	1	7	0	258	A	1104
06:30 PM	06:45 PM													0	A	821
06:45 PM	07:00 PM													0	A	517
07:00 PM	07:15 PM													0	A	258
07:15 PM	07:30 PM													0	A	0
07:30 PM	07:45 PM													0	A	0
07:45 PM	08:00 PM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

04:00 PM	04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	05:15 PM	0	114	2	27	91	6	6	6	27	1	6	1	287
05:15 PM	05:30 PM	1	123	3	25	74	1	9	6	32	4	7	0	285
05:30 PM	05:45 PM	1	111	4	37	80	1	2	9	32	2	4	0	283
05:45 PM	06:00 PM	2	109	1	52	84	6	5	11	25	5	4	0	304
06:00 PM	06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM	07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

PM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
05:00 PM 06:00 PM	4	457	10	141	329	14	22	32	116	12	21	1	1159	0.953125
PHF BY MOVEMENT	0.50	0.93	0.63	0.68	0.90	0.58	0.69	0.73	0.91	0.60	0.75	0.25		
PHF BY APPROACH		0.93			0.85			0.90			0.77			

1	21	12	^	6	14
12	11	10	<	5	329
<	v	>	v	4	141
4	1	^	<	^	>
457	2	>	7	8	9
10	3	v	22	32	116

LOCATION: NYS ROUTE 45 & OLD ROUTE 202/PARK & RIDE PROJECT: MINISCEONGE PARK

DATE OF COUNT: 09/03/08 DAY: WEDNESDAY JCE JOB #: 1540 START TIME: 16:00 **PM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
PM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
04:00 PM	04:15 PM	0	0	1	17	0	5	2	147	33	0	86	0	291	A	
04:15 PM	04:30 PM	1	1	2	19	0	1	2	158	30	4	85	0	303	A	
04:30 PM	04:45 PM	1	1	2	14	0	12	1	177	31	3	120	1	363	X	
04:45 PM	05:00 PM	0	0	1	15	0	7	0	158	31	0	102	0	314	X	1271
05:00 PM	05:15 PM	1	1	5	23	0	8	2	202	31	2	111	3	389	X	1369
05:15 PM	05:30 PM	0	0	2	18	0	10	1	192	22	1	109	1	356	X	1422
05:30 PM	05:45 PM	1	1	3	18	0	9	2	140	20	0	85	1	280	A	1339
05:45 PM	06:00 PM	0	0	1	17	0	9	0	133	20	3	102	0	285	A	1310
06:00 PM	06:15 PM	0	1	2	25	0	9	2	152	24	3	93	2	313	A	1234
06:15 PM	06:30 PM	0	0	2	20	0	9	3	124	21	3	93	1	276	A	1154
06:30 PM	06:45 PM													0	A	874
06:45 PM	07:00 PM													0	A	589
07:00 PM	07:15 PM													0	A	276
07:15 PM	07:30 PM													0	A	0
07:30 PM	07:45 PM													0	A	0
07:45 PM	08:00 PM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

04:00 PM	04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	04:45 PM	1	1	2	14	0	12	1	177	31	3	120	1	363
04:45 PM	05:00 PM	0	0	1	15	0	7	0	158	31	0	102	0	314
05:00 PM	05:15 PM	1	1	5	23	0	8	2	202	31	2	111	3	389
05:15 PM	05:30 PM	0	0	2	18	0	10	1	192	22	1	109	1	356
05:30 PM	05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 PM	06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM	07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

PM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
04:30 PM 05:30 PM	2	2	10	70	0	37	4	729	115	6	442	5	1422	0.913852
PHF BY MOVEMENT	0.50	0.50	0.50	0.76	#DIV/0!	0.77	0.50	0.90	0.93	0.50	0.92	0.42		
PHF BY APPROACH		0.50			0.86			0.90			0.91			

2	442	5	^	6	37
12	11	10	<	5	0
<	v	>	v	4	729
2	1	^	<	^	>
2	2	>	7	8	9
10	3	v	6	729	115

LOCATION: U.S. RTE 202 & BALSAM RD/CRYSTAL HILL CLUB PROJECT: MINISCEONGE PARK

DATE OF COUNT: 09/03/08 DAY: WEDNESDAY JCE JOB #: 1540 START TIME : 16:00 **PM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

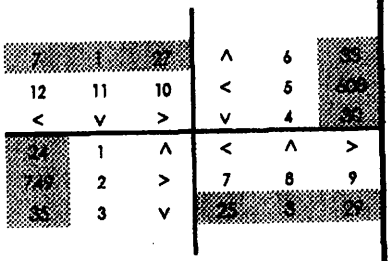
		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
PM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
04:00 PM	04:15 PM	2	143	6	8	128	6	2	0	1	5	0	0	301	A	
04:15 PM	04:30 PM	4	184	7	8	99	12	2	1	3	8	0	0	328	A	
04:30 PM	04:45 PM	7	174	8	7	125	10	2	1	4	8	4	2	352	A	
04:45 PM	05:00 PM	10	190	8	8	173	5	3	1	5	7	0	0	410	X	1391
05:00 PM	05:15 PM	9	204	7	3	159	6	7	2	8	5	0	6	416	X	1506
05:15 PM	05:30 PM	3	199	10	6	129	15	6	0	6	9	0	1	384	X	1562
05:30 PM	05:45 PM	2	156	10	13	147	7	9	0	10	6	1	0	361	X	1571
05:45 PM	06:00 PM	1	183	8	3	133	9	5	1	2	16	0	1	362	A	1523
06:00 PM	06:15 PM	5	146	7	9	135	9	2	0	1	9	0	6	329	A	1436
06:15 PM	06:30 PM	5	141	10	5	113	5	9	1	1	8	0	4	302	A	1354
06:30 PM	06:45 PM													0	A	993
06:45 PM	07:00 PM													0	A	631
07:00 PM	07:15 PM													0	A	302
07:15 PM	07:30 PM													0	A	0
07:30 PM	07:45 PM													0	A	0
07:45 PM	08:00 PM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

04:00 PM	04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	05:00 PM	10	190	8	8	173	5	3	1	5	7	0	0	410
05:00 PM	05:15 PM	9	204	7	3	159	6	7	2	8	5	0	6	416
05:15 PM	05:30 PM	3	199	10	6	129	15	6	0	6	9	0	1	384
05:30 PM	05:45 PM	2	156	10	13	147	7	9	0	10	6	1	0	361
05:45 PM	06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 PM	06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM	07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

PM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
04:45 PM 05:45 PM	24	749	35	30	605	53	25	3	29	27	1	7	1571	0.944111
PHF BY MOVEMENT	0.60	0.92	0.88	0.58	0.88	0.88	0.69	0.38	0.73	0.75	0.25	0.29		
PHF BY APPROACH		0.92			0.90			0.75			0.80			



LOCATION: U.S. RTE 202 & THIELLS MOUNT IVY/PARK & RIDE PROJECT: MINISCEONGE PARK

DATE OF COUNT: 09/03/08 DAY: WEDNESDAY JCE JOB #: 1540 START TIME: 16:30 **PM**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
PM PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
04:30 PM	04:45 PM	52	107	1	2	129	47	0	2	1	52	1	122	516	A	
04:45 PM	05:00 PM	59	131	0	0	137	40	0	0	1	57	1	114	540	A	
05:00 PM	05:15 PM	70	139	1	1	129	52	3	0	4	54	0	121	574	X	
05:15 PM	05:30 PM	85	154	2	1	131	40	3	2	1	50	1	118	588	X	2218
05:30 PM	05:45 PM	50	116	1	0	129	40	1	0	3	47	0	130	517	X	2219
05:45 PM	06:00 PM	74	150	0	0	126	33	0	0	2	61	1	117	564	X	2243
06:00 PM	06:15 PM	62	112	0	0	118	35	0	0	2	60	0	118	507	A	2176
06:15 PM	06:30 PM	39	132	1	2	127	26	3	1	6	73	0	128	538	A	2126
06:30 PM	06:45 PM													0	A	1609
06:45 PM	07:00 PM													0	A	1045
07:00 PM	07:15 PM													0	A	538
07:15 PM	07:30 PM													0	A	0
07:30 PM	07:45 PM													0	A	0
07:45 PM	08:00 PM													0	A	0
08:00 PM	08:15 PM													0	A	0
08:15 PM	08:30 PM													0	A	0

CALCULATED PEAK 15-MINUTE VOLUMES

04:30 PM	04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	05:15 PM	70	139	1	1	129	52	3	0	4	54	0	121	574
05:15 PM	05:30 PM	85	154	2	1	131	40	3	2	1	50	1	118	588
05:30 PM	05:45 PM	50	116	1	0	129	40	1	0	3	47	0	130	517
05:45 PM	06:00 PM	74	150	0	0	126	33	0	0	2	61	1	117	564
06:00 PM	06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM	07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 PM	08:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 PM	08:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

486	2	212	^	6	165
12	11	10	<	5	515
<	v	>	v	4	2
279	1	^	<	^	>
559	2	>	7	8	9
4	3	v	5	2	10

CALCULATED PEAK HOUR VOLUMES

PM PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
05:00 PM 06:00 PM	279	559	4	2	514	165	7	2	10	212	2	486	2243	0.959666
PHF BY MOVEMENT	0.82	0.91	0.50	0.50	0.98	0.77	0.58	0.25	0.63	0.87	0.50	0.93		
PHF BY APPROACH		0.87			0.94			0.68			0.78			

LOCATION: U.S. RTE 202 & BALSAM RD/CRYSTAL HILL CLUB PROJECT: MINISCEONGE PARK

DATE OF COUNT: 09/06/08 DAY: SATURDAY JCE JOB #: 1540 START TIME : 11:00

SAT

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
SAT PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
11:00 AM	11:15 AM	1	122	7	5	150	10	9	0	6	6	0	1	317	A	
11:15 AM	11:30 AM	2	143	11	6	152	15	12	0	5	10	0	1	357	A	
11:30 AM	11:45 AM	3	119	3	6	143	6	6	0	8	7	0	3	304	A	
11:45 AM	12:00 PM	2	138	8	4	140	7	4	0	4	14	0	1	322	X	1300
12:00 PM	12:15 PM	2	131	11	4	142	5	7	0	12	9	0	2	325	X	1308
12:15 PM	12:30 PM	1	139	7	9	151	14	10	0	14	8	2	0	355	X	1306
12:30 PM	12:45 PM	5	144	6	6	161	9	18	0	17	18	2	2	388	X	1390
12:45 PM	01:00 PM	3	146	4	4	108	7	3	0	4	4	0	3	286	A	1354
01:00 PM	01:15 PM	1	143	10	9	129	11	5	1	4	9	0	4	326	A	1355
01:15 PM	01:30 PM	8	128	6	0	135	7	5	0	5	7	0	2	303	A	1303
01:30 PM	01:45 PM	2	107	4	7	119	6	9	0	0	5	0	4	263	A	1178
01:45 PM	02:00 PM	1	121	5	4	122	7	4	0	6	8	0	4	282	A	1174
02:00 PM	02:15 PM	1	138	7	10	139	5	5	0	6	13	0	3	327	A	1175
02:15 PM	02:30 PM	0	129	5	6	143	12	5	0	6	5	0	6	317	A	1189
02:30 PM	02:45 PM	1	139	9	18	129	10	4	0	6	6	0	2	324	A	1250
02:45 PM	03:00 PM	2	115	8	4	114	10	5	2	4	11	0	1	276	A	1244

CALCULATED PEAK 15-MINUTE VOLUMES

11:00 AM	11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	12:00 PM	2	138	8	4	140	7	4	0	4	14	0	1	322
12:00 PM	12:15 PM	2	131	11	4	142	5	7	0	12	9	0	2	325
12:15 PM	12:30 PM	1	139	7	9	151	14	10	0	14	8	2	0	355
12:30 PM	12:45 PM	5	144	6	6	161	9	18	0	17	18	2	2	388
12:45 PM	01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM	01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM	02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

SAT PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
11:45 AM 12:45 PM	10	552	32	28	594	35	39	0	47	49	4	5	1390	0.895619
PHF BY MOVEMENT	0.50	0.95	0.73	0.64	0.92	0.63	0.54	#DIV/0!	0.69	0.68	0.50	0.63		
PHF AT APPROACH		0.95			0.93			0.63			0.66			

9	4	46	^	6	35
12	11	10	<	5	594
<	v	>	v	4	28
10	1	^	<	^	>
552	2	>	7	8	9
32	3	v	39	0	47

LOCATION: NYS ROUTE 45 & PALISADES PKWY NB ON RAMF PROJECT: MINISCEONGE PARK

DATE OF COUNT: 09/06/08 DAY: SATURDAY JCE JOB #: 1540 START TIME : 11:00 **SAT**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
SAT PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
11:00 AM	11:15 AM								95			59	15	169	A	
11:15 AM	11:30 AM								95			55	24	174	A	
11:30 AM	11:45 AM								86			68	28	182	A	
11:45 AM	12:00 PM								93			81	18	192	A	717
12:00 PM	12:15 PM								92			67	26	185	X	733
12:15 PM	12:30 PM								107			72	22	201	X	760
12:30 PM	12:45 PM								101			59	18	178	X	756
12:45 PM	01:00 PM								104			66	26	196	X	760
01:00 PM	01:15 PM								89			67	22	178	A	753
01:15 PM	01:30 PM								103			50	19	172	A	724
01:30 PM	01:45 PM								104			54	22	180	A	726
01:45 PM	02:00 PM								105			49	16	170	A	700
02:00 PM	02:15 PM								97			61	16	174	A	696
02:15 PM	02:30 PM								102			65	23	190	A	714
02:30 PM	02:45 PM								102			58	25	185	A	719
02:45 PM	03:00 PM								123			74	14	211	A	760

CALCULATED PEAK 15-MINUTE VOLUMES

11:00 AM	11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	12:15 PM	0	0	0	0	0	0	0	92	0	0	67	26	185
12:15 PM	12:30 PM	0	0	0	0	0	0	0	107	0	0	72	22	201
12:30 PM	12:45 PM	0	0	0	0	0	0	0	101	0	0	59	18	178
12:45 PM	01:00 PM	0	0	0	0	0	0	0	104	0	0	66	26	196
01:00 PM	01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM	02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

CALCULATED PEAK HOUR VOLUMES

SAT PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
12:00 PM	01:00 PM	0	0	0	0	0	0	0	404	0	0	264	92	760	0.945274
PHF BY MOVEMENT		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.94	#DIV/0!	#DIV/0!	0.92	0.88		
PHF BY APPROACH		#DIV/0!			#DIV/0!			0.94			0.96				

92	264	0	^	6	0
12	11	10	<	5	0
<	v	>	v	4	0
0	1	^	<	^	>
0	2	>	7	8	9
0	3	v	0	404	0

LOCATION: PALISADES NB OFF RAMP & THEILS MT. IVY ROA PROJECT: MINISCEONGO MIXED USE

DATE OF COUNT: 09/06/08 DAY: SATURDAY JCE JOB #: 1540 START TIME : 11:00 **SAT**

ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
SAT PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
11:00 AM	11:15 AM	43		21					61			93		218	A	
11:15 AM	11:30 AM	43		30					63			100		236	A	
11:30 AM	11:45 AM	54		30					75			116		275	A	
11:45 AM	12:00 PM	71		39					65			104		279	A	1008
12:00 PM	12:15 PM	67		42					66			113		288	X	1078
12:15 PM	12:30 PM	74		45					74			95		288	X	1130
12:30 PM	12:45 PM	40		47					73			89		249	X	1104
12:45 PM	01:00 PM	61		53					77			129		320	X	1145
01:00 PM	01:15 PM	50		36					51			73		210	A	1067
01:15 PM	01:30 PM	63		42					76			70		251	A	1030
01:30 PM	01:45 PM	55		34					74			96		259	A	1040
01:45 PM	02:00 PM	63		53					88			94		298	A	1018
02:00 PM	02:15 PM	54		46					75			64		239	A	1047
02:15 PM	02:30 PM	60		40					50			80		230	A	1026
02:30 PM	02:45 PM	62		45					72			79		258	A	1025
02:45 PM	03:00 PM	64		51					73			91		279	A	1006

CALCULATED PEAK 15-MINUTE VOLUMES

11:00 AM	11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	12:15 PM	67	0	42	0	0	0	0	66	0	0	113	0	288
12:15 PM	12:30 PM	74	0	45	0	0	0	0	74	0	0	95	0	288
12:30 PM	12:45 PM	40	0	47	0	0	0	0	73	0	0	89	0	249
12:45 PM	01:00 PM	61	0	53	0	0	0	0	77	0	0	129	0	320
01:00 PM	01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM	02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

0	426	0	^	6	0
12	11	10	<	5	0
<	v	>	v	4	0
242	1	^	<	^	>
0	2	>	7	8	9
167	3	v	0	290	0

CALCULATED PEAK HOUR VOLUMES

SAT PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
12:00 PM 01:00 PM	242	0	167	0	0	0	0	290	0	0	426	0	1145	0.894531
PHF BY MOVEMENT	0.84	#DIV/0!	0.88	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.94	#DIV/0!	#DIV/0!	0.83	#DIV/0!		
PHF BY APPROACH		0.90			#DIV/0!			0.94			0.85			

LOCATION: NYS ROUTE 45 & OLD ROUTE 202/PARK & RIDE PROJECT: MINISCEONGE PARK

DATE OF COUNT: 09/06/08 DAY: SATURDAY JCE JOB #: 1540 START TIME: 11:00 **SAT**

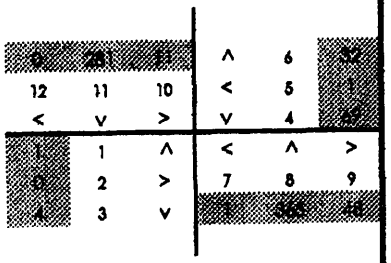
ENTER 15-MINUTE COUNT VOLUMES BY MOVEMENT

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND					
SAT PEAK HOUR		1	2	3	4	5	6	7	8	9	10	11	12	total		
11:00 AM	11:15 AM	0	2	1	12	1	12	1	83	12	0	63	0	187	A	
11:15 AM	11:30 AM	1	0	2	16	0	6	0	88	7	0	64	0	184	A	
11:30 AM	11:45 AM	1	0	1	20	0	11	0	69	10	2	62	0	176	A	
11:45 AM	12:00 PM	0	2	0	19	1	3	0	83	7	3	83	0	201	A	748
12:00 PM	12:15 PM	1	0	2	18	0	10	0	72	10	2	64	0	179	A	740
12:15 PM	12:30 PM	0	0	0	27	0	8	0	90	16	4	64	0	209	X	765
12:30 PM	12:45 PM	0	0	0	11	0	10	0	85	13	3	56	0	178	X	767
12:45 PM	01:00 PM	1	0	2	16	1	7	0	100	11	3	80	0	221	X	787
01:00 PM	01:15 PM	0	0	2	15	0	7	1	90	8	1	81	0	205	X	813
01:15 PM	01:30 PM	0	0	0	9	0	1	0	67	10	0	39	0	126	A	730
01:30 PM	01:45 PM	1	0	2	20	0	5	1	97	9	0	59	0	194	A	746
01:45 PM	02:00 PM	0	0	1	9	0	3	0	79	8	3	46	0	149	A	674
02:00 PM	02:15 PM	0	0	0	13	0	13	0	78	7	2	52	0	165	A	634
02:15 PM	02:30 PM	0	0	0	20	0	9	1	97	10	0	75	0	212	A	720
02:30 PM	02:45 PM	0	0	1	16	0	6	0	85	12	1	60	0	181	A	707
02:45 PM	03:00 PM	0	0	2	23	1	2	0	111	12	4	64	0	219	A	777

CALCULATED PEAK 15-MINUTE VOLUMES

11:00 AM	11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	12:30 PM	0	0	0	27	0	8	0	90	16	4	64	0	209
12:30 PM	12:45 PM	0	0	0	11	0	10	0	85	13	3	56	0	178
12:45 PM	01:00 PM	1	0	2	16	1	7	0	100	11	3	80	0	221
01:00 PM	01:15 PM	0	0	2	15	0	7	1	90	8	1	81	0	205
01:15 PM	01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM	02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

	CALCULATED PEAK HOUR VOLUMES													
SAT PEAK HOUR	1	2	3	4	5	6	7	8	9	10	11	12	total	PHF
12:15 PM 01:15 PM	1	0	4	69	1	32	1	369	48	11	281	0	813	0.919683
PHF BY MOVEMENT	0.25	#DIV/0!	0.50	0.64	0.25	0.80	0.25	0.91	0.75	0.69	0.87	#DIV/0!		
PHF BY APPROACH		0.42			0.74			0.93			0.88			



Appendix G

Correspondence from Rockland Department of Public Transportation

COUNTY OF ROCKLAND

DEPARTMENT OF PUBLIC TRANSPORTATION

The Dr. Robert L. Yeager Health Center
Building T
Pomona, New York 10970
(845) 364-2064
Fax. (845) 364-2074
www.rocklandgov.com
(Click on the bus)

C. SCOTT VANDERHOEF
County Executive

SALVATORE CORALLO
Commissioner

MICHAEL J. GURSKI
Transit Administrator

October 3, 2008

Mr. David Zigler
ATZL, SCATASSA & ZIGLER, P.C.
234 North Main Street
New City, New York 10956

Re: Minisceongo Park

Dear Mr. ~~Zigler~~ Dave:

Thank you for giving the Department of Public Transportation the opportunity to review the plans for the build out of Minisceongo Park. As long as the roads are configured for access by fire vehicles, buses should also be able to access the site

At this time, the Department of Public Transportation would propose running our Transport of Rockland (TOR) bus Route #95 which serves Haverstraw and Rockland Community College onto this site. TOR Route #95 transfers with these other TOR routes: TOR #59, #91, #93 #94, #97, Loop 3, and Ferry Xpress. I have enclosed copies of these schedules for your information.

We would request a dedicated passenger pick-up and discharge area somewhere along the curbside of Building B. This location provides safe maneuverability with the least amount of pedestrian and vehicular activity. We would also like a stop somewhere in the vicinity of the housing, but we are unsure whether there is a safe place in that vicinity.

We estimate ridership to be about 80 boarding and alighting per-day.

As an observation of the site plan, we note that sidewalks should be provided throughout the site to accommodate pedestrian traffic.

Again, thank you for he opportunity to review the plan. If you have any questions please contact me at (845) 364-2066.

Very truly yours

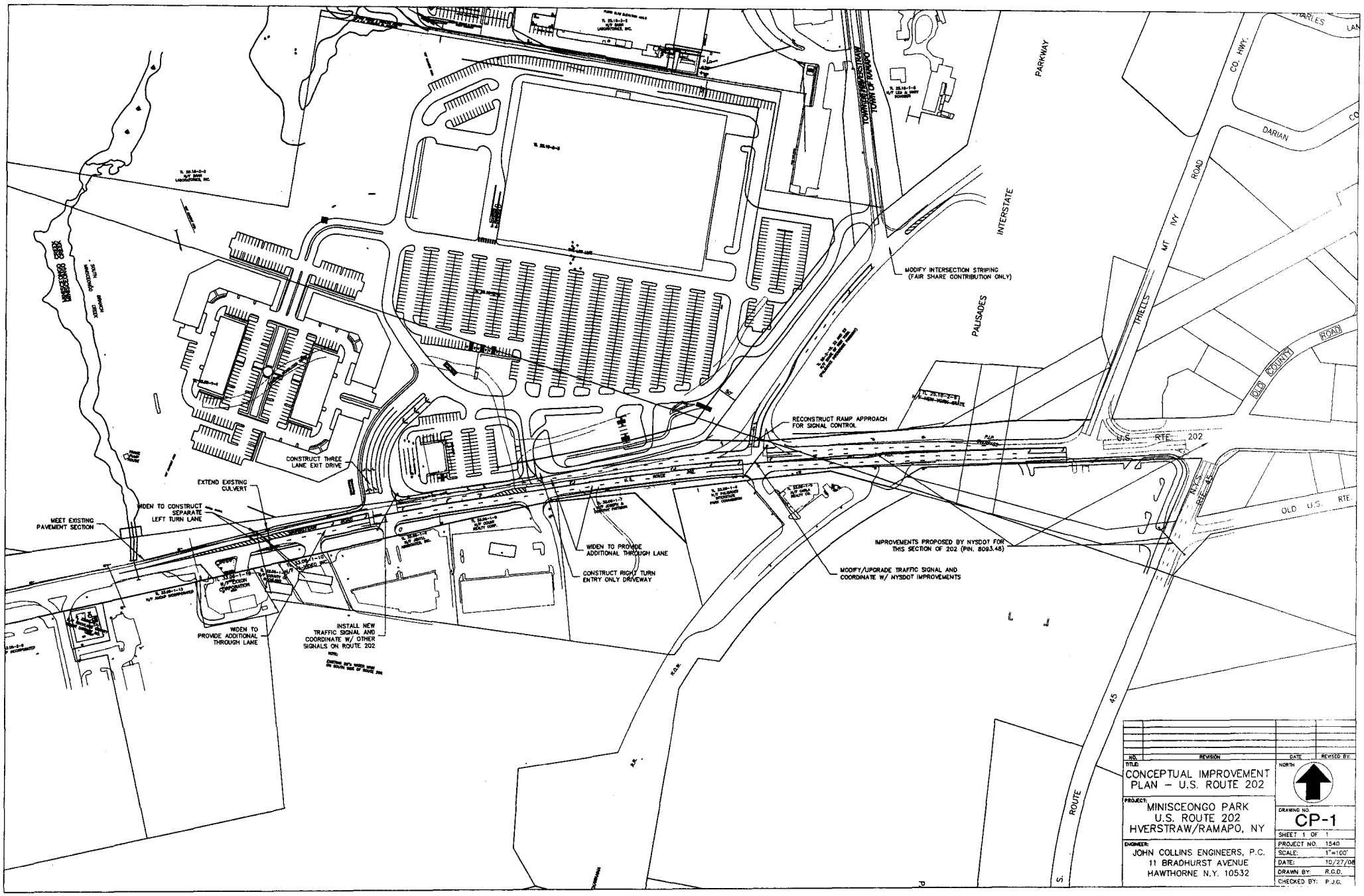
Michael J. Gurski
Transit Administrator

Copy: Patrick Gerdin, Principal Planner (Transportation)
Irwin G. Cohen, TDM Coordinator
Vincent Marzella Jr., Marketing Assistant

TRIPS.

Appendix H

Conceptual Roadway Improvement Plan



NO.	REVISION	DATE	REVISED BY:

TITLE:
CONCEPTUAL IMPROVEMENT PLAN – U.S. ROUTE 202

PROJECT:
MINISCEONGO PARK
U.S. ROUTE 202
HVERSTRAW/RAMAPO, NY

ENGINEER:
JOHN COLLINS ENGINEERS, P.C.
11 BRADHURST AVENUE
HAWTHORNE N.Y. 10532

NORTH

DRAWING NO.
CP-1

SHEET	1 OF 1
PROJECT NO.	1540
SCALE:	1"=100'
DATE:	10/27/06
DRAWN BY:	R.G.D.
CHECKED BY:	P.J.G.