



## State of New Jersey

DEPARTMENT OF TRANSPORTATION  
P.O. Box 600  
Trenton, New Jersey 08625-0600

CHRIS CHRISTIE  
*Governor*

JAMES S. SIMPSON  
*Commissioner*

KIM GUADAGNO  
*Lt. Governor*

July 25, 2012

The Honorable Brian C. Wahler  
Mayor, Piscataway Township  
455 Hoes Lane  
Piscataway, New Jersey 08854

Dear Mayor Wahler:

Thank you for your response to the letter of June 19, 2012 on behalf of the New Jersey Department of Transportation (NJDOT). In this regard, we have reviewed the certification of the Piscataway Township municipal engineer and we have determined that the certification is in compliance N.J.S.A. 39:4-8.14 (a) (3). As such, on behalf of the NJDOT, this letter serves as notification that the applicable intersections within Piscataway Township remain approved as part of New Jersey's Automated Enforcement Pilot Program. Accordingly, Piscataway Township may resume issuing violation notices at all authorized red light camera pilot program intersections.

Thank you for your anticipated cooperation and for your continued interest in traffic safety. Should you have any questions please feel free to contact me at 609-530-2600 or my RLR Program Manager, David Martin at 609-530-3717.

Sincerely,

A handwritten signature in cursive script that reads "Chris A. Barretts".

Chris A. Barretts  
Manager,  
Bureau of Traffic Engineering

**Scott Iannuzzo**

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**From:** chascarley@msn.com on behalf of Charles Carley [carley@delaware-raritan.com]  
**Sent:** Wednesday, July 11, 2012 2:45 PM  
**To:** david.martin@dot.state.nj.us  
**Cc:** charles.callari@atsol.com; Jaime Marangelli; Scott Iannuzzo  
**Subject:** Piscataway Twp, Middlesex Cty, RLRAE Program Certification Letter  
**Attachments:** Martin 01 (RLRAE Program).pdf

Dear Mr. Martin: Attached please find our recent certification letter relating to Piscataway Township intersections. Thank you, Charlie.

**Charles Carley, PE, PP, CME**  
**Delaware-Raritan Engineering, Inc.**  
200 Daniels Way, Suite 230  
Freehold, New Jersey 07728  
732/577-5547  
FAX 732/577-5548  
[carley@delaware-raritan.com](mailto:carley@delaware-raritan.com)

## Scott Iannuzzo

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**From:** chascarley@msn.com on behalf of Charles Carley [carley@delaware-raritan.com]  
**Sent:** Friday, June 29, 2012 2:30 PM  
**To:** david.martin@dot.state.nj.us; Scott Iannuzzo; riavone@piscatawaynj.org; Jaime Marangelli  
**Cc:** charles.callari@atsol.com; Administration Group  
**Subject:** RE: RLRAE Program Certification Letters  
**Attachments:** Iannuzzo 03 (NJDOT RLRAE Program).pdf; Iannuzzo 04 (NJDOT RLRAE Program).pdf; Iannuzzo 05 (NJDOT RLRAE Program).pdf; Iannuzzo 06 (NJDOT RLRAE Program).pdf; Iannuzzo 07 (NJDOT RLRAE Program).pdf; Iannuzzo 08 (NJDOT RLRAE Program).pdf; Iannuzzo 09 (NJDOT RLRAE Program).pdf; Iannuzzo 10 (NJDOT RLRAE Program).pdf; Iannuzzo 11 (NJDOT RLRAE Program).pdf; Iannuzzo 12 (NJDOT RLRAE Program).pdf; Iannuzzo 13 (NJDOT RLRAE Program).pdf

Dear Mr. Martin: Attached please find \*.pdf files for the respective certification letters. Thank you, Charlie.

**Charles Carley, PE, PP, CME**  
**Delaware-Raritan Engineering, Inc.**

200 Daniels Way, Suite 230  
Freehold, New Jersey 07728  
732/577-5547  
FAX 732/577-5548  
[carley@delaware-raritan.com](mailto:carley@delaware-raritan.com)

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Date: Thu, 28 Jun 2012 12:40:04 -0400  
From: [David.Martin@dot.state.nj.us](mailto:David.Martin@dot.state.nj.us)  
To: [siannuzzo@piscatawaynj.org](mailto:siannuzzo@piscatawaynj.org)  
CC: [Charles.Callari@atsol.com](mailto:Charles.Callari@atsol.com); [Carley@delaware-raritan.com](mailto:Carley@delaware-raritan.com); [AdministrationGroup@piscatawaynj.org](mailto:AdministrationGroup@piscatawaynj.org)  
Subject: Re: FW: RLRAE Program Certification Letters

Scott: I received the certs for all 6 Piscataway RLR authorized locations via snail mail. If you'd be so kind, please e-mail the certs that weren't included within the first message. When I get the green light to respond, I'll be including all the pertinent certs as attachments. I just want to be sure that somehow my response is misconstrued to only represent the 4 certs below. Much appreciated!

Dave

Dave Martin  
Supervising Engineer  
Bureau of Traffic Engineering  
Division of Highway and Traffic Design  
NJDOT  
PO Box 600  
Trenton, NJ 08625

Phone: 609-530-3717  
Fax: 609-530-2593

>>> Scott Iannuzzo <[siannuzzo@PISCATAWAYNJ.ORG](mailto:siannuzzo@PISCATAWAYNJ.ORG)> 6/22/2012 7:43 AM >>>

Dear David Martin,

The Piscataway Township Police Department has completed speed studies of each operational RLR controlled intersection. We forwarded these speed studies to our Township Engineer, Mr. Charles Carley. Mr. Carley inspected each intersection and completed certifications. Please see attached.

We expect to complete our speed studies for the remaining four intersections today and you should receive them shortly. These remaining four intersections are scheduled for construction within the next two weeks.

Mr. Carley will be forwarding you certified copies.

Please let me know if you need anything further from us to expedite the process. I can be reached via e-mail or at 732-562-2345.

Thank you.

Respectfully,

Lt. Scott Iannuzzo

Piscataway Police Traffic Safety Supervisor

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**From:** [chascarley@msn.com](mailto:chascarley@msn.com) [<mailto:chascarley@msn.com>] **On Behalf Of** Charles Carley

**Sent:** Thursday, June 21, 2012 4:13 PM

**To:** Scott Iannuzzo; Jaime Marangelli

**Subject:** RLRAE Program Certification Letters

Dear Lt. Iannuzzo: Attached please find our certification letters for the four (4) intersections you sent yesterday. I will inspect the intersections you sent over today and look to certify these tomorrow. Any questions, please call. Thanks, Charlie.

**Charles Carley, PE, PP, CME**

**Delaware-Raritan Engineering, Inc.**

200 Daniels Way, Suite 230

Freehold, New Jersey 07728

732/577-5547

FAX 732/577-5548

[carley@delaware-raritan.com](mailto:carley@delaware-raritan.com)

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**From:** [siannuzzo@PISCATAWAYNJ.ORG](mailto:siannuzzo@PISCATAWAYNJ.ORG)

**To:** [Carley@delaware-raritan.com](mailto:Carley@delaware-raritan.com)

**CC:** [TrafficSection@piscatawaynj.org](mailto:TrafficSection@piscatawaynj.org)

**Date:** Wed, 20 Jun 2012 10:35:52 -0400

**Subject:** V3 Compliance Letter - Piscataway

See attached latest from DOT.

Lt. Scott Iannuzzo

D & R

DELAWARE – RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T (732)577-5547  
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Monday, June 25, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Iannuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Stelton Road with Ethel Road  
RLR Approach - Stelton Road (Southbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Iannuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.


My inspection today found that the amber phase duration for southbound Stelton Road through the intersection is 5.0 seconds.

As demonstrated by the June 22, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from southbound Stelton Road is travelling at a speed of 36 miles per hour or less.

Therefore, the amber phase for southbound Stelton Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 3.5 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for southbound Stelton Road through its intersection with Ethel Road is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

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Monday, June 25, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Iannuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Stelton Road with South Washington Avenue  
RLR Approach - South Washington Avenue (Northbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Iannuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for northbound South Washington Avenue through the intersection is 4.0 seconds.

As demonstrated by the June 22, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from northbound South Washington Avenue is travelling at a speed of 40 miles per hour or less.

Therefore, the amber phase for northbound South Washington Avenue through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 4.0 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for northbound South Washington Avenue through its intersection with Stelton Road is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

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Monday, June 25, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Iannuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Stelton Road with South Washington Avenue  
RLR Approach - Stelton Road (Northbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Iannuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for northbound Stelton Road through the intersection is 4.5 seconds.

As demonstrated by the June 22, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from northbound Stelton Road is travelling at a speed of 43 miles per hour or less.

Therefore, the amber phase for northbound Stelton Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 4.5 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for northbound Stelton Road through its intersection with South Washington Avenue is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

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Monday, June 25, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Iannuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Stelton Road with Centennial Avenue  
RLR Approach - Stelton Road (Southbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Iannuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.


My inspection today found that the amber phase duration for southbound Stelton Road through the intersection is 4.5 seconds.

As demonstrated by the June 22, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from southbound Stelton Road is travelling at a speed of 37 miles per hour or less.

Therefore, the amber phase for southbound Stelton Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 3.5 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for southbound Stelton Road through its intersection with Centennial Avenue is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer



D & R

---

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Monday, June 25, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Iannuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - New Brunswick Avenue with Stelton Road  
RLR Approach - Stelton Road (Northbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Iannuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.


My inspection today found that the amber phase duration for northbound Stelton Road through the intersection is 3.5 seconds.

As demonstrated by the June 22, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from northbound Stelton Road is travelling at a speed of 34 miles per hour or less.

Therefore, the amber phase for northbound Stelton Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 3.0 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for northbound Stelton Road through its intersection with New Brunswick Avenue is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

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Monday, June 25, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Iannuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - New Brunswick Avenue with Stelton Road  
RLR Approach - Stelton Road (Southbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Iannuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for southbound Stelton Road through the intersection is 3.5 seconds.

As demonstrated by the June 22, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from southbound Stelton Road is travelling at a speed of 33 miles per hour or less.

Therefore, the amber phase for southbound Stelton Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 3.0 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for southbound Stelton Road through its intersection with New Brunswick Avenue is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

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Monday, June 25, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Iannuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - New Brunswick Avenue with Stelton Road  
RLR Approach - New Brunswick Avenue (Southbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Iannuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.


My inspection today found that the amber phase duration for southbound New Brunswick Avenue through the intersection is 4.5 seconds.

As demonstrated by the June 22, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from southbound New Brunswick Avenue is travelling at a speed of 32 miles per hour or less.

Therefore, the amber phase for southbound New Brunswick Avenue through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 3.0 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for southbound New Brunswick Avenue through its intersection with Stelton Road is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

DELAWARE – RARITAN ENGINEERING, INC.  
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Thursday, June 21, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Ianuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Centennial Avenue with Old New Brunswick Road  
RLR Approach - Centennial Avenue (Westbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Ianuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for westbound Centennial Avenue through the intersection is 5 seconds.

As demonstrated by the June 15, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal is travelling at a speed of 50 miles per hour or less.

Therefore, the amber phase for westbound Centennial Avenue through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 5 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for westbound Centennial Avenue through its intersection with Old New Brunswick Road is compliant with the RLRAE's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.



Charles Carley, PE, PP, CME  
Piscataway Township Engineer

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Thursday, June 21, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Ianuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Centennial Avenue with Old New Brunswick Road  
RLR Approach - Old New Brunswick Road (Southbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Ianuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for southbound Old New Brunswick Road through the intersection is 5 seconds.

As demonstrated by the June 15, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from southbound Old New Brunswick Road is travelling at a speed of 43 miles per hour or less.

Therefore, the amber phase for southbound Old New Brunswick Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 4.5 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for southbound Old New Brunswick Road through its intersection with Centennial Avenue is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.



Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

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Thursday, June 21, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Ianuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Centennial Avenue with South Randolphville Road  
RLR Approach - South Randolphville Road (Southbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Ianuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for southbound South Randolphville Road through the intersection is 5 seconds.

As demonstrated by the June 15, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from southbound South Randolphville Road is travelling at a speed of 46 miles per hour or less.

Therefore, the amber phase for southbound South Randolphville Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 4.5 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for southbound South Randolphville Road through its intersection with Centennial Avenue is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.



Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

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Thursday, June 21, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Ianuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Ethel Road with Stelton Road  
RLR Approach - Ethel Road (Westbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Ianuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for westbound Ethel Road through the intersection is 4 seconds.

As demonstrated by the June 15, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from westbound Ethel Road is travelling at a speed of 31 miles per hour or less.

Therefore, the amber phase for westbound Ethel Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 3.0 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for westbound Ethel Road through its intersection with Stelton Road is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.



Charles Carley, PE, PP, CME  
Piscataway Township Engineer



## State of New Jersey

DEPARTMENT OF TRANSPORTATION  
P.O. Box 600  
Trenton, New Jersey 08625-0600

CHRIS CHRISTIE  
*Governor*

JAMES S. SIMPSON  
*Commissioner*

KIM GUADAGNO  
*Lt. Governor*

**June 19, 2012**

The Honorable Brian C. Wahler  
Mayor, Piscataway Township  
455 Hoes Lane  
Piscataway, New Jersey 08854

Dear Mayor Wahler:

It has come to the attention of the New Jersey Department of Transportation (NJDOT) that the yellow clearance intervals for approaches controlled by Red Light Running (RLR) cameras, while meeting all accepted engineering practices as well as state and national safety standards, may not comply with the language found within the RLR legislation. The specific statute is N.J.S.A. 39:4-8.14 (a) (3), which requires a certification from the municipal engineer stating that the yellow time appropriately represents the speed of 85 percent of the vehicular traffic as it approaches the signal.

To assure full compliance with this statute, NJDOT requires Piscataway to conduct a speed study along every RLR camera-controlled approach to every authorized RLR traffic signal within the Township. Upon completion of these studies, the municipal engineer must submit to my attention a certification pursuant to N.J.S.A. 39:4-8.14 (a) (3). This certification must be received by this office within 45 days of the date of this letter, or no later than August 1, 2012.

The issuance of RLR citations is to cease immediately until NJDOT's receipt and approval of the municipal engineer's certification. These citations are to be held in abeyance pending NJDOT's determination as to whether the certification is compliant with the statute or not. If the certification is deemed to be acceptable, those citations held in abeyance, as well as subsequent RLR citations, can be issued to the violators.

Should the certification for these signals not be received by the noted deadline, or should the study reveal that the yellow time is not compliant with N.J.S.A. 39:4-8.14 (a) (3), the authorization to include the affected signals in the RLR Pilot Program will be rescinded.

Thank you for your anticipated cooperation and for your continued interest in traffic safety. Should you have any questions please feel free to contact me at 609-530-3717.

Sincerely,

David J. Martin  
Supervising Engineer, Bureau of Traffic Engineering  
RLR Program Manager





## State of New Jersey

DEPARTMENT OF TRANSPORTATION  
P.O. Box 600  
Trenton, New Jersey 08625-0600

CHRIS CHRISTIE  
*Governor*

JAMES S. SIMPSON  
*Commissioner*

KIM GUADAGNO  
*Lt. Governor*

**June 15, 2012**

The Honorable Brian C. Wahler  
Mayor, Piscataway Township  
455 Hoes Lane  
Piscataway, New Jersey 08854

Dear Mayor Wahler:

It has come to the attention of the New Jersey Department of Transportation (NJDOT) that the yellow clearance intervals for approaches controlled by Red Light Running (RLR) cameras, while meeting all accepted engineering practices as well as state and national safety standards, may not comply with the language found within the RLR legislation. The specific statute is NJSA 39:4-8.14 a (3), which requires a certification from the municipal engineer stating that the yellow time appropriately represents the speed of 85 percent of the vehicular traffic as it approaches the signal.

To assure full compliance with this statute, NJDOT requires Piscataway to conduct a speed study along every RLR camera-controlled approach to every authorized RLR traffic signal within the Township. Upon completion of these studies, the municipal engineer must submit to my attention a certification pursuant to 39:4-8.14 a (3). This certification must be received by this office within 45 days of the date of this letter, or no later than August 1, 2012.

Between the time you receive this letter until NJDOT's receipt and acknowledgment of the municipal engineer's certification, no RLR citations are to be issued. These citations are to be held in abeyance pending NJDOT's determination as to whether the certification is compliant with the statute or not. If the certification is deemed to be acceptable, those citations held in abeyance, as well as subsequent RLR citations, can be issued to the violators.

Should the certification not be received by the noted deadline, or should it reveal that the yellow time is not compliant with 39:4-8.14 a (3), the authorization to participate in the RLR Pilot Program will be rescinded.

Thank you for your anticipated cooperation and for your continued interest in traffic safety. Should you have any questions please feel free to contact me at 609-530-3717.

Sincerely,

David J. Martin  
Supervising Engineer, Bureau of Traffic Engineering  
RLR Program Manager

## Scott Iannuzzo

---

**To:** david.martin@dot.state.nj.us  
**Cc:** Administration Group; Charles Callari; Carley@delaware-raritan.com  
**Subject:** FW: RLRAE Program Certification Letters  
**Attachments:** Iannuzzo 06 (NJDOT RLRAE Program).pdf; Iannuzzo 05 (NJDOT RLRAE Program).pdf; Iannuzzo 04 (NJDOT RLRAE Program).pdf; Iannuzzo 03 (NJDOT RLRAE Program).pdf

Dear David Martin,

The Piscataway Township Police Department has completed speed studies of each operational RLR controlled intersection. We forwarded these speed studies to our Township Engineer, Mr. Charles Carley. Mr. Carley inspected each intersection and completed certifications. Please see attached.

We expect to complete our speed studies for the remaining four intersections today and you should receive them shortly. These remaining four intersections are scheduled for construction within the next two weeks.

Mr. Carley will be forwarding you certified copies.

Please let me know if you need anything further from us to expedite the process. I can be reached via e-mail or at 732-562-2345.

Thank you.

Respectfully,

Lt. Scott Iannuzzo

Piscataway Police Traffic Safety Supervisor

---

**From:** [chascarley@msn.com](mailto:chascarley@msn.com) [<mailto:chascarley@msn.com>] **On Behalf Of** Charles Carley

**Sent:** Thursday, June 21, 2012 4:13 PM

**To:** Scott Iannuzzo; Jaime Marangelli

**Subject:** RLRAE Program Certification Letters

Dear Lt. Iannuzzo: Attached please find our certification letters for the four (4) intersections you sent yesterday. I will inspect the intersections you sent over today and look to certify these tomorrow. Any questions, please call. Thanks, Charlie.

**Charles Carley, PE, PP, CME**  
**Delaware-Raritan Engineering, Inc.**

200 Daniels Way, Suite 230  
Freehold, New Jersey 07728  
732/577-5547  
FAX 732/577-5548  
[carley@delaware-raritan.com](mailto:carley@delaware-raritan.com)

---

**From:** [siannuzzo@PISCATAWAYNJ.ORG](mailto:siannuzzo@PISCATAWAYNJ.ORG)

**To:** [Carley@delaware-raritan.com](mailto:Carley@delaware-raritan.com)

**CC:** [TrafficSection@piscatawaynj.org](mailto:TrafficSection@piscatawaynj.org)

**Date:** Wed, 20 Jun 2012 10:35:52 -0400

**Subject:** V3 Compliance Letter - Piscataway

See attached latest from DOT.

Lt. Scott Iannuzzo

D & R

DELAWARE – RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T (732)577-5547  
F (732)577-5548

Thursday, June 21, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Ianuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Centennial Avenue with Old New Brunswick Road  
RLR Approach - Old New Brunswick Road (Southbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Ianuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for southbound Old New Brunswick Road through the intersection is 5 seconds.

As demonstrated by the June 15, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from southbound Old New Brunswick Road is travelling at a speed of 43 miles per hour or less.

Therefore, the amber phase for southbound Old New Brunswick Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 4.5 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for southbound Old New Brunswick Road through its intersection with Centennial Avenue is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.



Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

DELAWARE – RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T (732)577-5547  
F (732)577-5548

Thursday, June 21, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Ianuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Ethel Road with Stelton Road  
RLR Approach - Ethel Road (Westbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Ianuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for westbound Ethel Road through the intersection is 4 seconds.

As demonstrated by the June 15, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from westbound Ethel Road is travelling at a speed of 31 miles per hour or less.

Therefore, the amber phase for westbound Ethel Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 3.0 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for westbound Ethel Road through its intersection with Stelton Road is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

DELAWARE – RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T (732)577-5547  
F (732)577-5548

Thursday, June 21, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Ianuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Centennial Avenue with South Randolphville Road  
RLR Approach - South Randolphville Road (Southbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Ianuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.

My inspection today found that the amber phase duration for southbound South Randolphville Road through the intersection is 5 seconds.

As demonstrated by the June 15, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal from southbound South Randolphville Road is travelling at a speed of 46 miles per hour or less.

Therefore, the amber phase for southbound South Randolphville Road through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 4.5 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for southbound South Randolphville Road through its intersection with Centennial Avenue is compliant with the RLRAE Program's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer

D & R

DELAWARE – RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T (732)577-5547  
F (732)577-5548

Thursday, June 21, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn: Lieutenant Scott Ianuzzo

Re: Engineer's Certification of Signal Timing  
NJDOT Red Light Running Automated Enforcement (RLRAE) Program

Intersection - Centennial Avenue with Old New Brunswick Road  
RLR Approach - Centennial Avenue (Westbound)

Township of Piscataway, Middlesex County, NJ

Dear Lieutenant Ianuzzo:

This letter serves as certification that I have inspected the timing of amber phases at the subject intersection.


My inspection today found that the amber phase duration for westbound Centennial Avenue through the intersection is 5 seconds.

As demonstrated by the June 15, 2012 Roadway Traffic Survey conducted by your agency, at least 85 percent of the vehicular traffic approaching the signal is travelling at a speed of 50 miles per hour or less.

Therefore, the amber phase for westbound Centennial Avenue through this intersection meets the requirements of NJSA 39:4-8.14a(3), which states that the amber phase shall be at least 3 seconds if at least 85% of the vehicular traffic approaching the signal is travelling at a speed of 25 mph or less; and for each 5 mph increase in the 85<sup>th</sup> percentile speed of vehicular traffic above 30 mph, this minimum amber phase duration shall be increased by 0.5 second. Therefore, the required amber phase duration here is 5 seconds.

With all of the above in mind, this letter serves as my certification that the amber phase duration for westbound Centennial Avenue through its intersection with Old New Brunswick Road is compliant with the RLRAE's enabling legislation.

Very truly yours,  
DELAWARE – RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME  
Piscataway Township Engineer



## State of New Jersey

DEPARTMENT OF TRANSPORTATION  
P.O. Box 600  
Trenton, New Jersey 08625-0600

JON S. CORZINE  
*Governor*

KRIS KOLLURI  
*Commissioner*

December 1, 2008

Lt. Scott Iannuzzo  
Piscataway Township Police Department  
Traffic Division  
555 Sidney Road  
Piscataway, New Jersey 08854

Dear Lt. Iannuzzo:

Thank you for your application for the Red Light Running Automated Enforcement Program. The New Jersey Department of Transportation (NJDOT) is pleased to inform you that the following intersection(s) have been approved:

- South Randolphville Road and Centennial Ave
- Centennial Avenue and Old New Brunswick Road

As required under N.J.S.A. 39:4-8.14, a completed ordinance for the approved locations (see attached draft language) shall be submitted to the NJDOT prior to installation and operation of any monitoring systems.

A law enforcement official of your municipality shall review the recorded images produced by the traffic control signal monitoring system to determine whether there is sufficient evidence to conclude that a traffic control signal violation has occurred. If the law enforcement official finds sufficient evidence and deems it appropriate, he or she may issue a summons by completing and signing a Uniform Traffic Ticket (UTT), in accordance with New Jersey Court Rule 7:2-1(e). A law enforcement officer must issue the UTT within 30 days after commission of the traffic control signal violation. See N.J.S.A. 39:5-3. A UTT issued under a traffic control monitoring system shall be served by a law enforcement officer in accordance with New Jersey Court Rule 7:2-4. See, N.J.S.A. 39:4-8.15.

The purchase of equipment and/or services as they relate to the installation of the traffic control signal monitoring system is subject to the appropriate provisions of the Local Public Contracts Law, N.J.S.A. 40A:11-1, et seq., and the applicable rules and regulations. Depending on the local program, different procurement procedures may be used. If equipment is being purchased, the receipt of bids or the solicitation of

quotations, as appropriate to the cost, will be required. If services are being purchased (which could include the provision of equipment if it is part of a service contract), either the use of competitive contracting or the receipt of bids is required. If you have questions regarding the proper application of procurement requirements to the purchase and installation of a traffic control monitoring system, please call the New Jersey Department of Community Affairs, Division of Local Government Services at (609) 292-7842 or email to [lpcl@dca.state.nj.us](mailto:lpcl@dca.state.nj.us).

As stated in the application, approval of locations will require a yearly reporting requirement to the NJDOT. The following information will be needed for both the treated site(s) and the comparison site(s):

- yearly crash data as outlined in the application;
- yearly citation data as outlined in the application;
- any modifications, additions, or deletions to the intersection (signal timing, geometric improvements, signing, or pavement markings, resurfacing, pedestrian treatments) made after the installation of the monitoring system

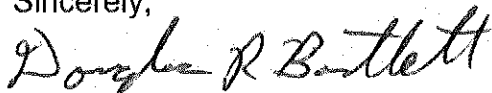
As the signals authorized for monitoring system include locations maintained by the NJDOT, a review of the current signal agreement has been initiated. If there are any revisions are required, staff will be reaching out to you with the specific details.

Also, the municipal engineer must submit a certified inspection report for each location every six (6) months. Please forward that information to the address below.

This information should be sent to NJDOT, RLR Program, P. O. Box 613, Trenton, NJ 08625-0613.

If you have any questions please contact me at 609-530-3717.

Sincerely,



Douglas R. Bartlett, Manager,  
Traffic Engineering & Investigations

C: Mayor Brian C. Wahler





## State of New Jersey

### DEPARTMENT OF TRANSPORTATION

P. O. Box 613

Trenton, New Jersey 08625-0613

JON S. CORZINE  
*Governor*

STEPHEN DILTS  
*Commissioner*

January 29, 2009

Lt. Scott Iannuzzo  
Piscataway Township Police Department  
Traffic Division  
555 Sidney Road  
Piscataway, New Jersey 08854

Dear Lt. Iannuzzo:

Thank you for your application for the Red Light Running Automated Enforcement Program. The New Jersey Department of Transportation (NJDOT) is pleased to inform you that the following additional intersection(s) have been approved:

- Ethel Road and Stelton Road
- Stelton Road and Washington Avenue

As required under N.J.S.A. 39:4-8.14, a completed ordinance for the approved locations (see attached draft language) shall be submitted to the NJDOT prior to installation and operation of any monitoring systems.

A law enforcement official of your municipality shall review the recorded images produced by the traffic control signal monitoring system to determine whether there is sufficient evidence to conclude that a traffic control signal violation has occurred. If the law enforcement official finds sufficient evidence and deems it appropriate, he or she may issue a summons by completing and signing a Uniform Traffic Ticket (UTT), in accordance with New Jersey Court Rule 7:2-1(e). A law enforcement officer must issue the UTT within 30 days after commission of the traffic control signal violation. See N.J.S.A. 39:5-3. A UTT issued under a traffic control monitoring system shall be served by a law enforcement officer in accordance with New Jersey Court Rule 7:2-4. See, N.J.S.A. 39:4-8.15.

The New Jersey Motor Vehicle Commission (MVC) provides online access to motor vehicle registration records. The current fee, subject to change, is \$4 per individual look up. Approved vendors must apply to the MVC by accessing the official form at <http://www.state.nj.us/mvcbiz/Records/CAIR.htm> or by calling 1-609-292-4572. Approved vendors will be required to enter into usage agreements directly with the MVC.

The purchase of equipment and/or services as they relate to the installation of the traffic control signal monitoring system is subject to the appropriate provisions of the Local Public Contracts Law, N.J.S.A. 40A:11-1, et seq., and the applicable rules and regulations. Depending on the local program, different procurement procedures may be used. If equipment is being purchased, the receipt of bids or the solicitation of quotations, as appropriate to the cost, will be required. If services are being purchased (which could include the provision of equipment if it is part of a service contract), either the use of competitive contracting or the receipt of bids is required. If you have questions regarding the proper application of procurement requirements to the purchase and installation of a traffic control monitoring system, please call the New Jersey Department of Community Affairs, Division of Local Government Services at (609) 292-7842 or email to [lpcl@dca.state.nj.us](mailto:lpcl@dca.state.nj.us).

As stated in the application, approval of locations will require a yearly reporting requirement to the NJDOT. The following information will be needed for both the treated site(s) and the comparison site(s):

- yearly crash data as outlined in the application;
- yearly citation data as outlined in the application;
- any modifications, additions, or deletions to the intersection (signal timing, geometric improvements, signing, or pavement markings, resurfacing, pedestrian treatments) made after the installation of the monitoring system

As the signals authorized for monitoring system include locations maintained by the NJDOT, a review of the current signal agreement has been initiated. If there are any revisions are required, staff will be reaching out to you with the specific details.

Also, the municipal engineer must submit a certified inspection report for each location every six (6) months. Please forward that information to the address below.

This information should be sent to NJDOT, RLR Program, P. O. Box 613, Trenton, NJ 08625-0613.

If you should have any questions please contact me at 609-530-3717.

Sincerely,



Douglas R. Bartlett, Manager,  
Traffic Engineering & Investigations

C: Mayor Brian C. Wahler



## State of New Jersey

DEPARTMENT OF TRANSPORTATION  
P.O. Box 600  
Trenton, New Jersey 08625-0600

JON S. CORZINE  
*Governor*

STEPHEN DILTS  
*Commissioner*

March 16, 2009

Lt. Scott Iannuzzo  
Piscataway Township Police Department  
Traffic Division  
555 Sidney Road  
Piscataway, New Jersey 08854

Dear Lt. Iannuzzo:

Thank you for your application for the Red Light Running Automated Enforcement Program. The New Jersey Department of Transportation (NJDOT) is pleased to inform you that the following additional intersection(s) have been approved:

- Stelton Road and Centennial Avenue
- New Brunswick Avenue and Stelton Road

As required under N.J.S.A. 39:4-8.14, a completed ordinance for the approved locations (see attached draft language) shall be submitted to the NJDOT prior to installation and operation of any monitoring systems.

A law enforcement official of your municipality shall review the recorded images produced by the traffic control signal monitoring system to determine whether there is sufficient evidence to conclude that a traffic control signal violation has occurred. If the law enforcement official finds sufficient evidence and deems it appropriate, he or she may issue a summons by completing and signing a Uniform Traffic Ticket (UTT), in accordance with New Jersey Court Rule 7:2-1(e). A law enforcement officer must issue the UTT within 30 days after commission of the traffic control signal violation. See N.J.S.A. 39:5-3. A UTT issued under a traffic control monitoring system shall be served by a law enforcement officer in accordance with New Jersey Court Rule 7:2-4. See, N.J.S.A. 39:4-8.15.

The New Jersey Motor Vehicle Commission (MVC) provides online access to motor vehicle registration records. The lookup fee for the duration of the Red Light Running Automated Enforcement Programs is \$2 per inquiry for overnight batch responses. Vendors must apply to the MVC by accessing the official form at [www.njmvc.gov/biz](http://www.njmvc.gov/biz) or by calling 1-609-292-4572. Vendors will be required to enter into usage agreements directly with the MVC.

The purchase of equipment and/or services as they relate to the installation of the traffic control signal monitoring system is subject to the appropriate provisions of the Local Public Contracts Law, N.J.S.A. 40A:11-1, et seq., and the applicable rules and regulations. Depending on the local program, different procurement procedures may be used. If equipment is being purchased, the receipt of bids or the solicitation of quotations, as appropriate to the cost, will be required. If services are being purchased (which could include the provision of equipment if it is part of a service contract), either the use of competitive contracting or the receipt of bids is required. If you have questions regarding the proper application of procurement requirements to the purchase and installation of a traffic control monitoring system, please call the New Jersey Department of Community Affairs, Division of Local Government Services at (609) 292-7842 or email to [lpcl@dca.state.nj.us](mailto:lpcl@dca.state.nj.us).

As stated in the application, approval of locations will require a yearly reporting requirement to the NJDOT. The following information will be needed for both the treated site(s) and the comparison site(s):

- yearly crash data as outlined in the application;
- yearly citation data as outlined in the application;
- any modifications, additions, or deletions to the intersection (signal timing, geometric improvements, signing, or pavement markings, resurfacing, pedestrian treatments) made after the installation of the monitoring system

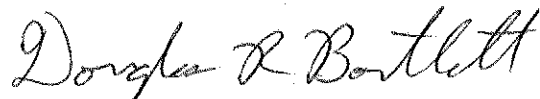
If the signals authorized for a monitoring system include locations maintained by the NJDOT, a review of the current signal agreement will be initiated. If there are any revisions required, staff will be reaching out to you with the specific details.

Also, the municipal engineer must submit a certified inspection report for each location every six (6) months. Please forward that information to the address below.

This information should be sent to NJDOT, RLR Program, P. O. Box 613, Trenton, NJ 08625-0613.

If you should have any questions please contact me at 609-530-3717.

Sincerely,



Douglas R. Bartlett, Manager,  
Traffic Engineering & Investigations

C: Mayor Brian C. Wahler  
455 Hoes Lane  
Piscataway, New Jersey 08854

# Application for Red Light Running Automated Enforcement Intersection Request

*New Jersey Department of Transportation*



## **Introduction**

As communities across the nation seek to address crashes associated with red light running, they are increasingly looking for additional tools to supplement their traditional overburdened enforcement resources. One of the safety tools many communities have employed is a Red Light Running (RLR) Automated Enforcement Program. RLR programs have been installed in municipalities in 24 states across this country. New York City has had a RLR program in place since 1993.

On January 13, 2008, Governor Jon Corzine signed into law, Assembly Bill 4314, requiring the Commissioner of Transportation to establish a five-year pilot program to determine the effectiveness of the installation and utilization of traffic control signal monitoring systems in New Jersey. A traffic control signal monitoring system (also known as a RLR system) is an integrated system or device utilizing a camera, or a multiple camera system, and vehicle sensors which work in conjunction with a traffic control signal to produce images of vehicles disregarding a red signal or "running a red light."

In support of Governor Corzine's request that the RLR program be implemented in a careful and deliberate manner, and that implementation be undertaken in a staged fashion, NJDOT has established that up to 12 jurisdictions may be approved for RLR programs during the first year of implementation.

This application process is intended to establish locations throughout New Jersey that have a demonstrated red light running history and that efforts such as engineering, enforcement and education have not shown to be effective in decreasing violations and/or crashes and that a traffic control signal monitoring system may be an effective tool to aid in increasing safety at these locations.

### **Candidate Location**

**See Attachment A**

**Intersection:**

**Proposed RLR Approach:**

**Municipality, County:** Piscataway Township, Middlesex County

**Contact Name:** Lt. Scott Iannuzzo

**E-mail:** [siannuzzo@piscatawaynj.org](mailto:siannuzzo@piscatawaynj.org)

Phone: 732-562-2345

Has the existing traffic signal at this location been approved by the Commissioner of the Department of Transportation?

Yes  
 No  
 attached

Year: see

*(As stated in the Legislation, only approved traffic signals are eligible for consideration for this program)*

**See Attachment B**

North-South Street

East-West Street

Peak Periods

Intersection

	NB			SB			EB			WB		
	L	T	R	L	T	R	L	T	R	L	T	R
Lanes												
Posted Speed (mph)												
<b>Peak Hour Volumes</b>												
7:00-9:00 AM												
11:00 AM-1:00 PM												
4:00-6:00 PM												
<b>Cycle Length (s)</b>												
7:00-9:00 AM												
11:00 AM-1:00 PM												
4:00-6:00 PM												
<b>Green Interval (s)</b>												
7:00-9:00 AM												
11:00 AM-1:00 PM												
4:00-6:00 PM												
<b>Yellow Interval (s)</b>												
<b>All-Red Interval (s)</b>												

Please provide on a separate sheet an image or diagram of the intersection location (bird's eye view) plus any relevant pictures of the intersection **and** a copy of the most recent signal timing plan. The image or diagram can be an LTS (local traffic signal)-type signal plan. **See Attachment F**

**Signal Timing Certification - See Attachment C**

A certification by the municipal engineer that (a) the intersection or intersections in question have a minimum duration of the amber light at the traffic control signal of 3 seconds if at least 85% of the vehicular traffic approaching the signal is traveling at a speed of 25 mph or less; and (b) for each five mile increase in the speed of vehicular traffic referred to in subparagraph (a) of this paragraph above 30 mph this minimum duration of the amber light shall be increased by  $\frac{1}{2}$  second.

**Crash Data**

See Attachment D

Provide the latest 3 years of crash data for the intersection.

(Numbers in ( ) are related to the fields on the NJTR-1; these have dropdown menus to choose the appropriate option – except for vehicle maneuver and type.) Make additional copies of this page for additional crashes.

	Crash 1	Crash 2	Crash 3	Crash 4	Crash 5
<b>Crash Date</b>					
<b>Crash Time</b>					
<b>Crash Day</b>	Mon	Mon	Mon	Mon	Mon
<b>Environmental Condition (103)</b>	01 Clear	01 Clear	01 Clear	01 Clear	01 Clear
<b>Light Condition (98)</b>	01 Daylight	01 Daylight	01 Daylight	01 Daylight	01 Daylight
<b>Crash Type</b>					
Right Angle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Left-Turn (2 vehicles turning)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Left-Turn (1 vehicle oncoming)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Same Dir. (rear end, straight ahead)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Same Dir. (rear end, while turning)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Dir. of Vehicular Travel (116, 117)</b>	01 North	01 North	01 North	01 North	01 North
<b>Vehicle Maneuver (124, 125)</b>					
<b>Crash Severity</b>	Fatal	Fatal	Fatal	Fatal	Fatal
<b>Vehicle Type (108, 109)</b>					



Please list any engineering/physical improvements that have been made to the intersection in the last 3 years.

**Citation Data**

**See Attachment E**

Please provide the number and types of citations written at this location over the past 3 years. [Example: 39:4-97]

	<b>Citation</b>	<b>Quantity</b>
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

**Comparison Sites**

It is important to understand the effect that a RLR system will have on the community's roadway network. It is hoped that even those intersections that do not have a RLR system treatment will experience a decrease in RLR behavior and subsequently crashes as well. Therefore, please identify comparison locations in the community that have similar characteristics as the proposed treatment site and complete the chart below:

**Comparison Intersection**      **South Washington Avenue and Centennial Avenue**  
**North-South Street**          **See Attachment B**

**East-West Street**  
**Peak Periods**

Comparison	NB			SB			EB			WB		
	L	T	R	L	T	R	L	T	R	L	T	R
<b>Lanes</b>												
<b>Posted Speed (mph)</b>												
<b>Peak Hour Volumes</b>												
7:00-9:00 AM												
11:00 AM-1:00 PM												
4:00-6:00 PM												
<b>Cycle Length (s)</b>												
7:00-9:00 AM												
11:00 AM-1:00 PM												
4:00-6:00 PM												
<b>Green Interval (s)</b>												
7:00-9:00 AM												
11:00 AM-1:00 PM												
4:00-6:00 PM												
<b>Yellow Interval (s)</b>												
<b>All-Red Interval (s)</b>												

Please provide on a separate sheet an image or diagram of the comparison site intersection (bird's eye view) plus any relevant pictures of the intersection **and** a copy of the most recent signal timing plan. The image or diagram can be an LTS (local traffic signal)-type signal plan.      **See Attachment F**



**Comparison Crash Data**

See Attachment D

Provide the latest 3 years of crash data for the comparison intersection(s).

(Numbers in ( ) are related to the fields on the NJTR-1; these have dropdown menus to choose the appropriate option – except for vehicle maneuver and type.) Make additional copies of this page for additional crashes.

	Crash 1	Crash 2	Crash 3	Crash 4	Crash 5
Crash Date					
Crash Time					
Crash Day	Mon	Mon	Mon	Mon	Mon
Environmental Condition (103)	01 Clear	01 Clear	01 Clear	01 Clear	01 Clear
Light Condition (98)	01 Daylight	01 Daylight	01 Daylight	01 Daylight	01 Daylight
Crash Type					
Right Angle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Left-Turn (2 vehicles turning)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Left-Turn (1 vehicle oncoming)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Same Dir. (rear end, straight ahead)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Same Dir. (rear end, while turning)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dir. of Vehicular Travel (116, 117)	01 North	01 North	01 North	01 North	01 North
Vehicle Maneuver (124, 125)					
Crash Severity	Fatal	Fatal	Fatal	Fatal	Fatal
Vehicle Type (108, 109)					

**Comparison Citation Data**

**See Attachment E**

Please provide the number and types of citations written at this location over the past 3 years. [Example: 39:4-97]

Citation	Quantity
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

**Additional Supporting Information**

Please add any additional information that would support this location as a candidate for the RLR program.

**Ordinance**

A municipal ordinance establishing the traffic control signal monitoring system is required by the Legislation. **See Attachment G**

If the proposed location(s) is a county roadway, a concurring resolution from the County is necessary. **See Attachment H**

**Reporting Requirements**

Approved intersections under this program will require submission of the following:

1. An inspection report of the RLR equipment for each location every six months, certified by the municipal engineer.
2. Yearly crash data as outlined above in the Crash Data section for both the treatment sites and comparison sites\*.
3. Yearly citation data as outlined above in the Citation Data section for both the treatment sites and comparison sites.
4. Any additions, deletions, modifications to the intersection (i. e. resurfacing; changes to the traffic signal; addition of signs; geometric improvements; pedestrian treatments; etc.) made after the approval of the RLR location.

Failure to submit required information/data in a timely manner (within 45-days of end of year or six month period noted above) will void NJDOT approval.

It is noted any revision or modification to the traffic signal timing, specifically a reduction in the duration of a yellow change interval, at an NJDOT approved traffic signal will void that approval, and by extension void NJDOT approval of the intersection as a RLR location pending re-approval and re-certification of the revision(s) by NJDOT.

\*Should a review of submitted crash data reveal an apparent increase in intersection crashes (specifically an increase in same-direction type crashes) at an approved RLR location, NJDOT may revoke the RLR approval after verification of the submitted crash data.

## Approval Process

Approval of RLR locations will be based upon the Federal Highway Administration's accepted methodologies reflected in the NJDOT Highway Safety Improvement Program. As such, crash criteria for candidate locations are to comport with applicable crash criteria of the NJDOT Intersection Improvement Program (IIP), Pedestrian Program (PP), Left Turn Crash Reduction Program (LTCRP), Right Angle Crash Reduction/Signalization Program (RACRP), and the Same Direction Crash Reduction Program (SDCRP).

Approval of RLR locations will also be based on a demonstrated red light running history as outlined in the data submitted for each proposed location and where previous engineering, enforcement, and education efforts have not corrected this situation.

Applications will be reviewed by the NJDOT, Division of Traffic Engineering & Safety and a response will be sent within 45 days of receipt.

Questions regarding the application may be submitted to: [RLR@dot.state.nj.us](mailto:RLR@dot.state.nj.us)

Application and supporting documentation should be submitted to:

New Jersey Department of Transportation  
Attn: Division of Traffic Engineering and Safety  
1035 Parkway Avenue  
Trenton, New Jersey 08625

**Checklist of items for submission:**

Proposed Intersection Information	x
Intersection Plan	x
Intersection Traffic Signal Timing & Certification	x
Comparison Site Information	x
Crash Data	x
Citation Data	x
Municipal Ordinance	x
County Concurrence (if applicable)	x



### Speed Limits for Each Approach

1. Stelton Road and Centennial Avenue  
(40mph) (40mph)
2. Stelton Road and S. Washington Avenue  
(40mph) (40mph)
3. Stelton Road and New Brunswick Avenue  
(40mph) (Northbound Approach-25mph)  
(Southbound Approach-35mph)
4. Stelton Road and Ethel Road  
(45mph) (Westbound Approach-25mph)  
(Eastbound Approach-35mph)
5. South Randolphville Rd. and Centennial Avenue  
(40mph) (Eastbound Approach-45mph)  
(Westbound Approach-40mph)
6. Old New Brunswick Rd. and Centennial Avenue  
(40mph) (45mph)
7. South Washington and Centennial Avenue (Comparison Site)  
(40mph) (40mph)

**PISCATAWAY TOWNSHIP POLICE DEPARTMENT  
TRAFFIC DIVISION  
555 SIDNEY ROAD  
PISCATAWAY, NEW JERSEY 08854**

*Lt. Scott Iannuzzo  
Supervisor  
(732) 562-2345*

Director Patricia Ott  
New Jersey Department of Transportation  
Attn: Division of Traffic Engineering and Safety  
1035 Parkway Avenue  
Trenton, New Jersey 08625

July 16, 2008

To Director Ott:

Attached please find Piscataway Township's completed application for Red Light Automated Enforcement Intersection Request.

In completing the application, I have referred to attachments rather than entering the data directly on the application. We are requesting the approval of six intersections plus one comparison intersection.

All requested data has been provided with the exception of the municipal engineer's certification which is pending. Piscataway Township uses an outside consultant as our Township Engineer. Our Traffic Engineer has prepared the documents and sent them to our consultant for certification. I expect to receive the certifications some time next week. I have attached these documents and will immediately forward the engineer's certification upon receipt.

Once you review the data, I believe that you will find that Piscataway Township is an ideal location to institute this pilot program. Piscataway Township is located in a heavily populated and highly industrialized area of northern Middlesex County. Our roads are very heavily traveled and we have a genuine problem of motorists running red lights. In 2007, there were approximately 1,600 crashes including 300 personal injury crashes injuring more than 400 people. Piscataway Police issued more than 12,000 summonses, approximately one-half of which were for hazardous violations.

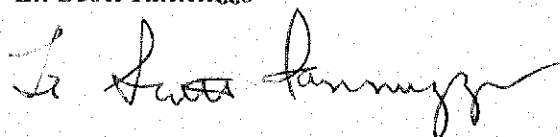
Thank you for your anticipated attention to this matter. Please feel free to contact me should you have any questions or need anything further. I can be reached at 732-562-2345. I will forward you the engineer's certification promptly. Thank you.

*August 7, 2008*

*We have received the municipal engineer's certification for each intersection's traffic signal timing. I have enclosed a copy of these certifications.*

*Thank you.*

*Lt. Scott Iannuzzo*



D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

TOWNSHIP OF PISCATAWAY

400-1-20

2008 AUG 5 PM 3 16

COMMUNITY DEVELOPMENT

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Stelton Road (CR529) with Centennial Avenue  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 4.0 seconds. As each leg of the intersection has a posted speed of 40 mph, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.



Charles Carley, PE, PP, CME

/CC

cc: John M. Donnelly, Piscataway Township Director of Community Development

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Stelton Road (CR529) with South Washington Avenue (CR665)  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 4.0 seconds. As each leg of the intersection has a posted speed of 40 mph, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/CC

cc: John M. Donnelly, Piscataway Township Director of Community Development

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

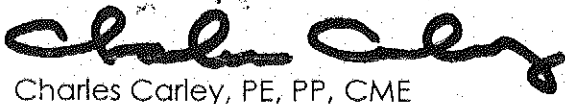
Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Stelton Road (CR529) with New Brunswick Avenue  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 4.0 seconds. The posted speed limit of Stelton Road here is 40 mph. The northbound approach of New Brunswick Avenue to the intersection has a posted speed of 25 mph while the southbound approach has a posted speed limit of 35 mph. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/CC  
cc: John M. Donnelly, Piscataway Township Director of Community Development

D & R

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T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Stelton Road (CR529) with Ethel Road  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 5.0 seconds. Stelton Road has a posted speed limit of 45 mph here. The westbound approach of Ethel Road to the intersection has a posted speed of 25 mph and the eastbound approach has a posted speed limit of 35 mph. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/CC

cc: John M. Donnelly, Piscataway Township Director of Community Development

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

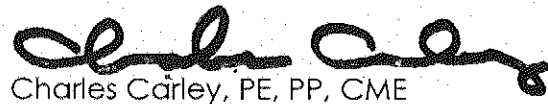
Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of South Randolphville Road with Centennial Avenue  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 5.0 seconds. South Randolphville has a posted speed limit of 40 mph here. The westbound approach of Centennial Avenue to the intersection has a posted speed of 40 mph and the eastbound approach has a posted speed limit of 45 mph. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/CC  
cc: John M. Donnelly, Piscataway Township Director of Community Development

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of South Washington Avenue (CR665) with Centennial Avenue  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 4.0 seconds. Both South Washington and Centennial Avenues have a posted speed limit of 40 mph here. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,

DELAWARE-RARITAN ENGINEERING, INC.



Charles Carley, PE, PP, CME

/CC

cc: John M. Donnelly, Piscataway Township Director of Community Development



D & R

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200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Old New Brunswick Road / Hoes Lane with Centennial Avenue  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 5.0 seconds. Old New Brunswick Road and Hoes Lane have posted speed limits of 40 mph here. Both legs of Centennial Avenue at the intersection have a posted speed limit of 45 mph. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/cc

cc: John M. Donnelly, Piscataway Township Director of Community Development



MUNICIPAL COMPLEX • PISCATAWAY, N.J. 08854

# TOWNSHIP OF PISCATAWAY

July 15, 2008

Delaware-Raritan Engineering, Inc.  
200 Daniels Way  
Suite 230  
Freehold, New Jersey 07728

Attention: Mr. Charles Carley, P.E.

**RE: Application for Red Light Running Automated Enforcement**

Dear Mr. Carley:

The Township is in the process of preparing a grant application for a traffic control monitoring system through the New Jersey Department of Transportation. One of the requirements of the application is a certification by the Municipal Engineer as to the duration of the amber light at the traffic control signal.

I have enclosed, for your use, page 3 of the application indicating the requirements of the certification as well as the plans and the timing schedules for the intersections which are the subject of the grant. In addition, I have enclosed page 13 of the application which indicates the speed limits for each approach of the intersections in question.

I would ask that you review the enclosed and provide a certification for each of the signals. The certification can be done as one certification for all intersections or as separate certifications. I would ask that you designate the signal timing certifications as "Attachment C".

Kindly supply these certifications at your earliest convenience and bill the Township as appropriate.

Sincerely,

  
John M. Donnelly  
Director of Community Development

JMD:bd

Enclosure

cc: Lt. Scott Ianuzzo

ORDINANCE NO. 08- 16

**ORDINANCE TO ESTABLISH A  
TRAFFIC CONTROL SIGNAL MONITORING SYSTEM  
IN THE TOWNSHIP OF PISCATAWAY,  
COUNTY OF MIDDLESEX, STATE OF NEW JERSEY.**

**WHEREAS**, by P.L. 2007, Chapter 348 (the "Act"), the Legislature of the State of New Jersey has determined that the installation of a traffic control signal monitoring system by municipalities complementing local law enforcement could serve as an effective tool in encouraging drivers to observe and obey traffic control devices at intersections, thereby increasing traffic flow and pedestrian safety; and

**WHEREAS**, the Township of Piscataway is desirous of installing traffic control signal monitoring systems at various intersections within the Township of Piscataway; and

**WHEREAS**, the Township of Piscataway has determined that adoption of the Ordinance is in the best interests of the health, safety and welfare of the Township and its residents.

**NOW, THEREFORE, BE IT ORDAINED** by the Township Council of the Township of Piscataway, County of Middlesex, State of New Jersey as follows:

**Section 1. Installation.**

(a) The Township of Piscataway hereby determines to install and utilize a traffic control signal monitoring system ("System") at various intersections within the Township of Piscataway as approved by the Commissioner of Transportation pursuant to the Act.

(b) The System to be purchased and installed shall be approved by the Township Council by subsequent resolution.

(c) The Township shall have the authority to enter into a contract, following a lawful procurement process, for the installation of the System.

(d) The signs notifying drivers that a System is being utilized shall be approved by the Township Engineer, and shall be placed on each street converging into the affected intersection as required by the Act.

(e) The Township Engineer shall inspect and certify the System at least once every six (6) months from the date of its installation.

**Section 2. Issuance of a Summons.**

The Police Department of the Township of Piscataway shall review the recorded images produced by the System, to determine whether sufficient evidence exists demonstrating that a traffic control signal violation has occurred and shall issue a Summons when appropriate in accordance with the rules of the Court.

**Section 3. Use of Recorded Images.**

(a) Except as otherwise provided in this section, the recorded images produced by the System shall be available for the exclusive use of the Police Department for the purpose of discharging his or her duties under P.L. 2007, Ch. 384.

(b) Any recorded image or information produced in connection with the System shall not be deemed a public record under N.J.S.A. 47:1A-1 et seq., or common law. The recorded images shall not be:

(i) discoverable as a public record by any person, entity, or governmental agency, except upon a subpoena issued by a grand jury or a court order in a criminal matter; or

(ii) offered as evidence in any civil or administrative proceeding not directly related to a traffic control signal violation.

(c) Any recorded image or information collected in connection with a traffic control signal violation shall not be retained after sixty (60) days following the collection of any fine or penalty.

(d) If a summons is not issued within forty (40) business days following the traffic control signal violation, all recorded images and any information collected with respect to the traffic control signal violation shall be removed by the Township's vendor which manages the System within two (2) business days.

(e) The Township of Piscataway shall certify compliance of this section of this Ordinance by filing a report with the New Jersey Commissioner of Transportation in accordance with the Act.

#### **Section 4. Owner's Liability.**

The liability of the owner and operator of a motor vehicle for a traffic control signal violation summons issued pursuant to the System shall be joint subject to provisions of the Act.

#### **Section 5. Fines.**

Any person liable for a traffic control signal violation, pursuant to this ordinance and the Act, utilizing the System shall be subject to the following fines:

Violation      \$85.00 to \$200.00

Late Fee      \$ 5.00 per month.

#### **Section 6. Repealer.**

All ordinances or parts of ordinances inconsistent or in conflict with this ordinance are hereby repealed as to said inconsistencies and conflicts.

**Section 7. Severability.**

If any section, part of any section, or clause or phrase of this ordinance is for any reason held to be invalid or unconstitutional, such decision shall not affect the remaining provisions of this Ordinance, and each section and subsection thereof, irrespective of the fact that any one or more of the subsections, sentences, clauses or phrases may be declared unconstitutional or invalid.

**Section 8. Effective Date.**

This Ordinance shall take effect immediately upon passage and publication according to law.


  
\_\_\_\_\_  
KENNETH ARMWOOD, Council President

Attest:

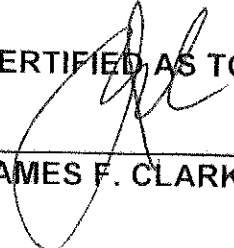
  
\_\_\_\_\_  
ANN NOLAN, Township Clerk

Adopted, First Reading: \_\_\_\_\_  
Publication Date: \_\_\_\_\_

Adopted, Second Reading: April 22, 2008.  
Publication Date: April 26, 2008.

  
\_\_\_\_\_  
BRIAN C. WAHLER, Mayor

Date: 4/25/08

CERTIFIED AS TO FORM AND LEGALITY:  
  
\_\_\_\_\_  
JAMES F. CLARKIN III, ESQ., Director of Law

**STATEMENT OF PURPOSE**

The purpose of this ordinance is to establish a traffic control signal monitoring program within the Township of Piscataway.

**Township of Piscataway**  
**Red Light Running Intersection Request**

**Identified Intersections**

- |    |  |                        |
|----|--|------------------------|
| 1. | Stelton Road and Centennial Avenue:                                  | Four Way Intersection  |
| 2. | Stelton Road and Washington Avenue:                                  | Three Way Intersection |
| 3. | Stelton Road and New Brunswick Avenue:                               | Four Way Intersection  |
| 4. | Stelton Road and Ethel Avenue:                                       | Four Way Intersection  |
| 5. | South Randolphville Rd. and Centennial Avenue:                       | Four Way Intersection  |
| 6. | Old New Brunswick and Centennial Avenue:                             | Four Way Intersection  |
| 7. | South Washington and Centennial Avenue:<br>(comparison intersection) | Four Way Intersection  |



B

Axis Violation Incident Monitoring System  
Site Data Report



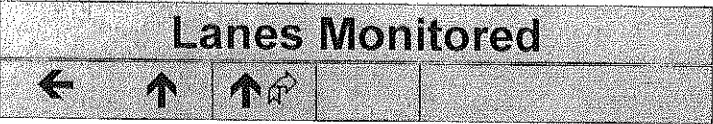
Piscataway, NJ EB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Old New Brunswick Rd / Hoes Ln
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08
Installation Day of Week	Wed
Installation Time	7:17 AM
De-installation Date	22-Apr-08
De-installation Time	Tue 4:00 PM
Total Operational Hours	23-Apr-08 11:22 AM 22-Apr-08 8:07 PM 8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



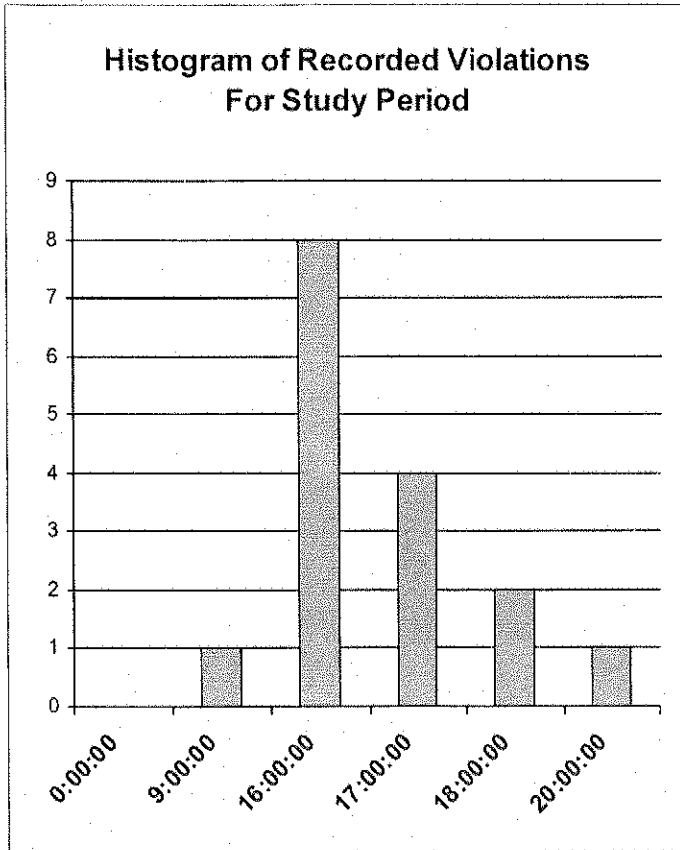
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
 Site Data Report



*Piscataway, NJ EB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
9:00:00	0	1	0	1
16:00:00	0	8	0	8
17:00:00	0	4	0	4
18:00:00	0	2	0	2
20:00:00	1	0	0	1
<b>Total</b>	<b>1</b>	<b>15</b>	<b>0</b>	<b>16</b>



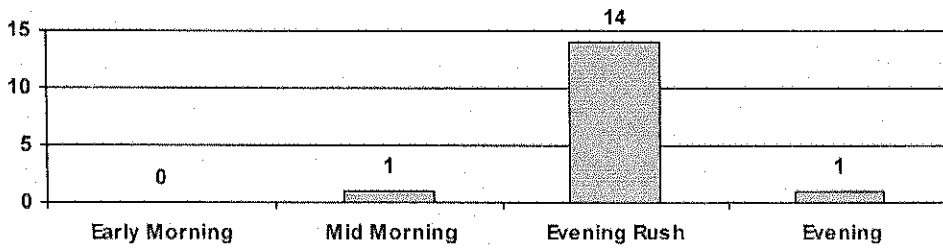
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ EB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report

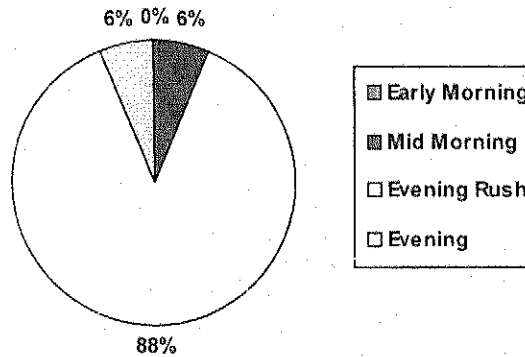
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	1	0	1
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	14	0	14
Evening Hours -- 07:01 PM to 11:59 PM	1	0	0	1
<b>Total</b>	<b>1</b>	<b>15</b>	<b>0</b>	<b>16</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	6%	0%	6%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	88%	0%	88%
Evening Hours -- 07:01 PM to 11:59 PM	6%	0%	0%	6%
<b>Total</b>	<b>6%</b>	<b>94%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report

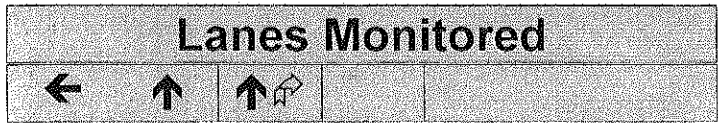
VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Old New Brunswick Rd / Hoes Ln
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	
Installation Day of Week	23-Apr-08      22-Apr-08
Installation Time	Wed              Tue
De-installation Date	7:23 AM          4:09 PM
De-installation Time	23-Apr-08      22-Apr-08
Total Operational Hours	11:28 AM      8:16 PM
	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

cant see left turn arrow for pm tape scathed lense from 4:09-7:38pm

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



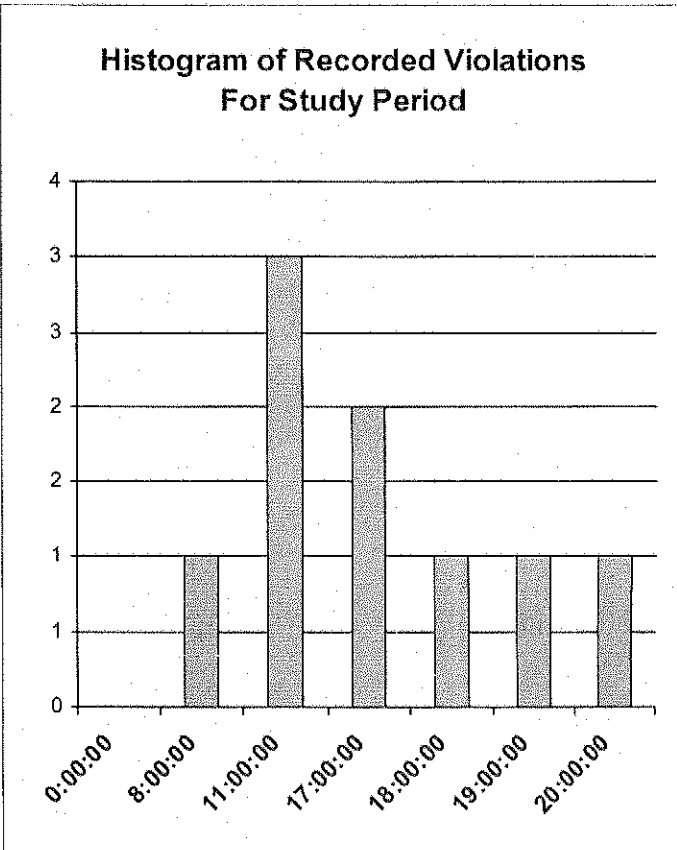
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ WB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
8:00:00	0	1	0	1
11:00:00	1	2	0	3
17:00:00	0	2	0	2
18:00:00	0	1	0	1
19:00:00	0	1	0	1
20:00:00	0	1	0	1
<b>Total</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>9</b>



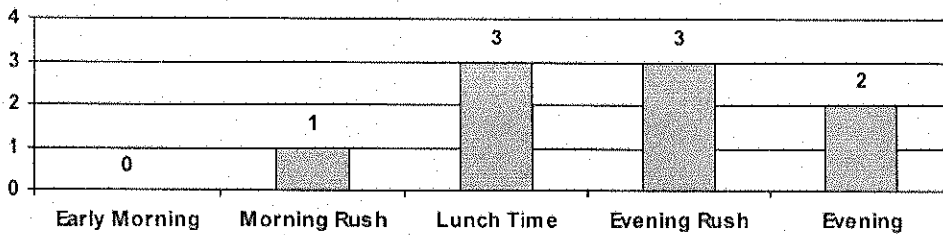
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report**

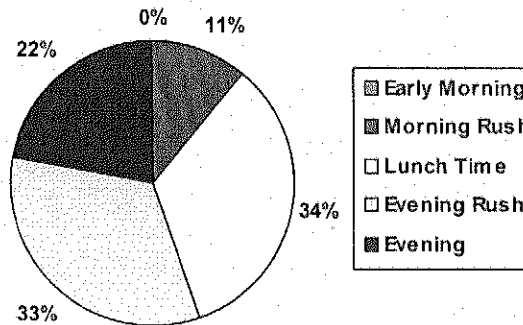
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	1	0	1
Lunch Time Hours -- 11:01 AM to 02:00 PM	1	2	0	3
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	3	0	3
Evening Hours -- 07:01 PM to 11:59 PM	0	2	0	2
<b>Total</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>9</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	11%	0%	11%
Lunch Time Hours -- 11:01 AM to 02:00 PM	11%	22%	0%	33%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	33%	0%	33%
Evening Hours -- 07:01 PM to 11:59 PM	0%	22%	0%	22%
<b>Total</b>	<b>11%</b>	<b>89%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ EB Centennial Ave @ S Randolphville Rd VIMS report

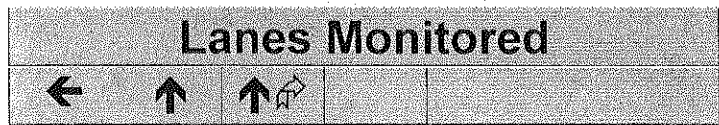
VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ S Randolphville Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	06-May-08 23-Apr-08
Installation Day of Week	Tue Wed
Installation Time	7:23 AM 2:49 PM
De-installation Date	06-May-08 23-Apr-08
De-installation Time	11:28 AM 6:55 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

hard to see left turn light for pm tape.

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



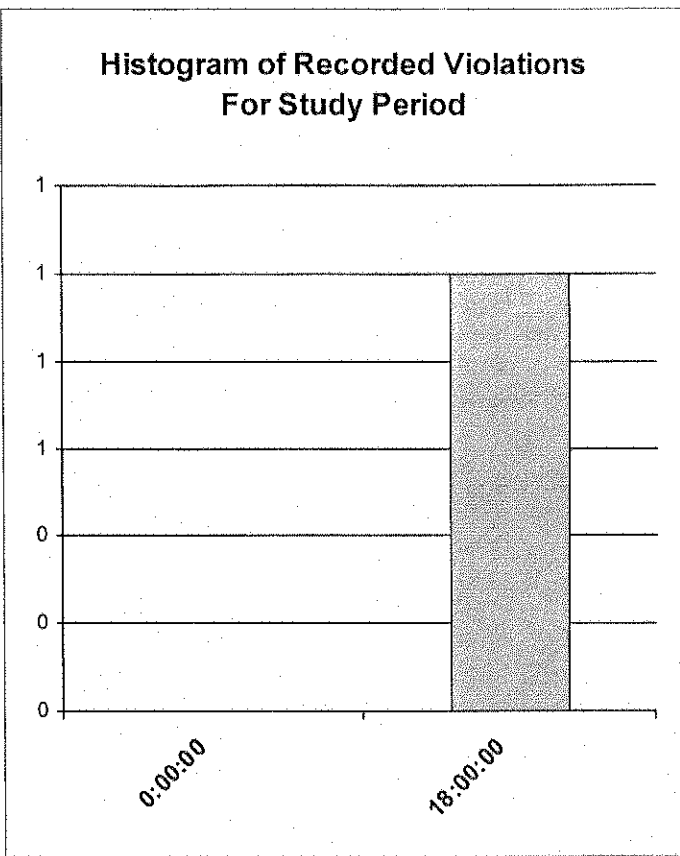
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ EB Centennial Ave @ S Randolphville Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
18:00:00	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>





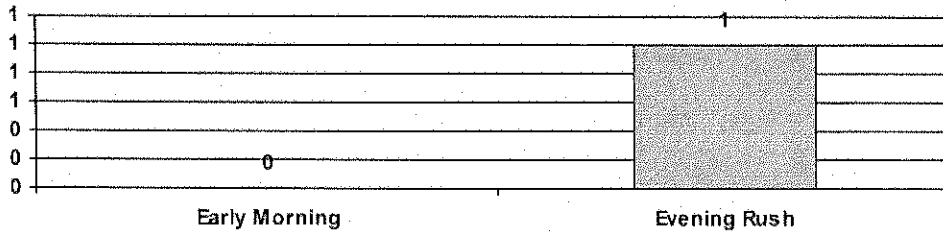
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ EB Centennial Ave @ S Randolphville Rd VIMS report

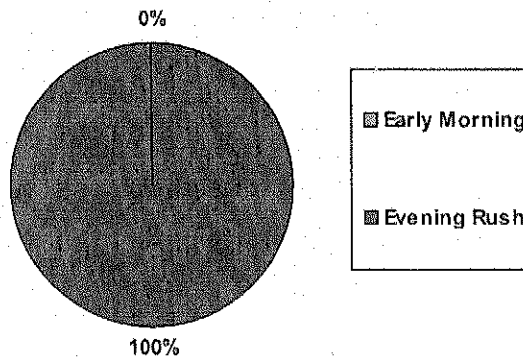
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



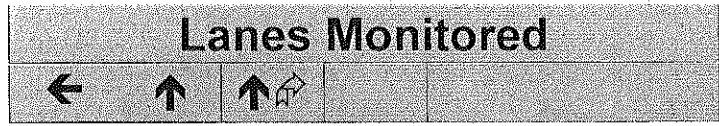
**Piscataway, NJ WB Centennial Ave @ S Randolphville Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ S Randolphville Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08      22-Apr-08
Installation Day of Week	Wed              Tue
Installation Time	7:37 AM          2:52 PM
De-installation Date	23-Apr-08      22-Apr-08
De-installation Time	11:43 AM        6:55 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



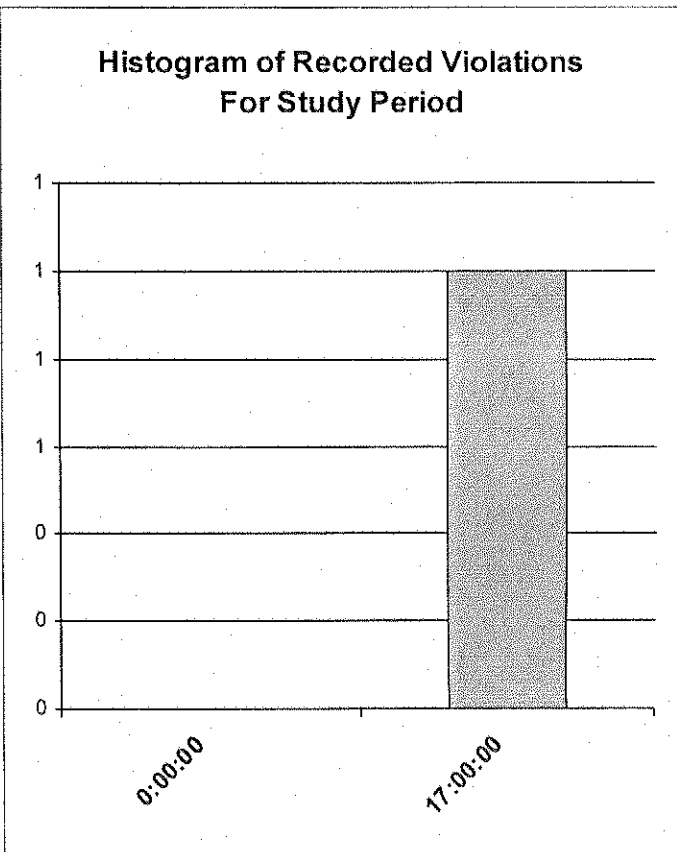
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Centennial Ave @ S Randolphville Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
17:00:00	0	1	0	1
Total	0	1	0	1



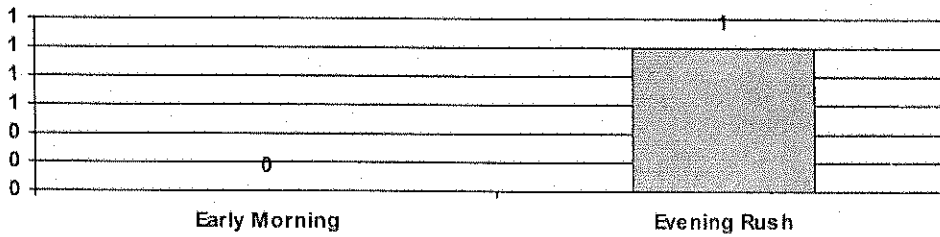
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Centennial Ave @ S Randolphville Rd VIMS report

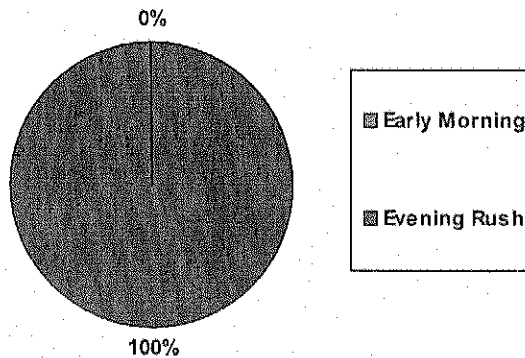
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



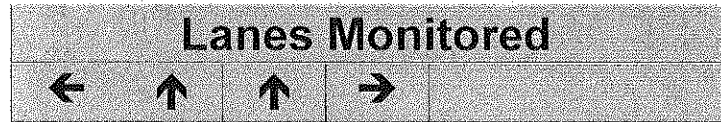
**Piscataway, NJ EB Centennial Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      05-May-08
Installation Day of Week	Tue              Mon
Installation Time	7:21 AM        3:08 PM
De-installation Date	06-May-08      05-May-08
De-installation Time	11:27 AM       7:14 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



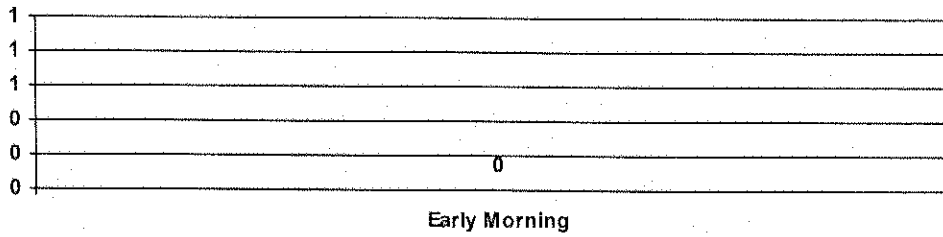
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	



Piscataway, NJ EB Centennial Ave @ Stelton Rd VIMS report

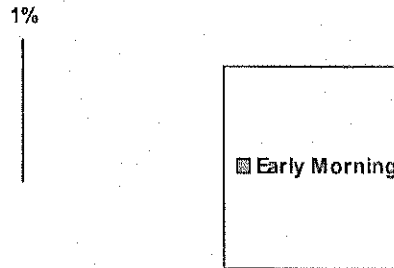
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



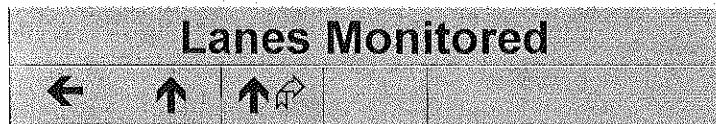
**Piscataway, NJ WB Centennial Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      06-May-08
Installation Day of Week	Tue              Tue
Installation Time	6:34 AM        3:09 PM
De-installation Date	06-May-08      06-May-08
De-installation Time	10:41 AM       7:16 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

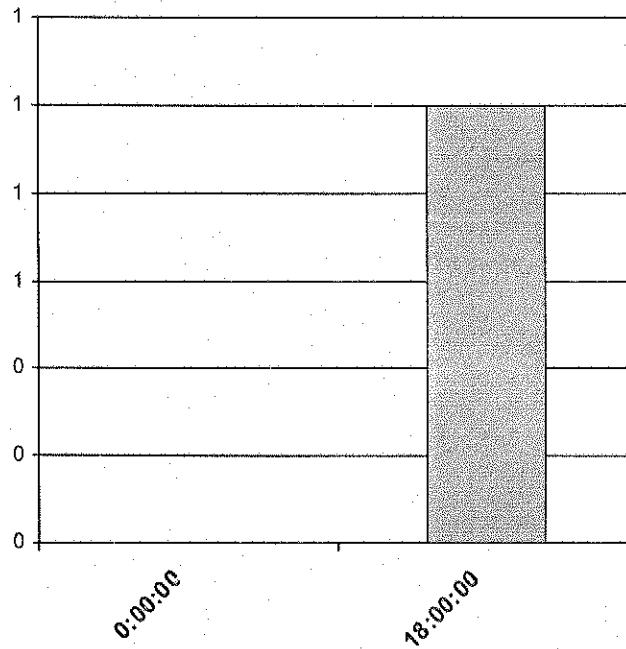
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Centennial Ave @ Stelton Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
18:00:00	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

Histogram of Recorded Violations  
For Study Period





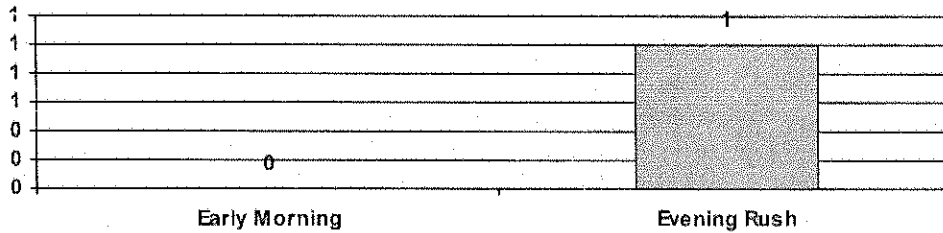
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Centennial Ave @ Stelton Rd VIMS report**

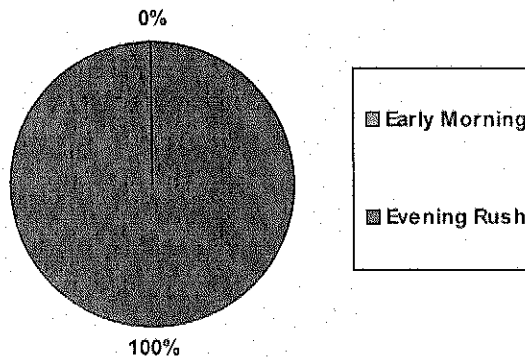
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



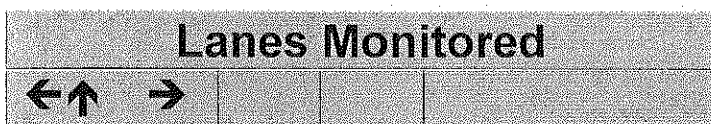
**Piscataway, NJ EB Ethel Rd W @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Ethel Rd W @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	09-May-08      08-May-08
Installation Day of Week	Fri                      Thu
Installation Time	6:28 AM              2:38 PM
De-installation Date	09-May-08      08-May-08
De-installation Time	10:35 AM          6:44 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



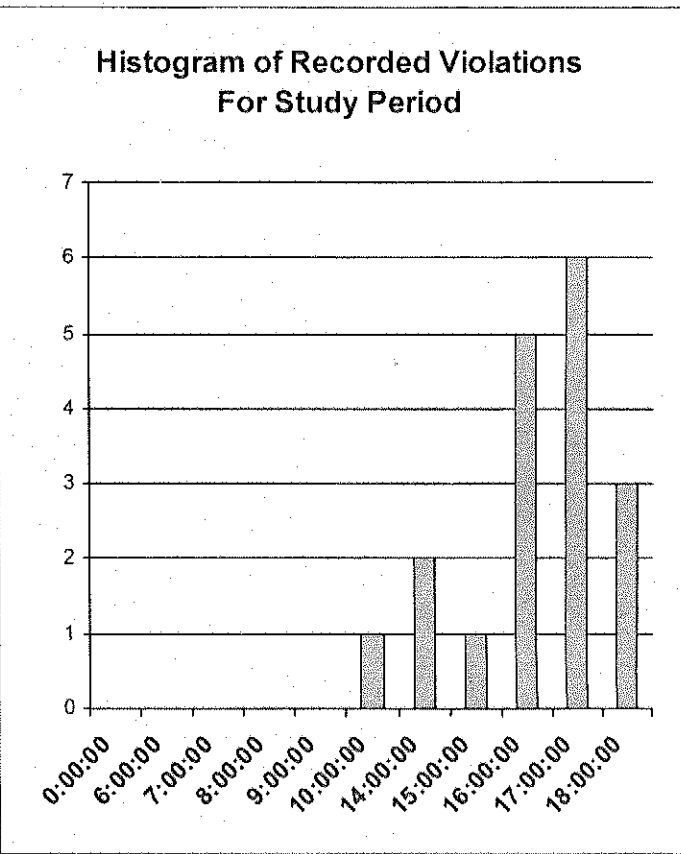
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB Ethel Rd W @ Stelton Rd VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	1	0	0	1
14:00:00	0	2	0	2
15:00:00	0	1	0	1
16:00:00	0	4	1	5
17:00:00	1	5	0	6
18:00:00	0	3	0	3
<b>Total</b>	<b>2</b>	<b>15</b>	<b>1</b>	<b>18</b>



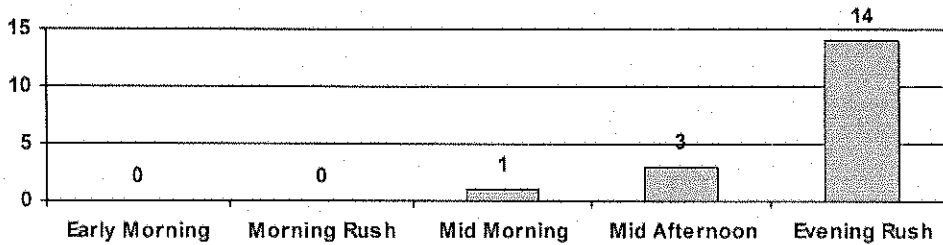
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB Ethel Rd W @ Stelton Rd VIMS report**

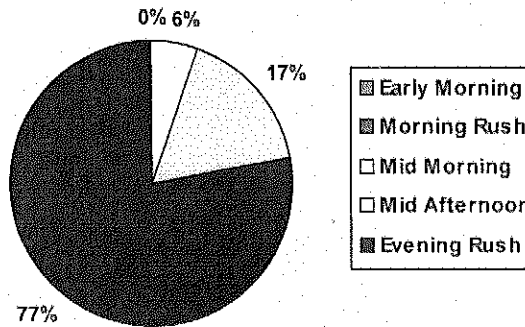
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	1	0	0	1
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	3	0	3
Evening Rush Hours -- 04:01 PM to 07:00 PM	1	12	1	14
<b>Total</b>	<b>2</b>	<b>15</b>	<b>1</b>	<b>18</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	6%	0%	0%	6%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	17%	0%	17%
Evening Rush Hours -- 04:01 PM to 07:00 PM	6%	67%	6%	78%
<b>Total</b>	<b>11%</b>	<b>83%</b>	<b>6%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



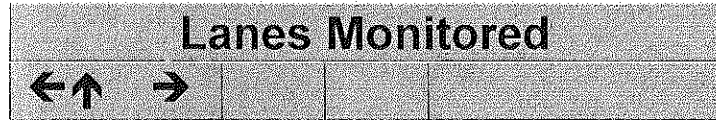
**Piscataway, NJ WB Ethel Rd W @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Ethel Rd W @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	09-May-08      08-May-08
Installation Day of Week	Fri              Thu
Installation Time	6:19 AM        2:31 PM
De-installation Date	09-May-08      08-May-08
De-installation Time	10:26 AM       6:37 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



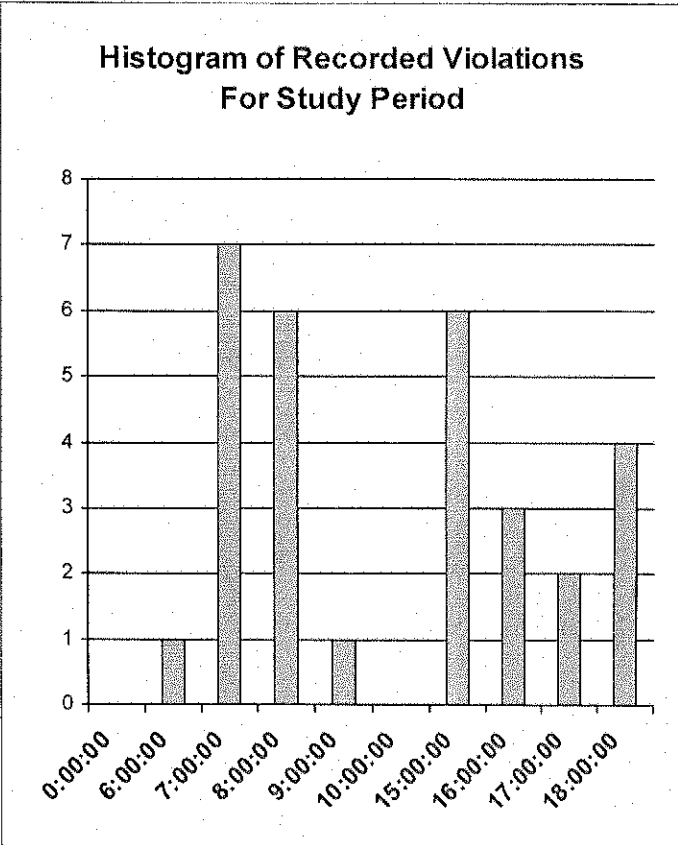
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Ethel Rd W @ Stelton Rd VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	1	0	0	1
7:00:00	4	3	0	7
8:00:00	1	5	0	6
9:00:00	0	1	0	1
10:00:00	0	0	0	0
15:00:00	1	5	0	6
16:00:00	1	2	0	3
17:00:00	0	2	0	2
18:00:00	3	1	0	4
<b>Total</b>	<b>11</b>	<b>19</b>	<b>0</b>	<b>30</b>



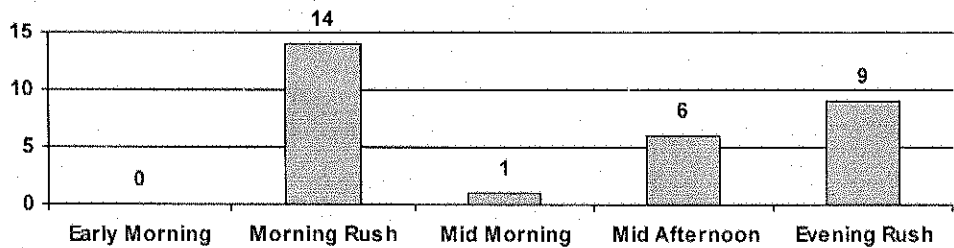
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Ethel Rd W @ Stelton Rd VIMS report

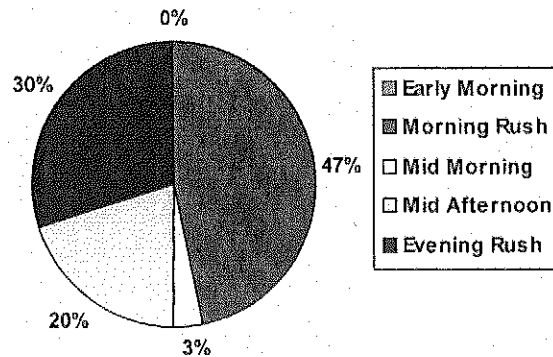
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	6	8	0	14
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	1	0	1
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	1	5	0	6
Evening Rush Hours -- 04:01 PM to 07:00 PM	4	5	0	9
<b>Total</b>	<b>11</b>	<b>19</b>	<b>0</b>	<b>30</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	20%	27%	0%	47%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	3%	0%	3%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	3%	17%	0%	20%
Evening Rush Hours -- 04:01 PM to 07:00 PM	13%	17%	0%	30%
<b>Total</b>	<b>37%</b>	<b>63%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



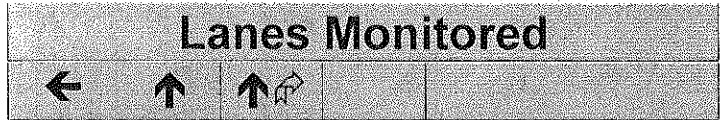
Piscataway, NJ NB Hoes Ln @ Centennial Ave VIMS report

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Hoes Ln @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08      22-Apr-08
Installation Day of Week	Wed              Tue
Installation Time	7:17 AM        4:04 PM
De-installation Date	23-Apr-08      22-Apr-08
De-installation Time	11:23 AM       8:11 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

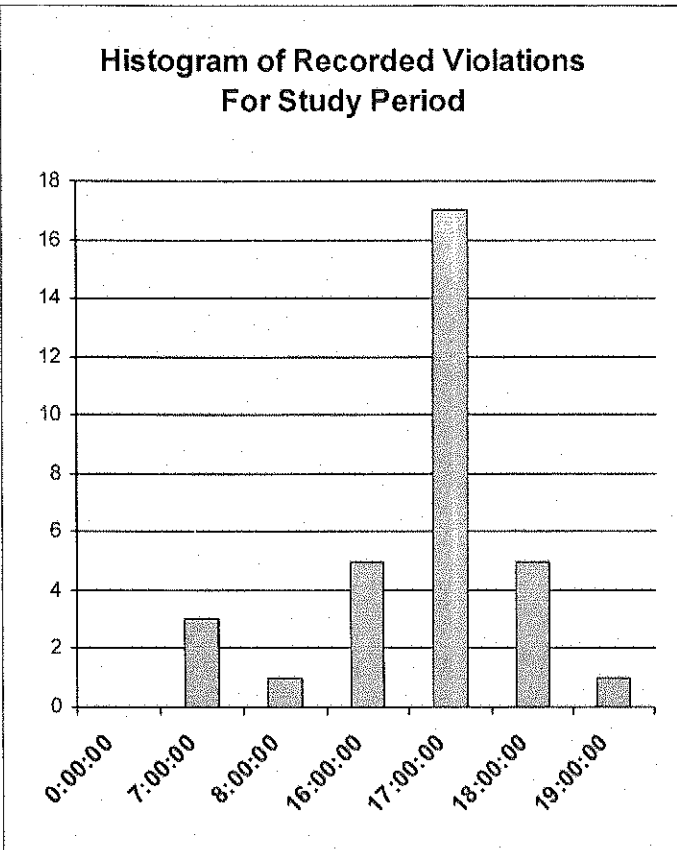


**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ NB Hoes Ln @ Centennial Ave VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
7:00:00	3	0	0	3
8:00:00	0	1	0	1
16:00:00	5	0	0	5
17:00:00	13	4	0	17
18:00:00	5	0	0	5
19:00:00	0	1	0	1
<b>Total</b>	<b>26</b>	<b>6</b>	<b>0</b>	<b>32</b>



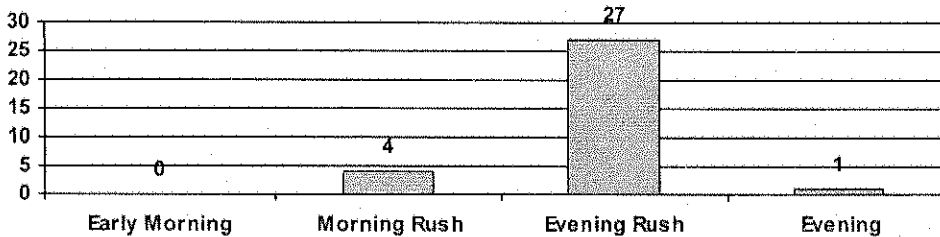
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Hoes Ln @ Centennial Ave VIMS report**

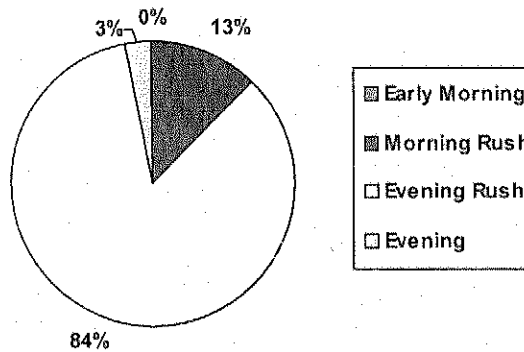
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	3	1	0	4
Evening Rush Hours -- 04:01 PM to 07:00 PM	23	4	0	27
Evening Hours -- 07:01 PM to 11:59 PM	0	1	0	1
<b>Total</b>	<b>26</b>	<b>6</b>	<b>0</b>	<b>32</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	9%	3%	0%	13%
Evening Rush Hours -- 04:01 PM to 07:00 PM	72%	13%	0%	84%
Evening Hours -- 07:01 PM to 11:59 PM	0%	3%	0%	3%
<b>Total</b>	<b>81%</b>	<b>19%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ EB New Brunswick Ave @ Stelton Rd VIMS report

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	New Brunswick Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      07-May-08
Installation Day of Week	Thu              Wed
Installation Time	6:27 AM        2:58 PM
De-installation Date	08-May-08      07-May-08
De-installation Time	10:33 AM       7:04 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

Lanes Monitored	
←	↑→

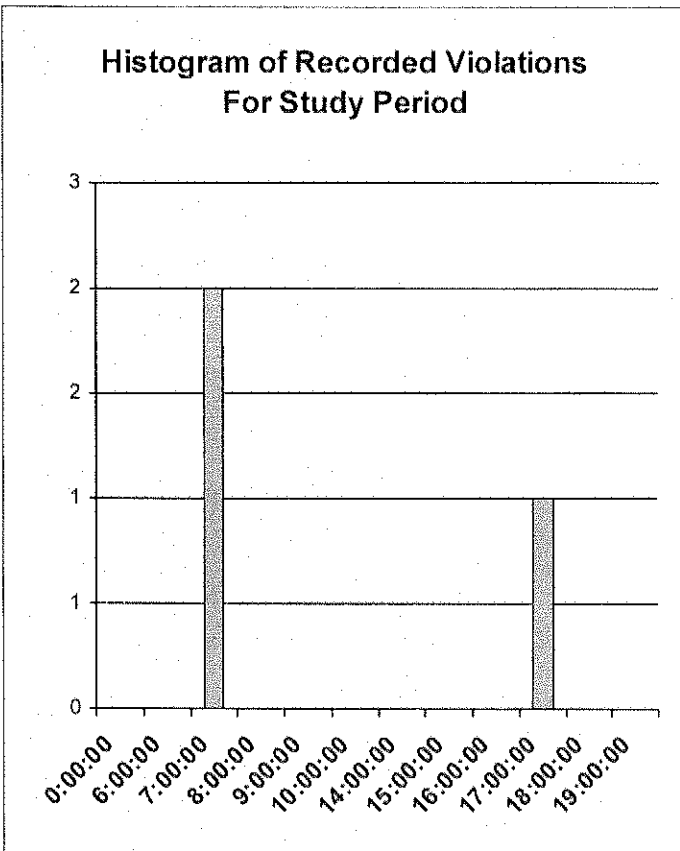
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ EB New Brunswick Ave @ Stelton Rd VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	1	0	1	2
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	1	1
18:00:00	0	0	0	0
19:00:00	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>



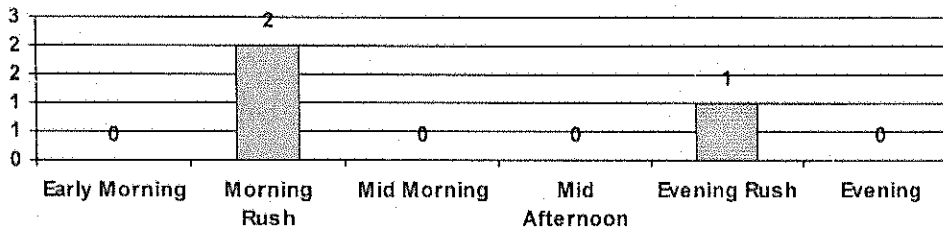
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB New Brunswick Ave @ Stelton Rd VIMS report**

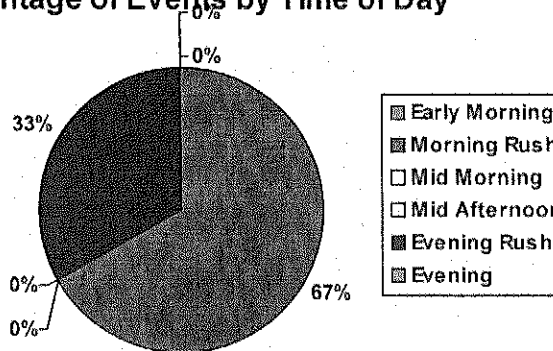
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	1	0	1	2
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	1	1
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	33%	0%	33%	67%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	33%	33%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>33%</b>	<b>0%</b>	<b>67%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



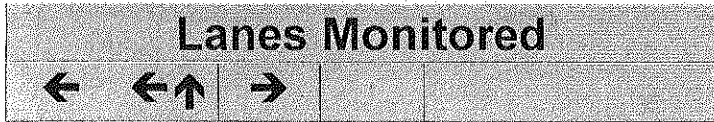
**Piscataway, NJ WB New Brunswick Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	New Brunswick Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      07-May-08
Installation Day of Week	Thu              Wed
Installation Time	6:34 AM        3:20 PM
De-installation Date	08-May-08      07-May-08
De-installation Time	10:41 AM       7:26 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



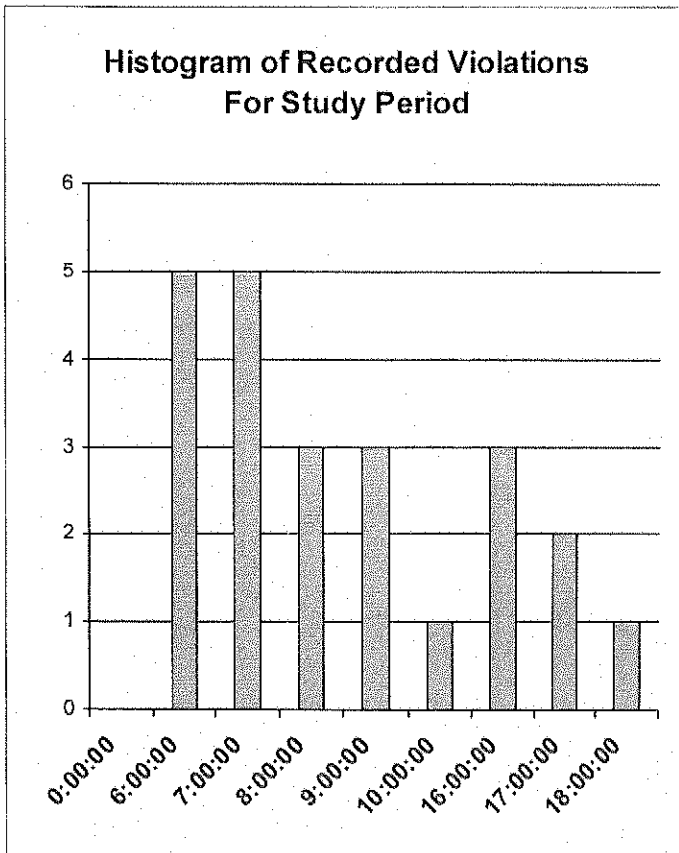
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ WB New Brunswick Ave @ Stelton Rd VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	3	0	2	5
7:00:00	3	0	2	5
8:00:00	2	0	1	3
9:00:00	1	0	2	3
10:00:00	0	0	1	1
16:00:00	1	0	2	3
17:00:00	0	1	1	2
18:00:00	0	0	1	1
<b>Total</b>	<b>10</b>	<b>1</b>	<b>12</b>	<b>23</b>

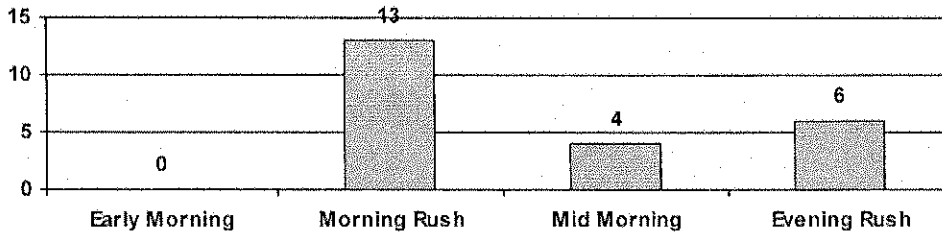




***Piscataway, NJ WB New Brunswick Ave @ Stelton Rd VIMS report***

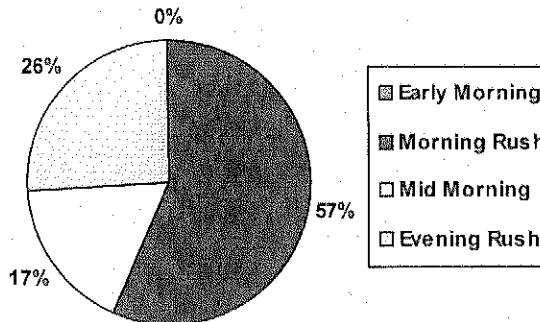
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	8	0	5	13
Mid Morning Hours -- 09:01 AM to 11:00 AM	1	0	3	4
Evening Rush Hours -- 04:01 PM to 07:00 PM	1	1	4	6
<b>Total</b>	<b>10</b>	<b>1</b>	<b>12</b>	<b>23</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	35%	0%	22%	57%
Mid Morning Hours -- 09:01 AM to 11:00 AM	4%	0%	13%	17%
Evening Rush Hours -- 04:01 PM to 07:00 PM	4%	4%	17%	26%
<b>Total</b>	<b>43%</b>	<b>4%</b>	<b>52%</b>	<b>100%</b>

Percentage of Events by Time of Day





Axis Violation Incident Monitoring System  
Site Data Report



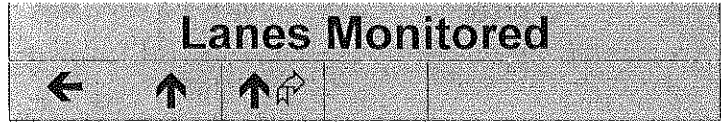
***Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave VIMS report***

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Old New Brunswick Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08      22-Apr-08
Installation Day of Week	Wed              Tue
Installation Time	7:28 AM        4:18 PM
De-installation Date	23-Apr-08      22-Apr-08
De-installation Time	11:33 AM       8:24 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



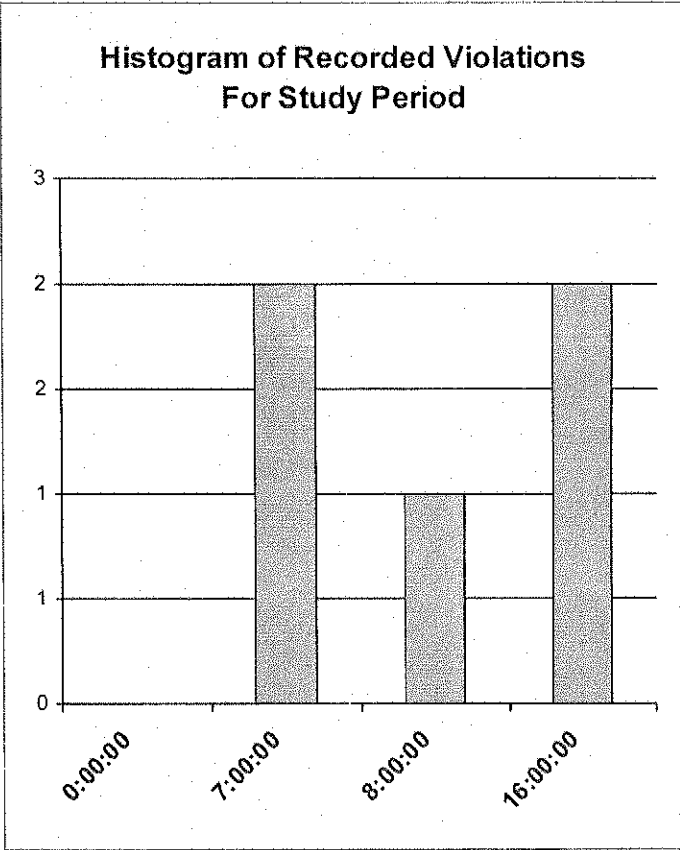
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
7:00:00	0	2	0	2
8:00:00	0	1	0	1
16:00:00	0	2	0	2
<b>Total</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>



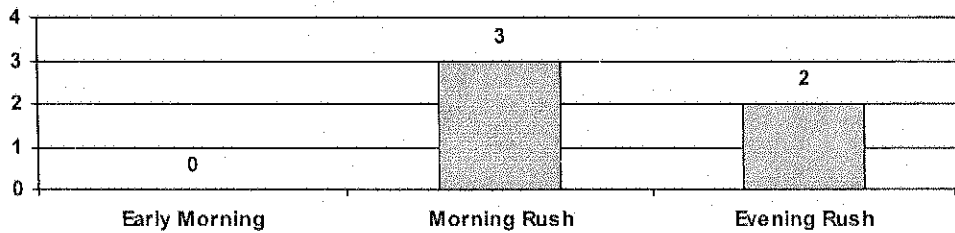
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave VIMS report

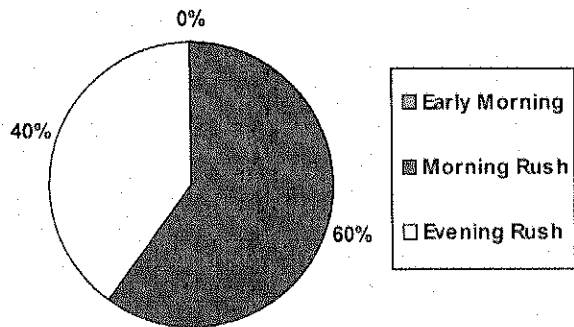
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	3	0	3
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	2	0	2
<b>Total</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	60%	0%	60%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	40%	0%	40%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



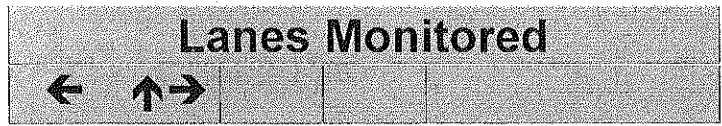
**Piscataway, NJ NB S Randolphville Rd @ Centennial Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	S Randolphville Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      05-May-08
Installation Day of Week	Tue              Mon
Installation Time	7:00 AM        2:31 PM
De-installation Date	06-May-08      05-May-08
De-installation Time	11:15 AM       6:36 PM
Total Operational Hours	8.3

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



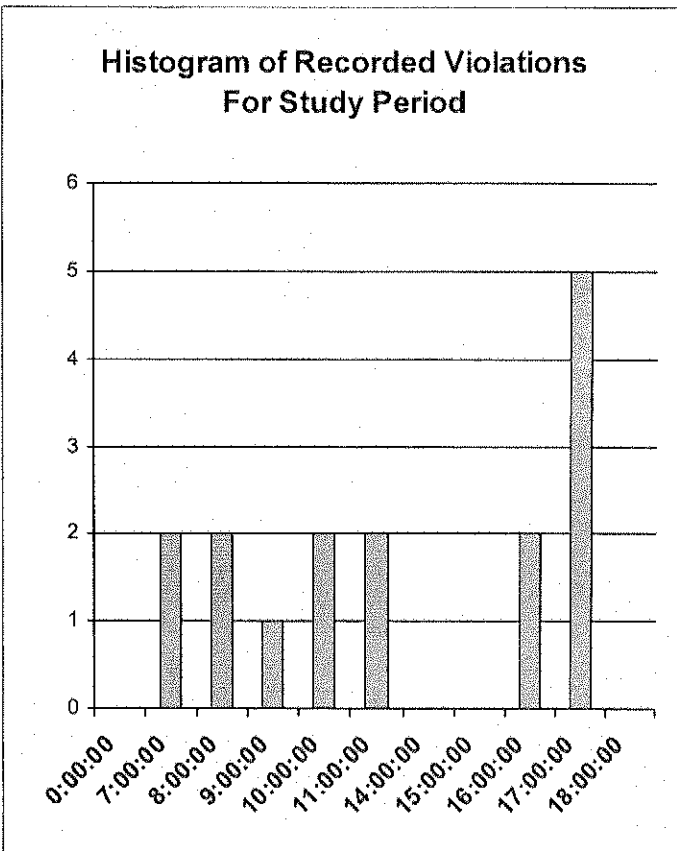
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB S Randolphville Rd @ Centennial Ave VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
7:00:00	0	0	2	2
8:00:00	0	0	2	2
9:00:00	0	0	1	1
10:00:00	0	0	2	2
11:00:00	0	0	2	2
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	2	2
17:00:00	0	3	2	5
18:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>3</b>	<b>13</b>	<b>16</b>



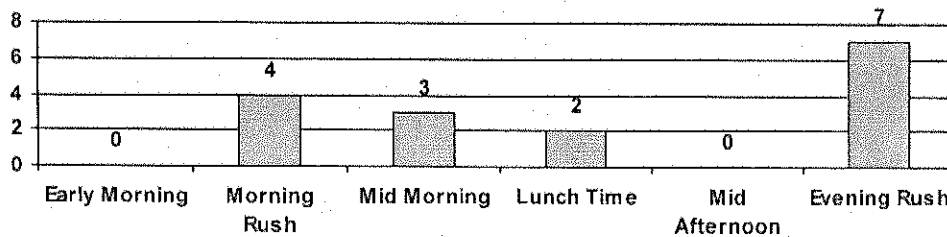
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB S Randolphville Rd @ Centennial Ave VIMS report

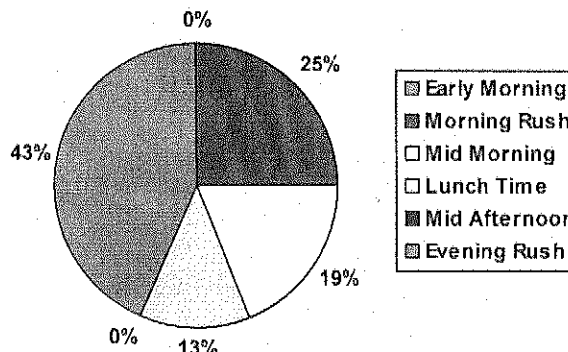
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	4	4
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	3	3
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	2	2
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	3	4	7
<b>Total</b>	<b>0</b>	<b>3</b>	<b>13</b>	<b>16</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	25%	25%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	19%	19%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	13%	13%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	19%	25%	44%
<b>Total</b>	<b>0%</b>	<b>19%</b>	<b>81%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB S Randolphville Rd @ Centennial Ave VIMS report

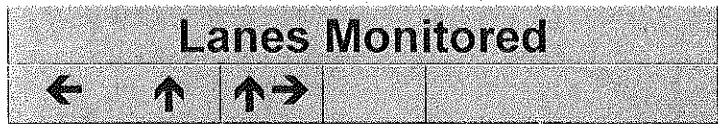
VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	S Randolphville Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      05-Apr-08
Installation Day of Week	Tue              Sat
Installation Time	6:59 AM        2:46 PM
De-installation Date	06-May-08      05-Apr-08
De-installation Time	11:04 AM       6:52 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

truck stoped in right turn lane from 10:45-10:48am

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



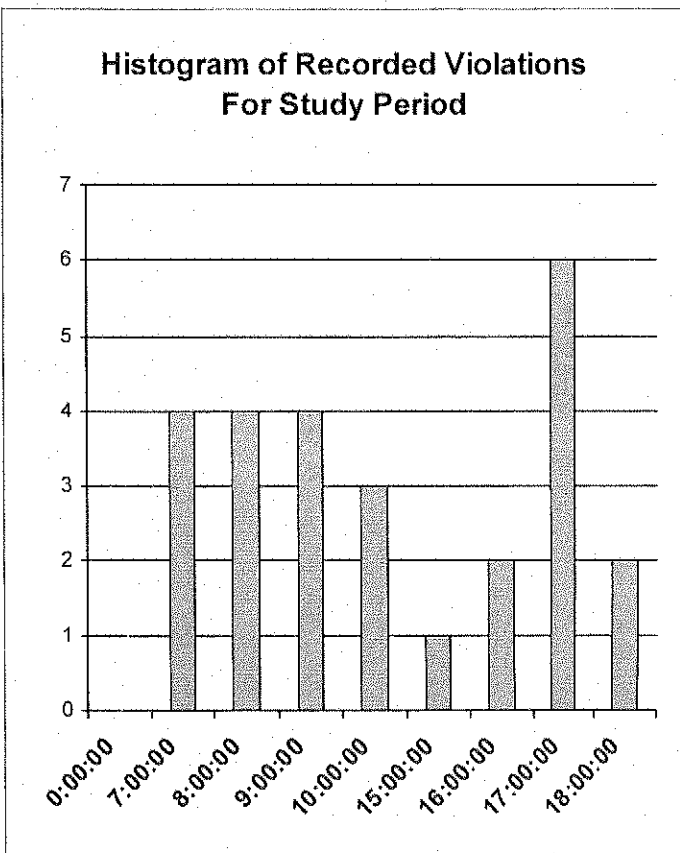
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB S Randolphville Rd @ Centennial Ave VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
7:00:00	0	2	2	4
8:00:00	0	1	3	4
9:00:00	0	1	3	4
10:00:00	0	1	2	3
15:00:00	0	0	1	1
16:00:00	1	0	1	2
17:00:00	4	0	2	6
18:00:00	1	0	1	2
<b>Total</b>	<b>6</b>	<b>5</b>	<b>15</b>	<b>26</b>





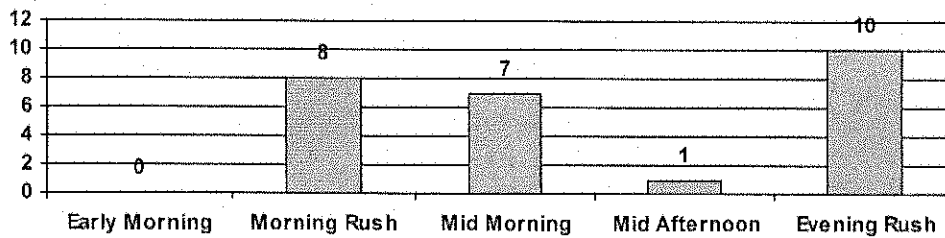
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ SB S Randolphville Rd @ Centennial Ave VIMS report**

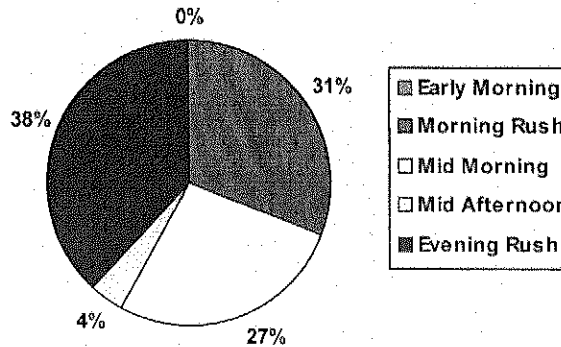
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	3	5	8
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	2	5	7
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	1	1
Evening Rush Hours -- 04:01 PM to 07:00 PM	6	0	4	10
<b>Total</b>	<b>6</b>	<b>5</b>	<b>15</b>	<b>26</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	12%	19%	31%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	8%	19%	27%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	4%	4%
Evening Rush Hours -- 04:01 PM to 07:00 PM	23%	0%	15%	38%
<b>Total</b>	<b>23%</b>	<b>19%</b>	<b>58%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



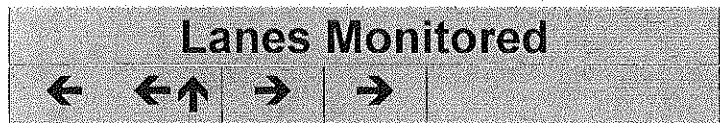
**Piscataway, NJ NB S Washington Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	S Washington Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:04 AM          2:44 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:11 AM        6:50 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	YES
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



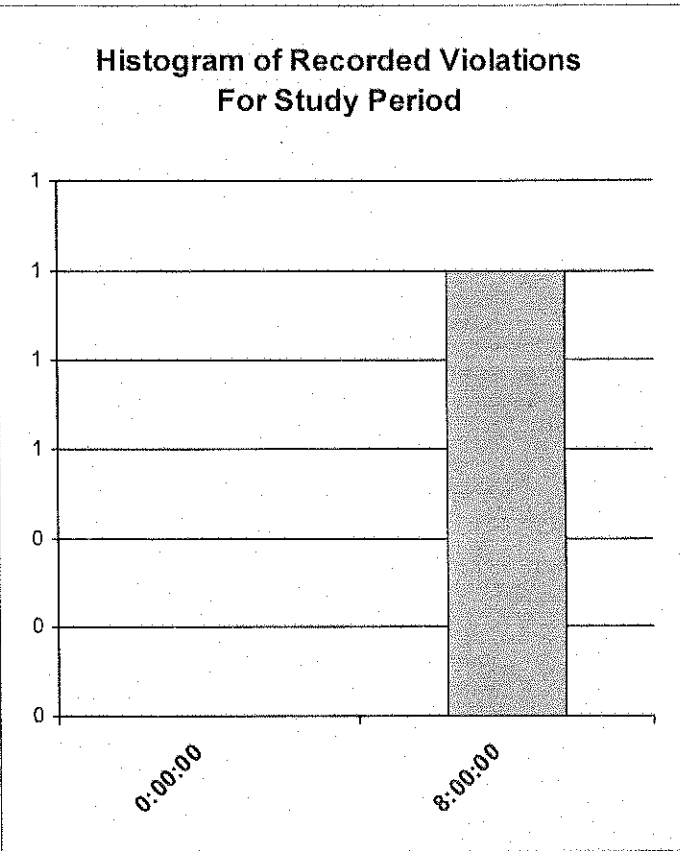
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB S Washington Ave @ Stelton Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
8:00:00	1	0	0	1
Total	1	0	0	1



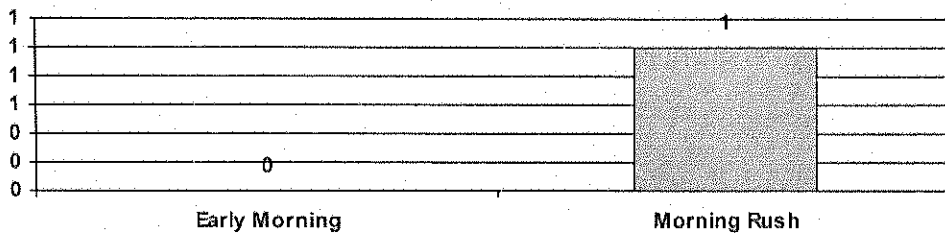
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB S Washington Ave @ Stelton Rd VIMS report**

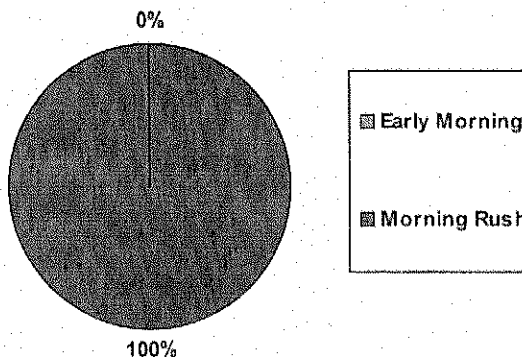
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	1	0	0	1
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	100%	0%	0%	100%
<b>Total</b>	<b>100%</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



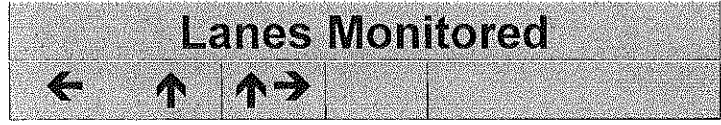
**Piscataway, NJ NB Stelton Rd @ Centennial Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:48 AM        2:57 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:55 AM       7:04 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

**Other notes and installation comments:**  
Light can not be seen thru a lot of the taping

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



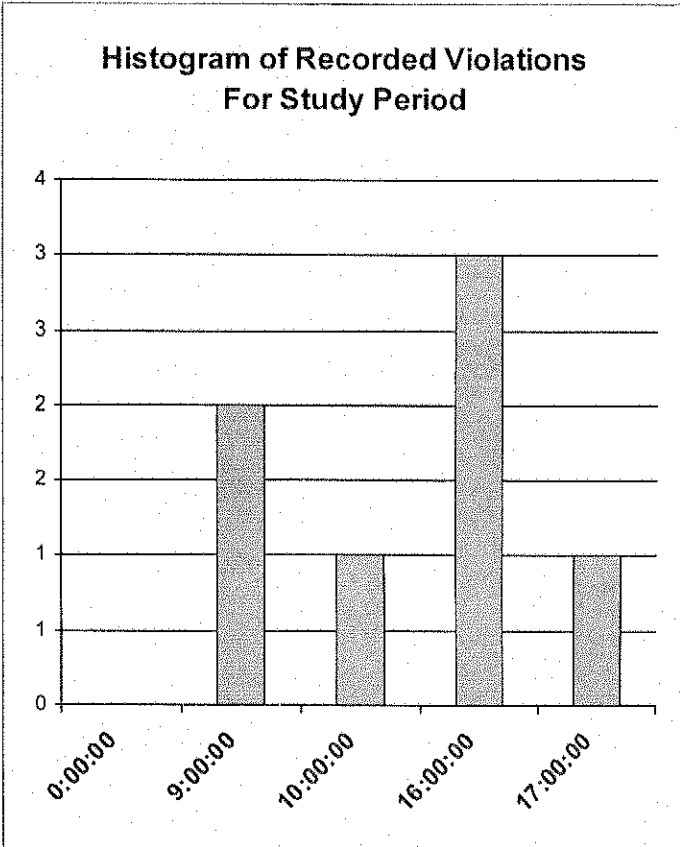
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB Stelton Rd @ Centennial Ave VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
9:00:00	0	2	0	2
10:00:00	0	1	0	1
16:00:00	2	1	0	3
17:00:00	1	0	0	1
<b>Total</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>7</b>

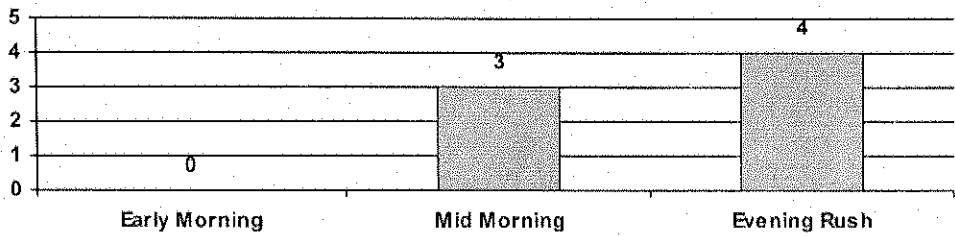




**Piscataway, NJ NB Stelton Rd @ Centennial Ave VIMS report**

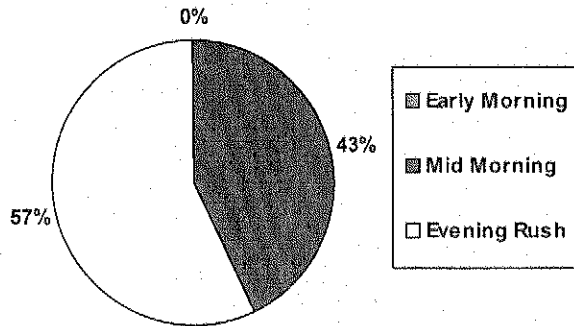
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	3	0	3
Evening Rush Hours -- 04:01 PM to 07:00 PM	3	1	0	4
<b>Total</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>7</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	43%	0%	43%
Evening Rush Hours -- 04:01 PM to 07:00 PM	43%	14%	0%	57%
<b>Total</b>	<b>43%</b>	<b>57%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



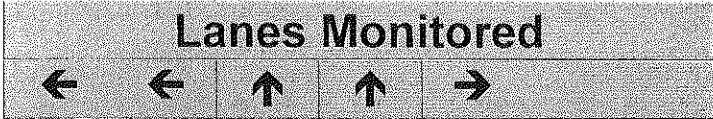
***Piscataway, NJ SB Stelton Rd @ Centennial Ave VIMS report***

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	24-Apr-08      06-May-08
Installation Day of Week	Thu              Tue
Installation Time	6:37 AM        2:50 PM
De-installation Date	24-Apr-08      06-May-08
De-installation Time	10:43 AM       6:57 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

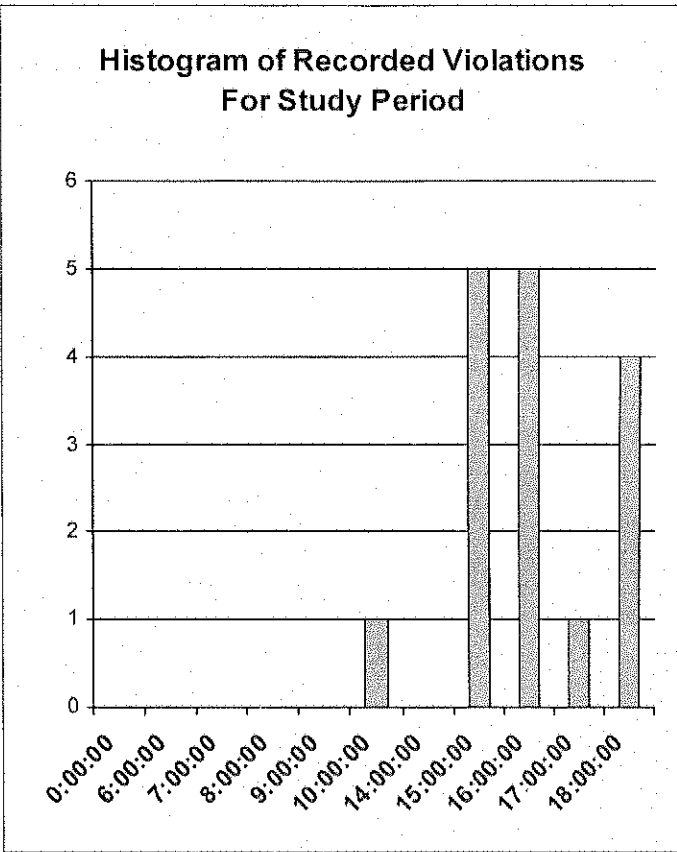


Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ SB Stelton Rd @ Centennial Ave VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	1	0	1
14:00:00	0	0	0	0
15:00:00	0	3	2	5
16:00:00	1	2	2	5
17:00:00	1	0	0	1
18:00:00	2	2	0	4
<b>Total</b>	<b>4</b>	<b>8</b>	<b>4</b>	<b>16</b>



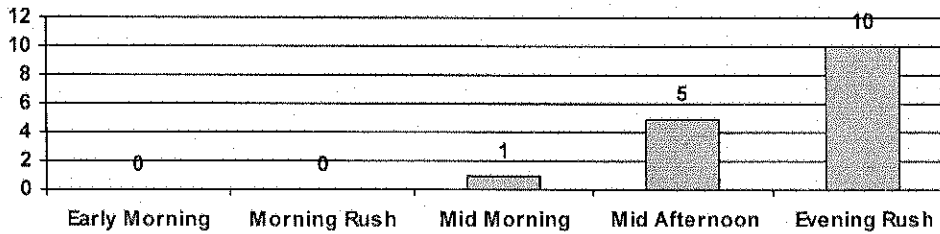
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ SB Stelton Rd @ Centennial Ave VIMS report**

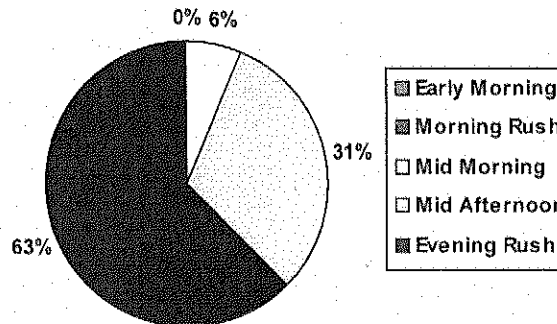
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	1	0	1
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	3	2	5
Evening Rush Hours -- 04:01 PM to 07:00 PM	4	4	2	10
<b>Total</b>	<b>4</b>	<b>8</b>	<b>4</b>	<b>16</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	6%	0%	6%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	19%	13%	31%
Evening Rush Hours -- 04:01 PM to 07:00 PM	25%	25%	13%	63%
<b>Total</b>	<b>25%</b>	<b>50%</b>	<b>25%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



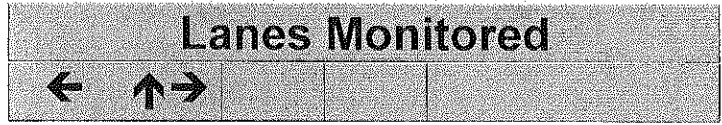
**Piscataway, NJ NB Stelton Rd @ Ethel Rd W VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Ethel Rd W
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	09-May-08      08-May-08
Installation Day of Week	Fri              Thu
Installation Time	6:16 AM        2:46 PM
De-installation Date	09-May-08      08-May-08
De-installation Time	10:23 AM       6:54 PM
Total Operational Hours	8.3

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



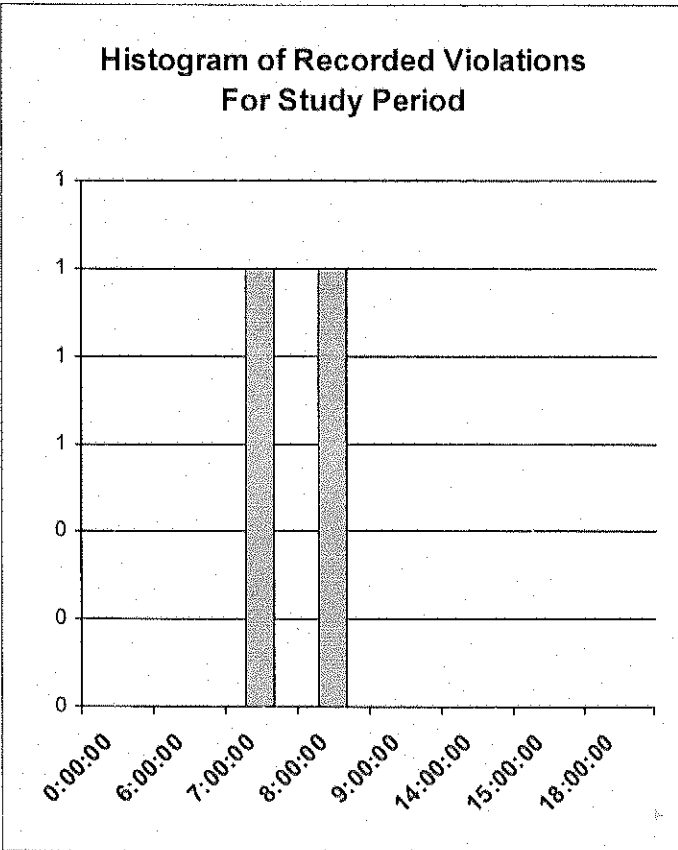
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ NB Stelton Rd @ Ethel Rd W VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	1	0	1
8:00:00	0	1	0	1
9:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
18:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>



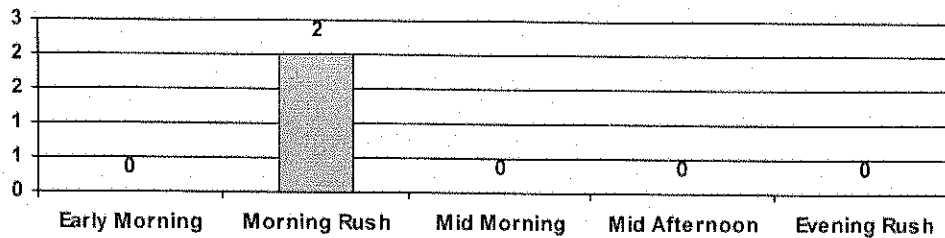
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ Ethel Rd W VIMS report**

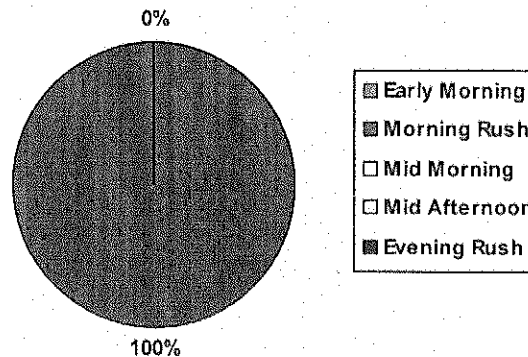
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	2	0	2
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	100%	0%	100%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



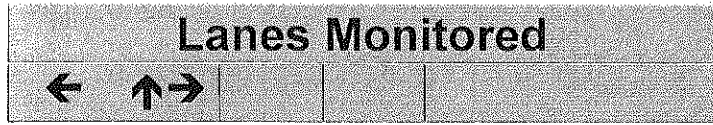
**Piscataway, NJ SB Stelton Rd @ Ethel Rd W VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Ethel Rd W
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      09-May-08
Installation Day of Week	Thu              Fri
Installation Time	3:04 PM        6:08 AM
De-installation Date	08-May-08      09-May-08
De-installation Time	7:12 PM        10:15 AM
Total Operational Hours	8.3

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



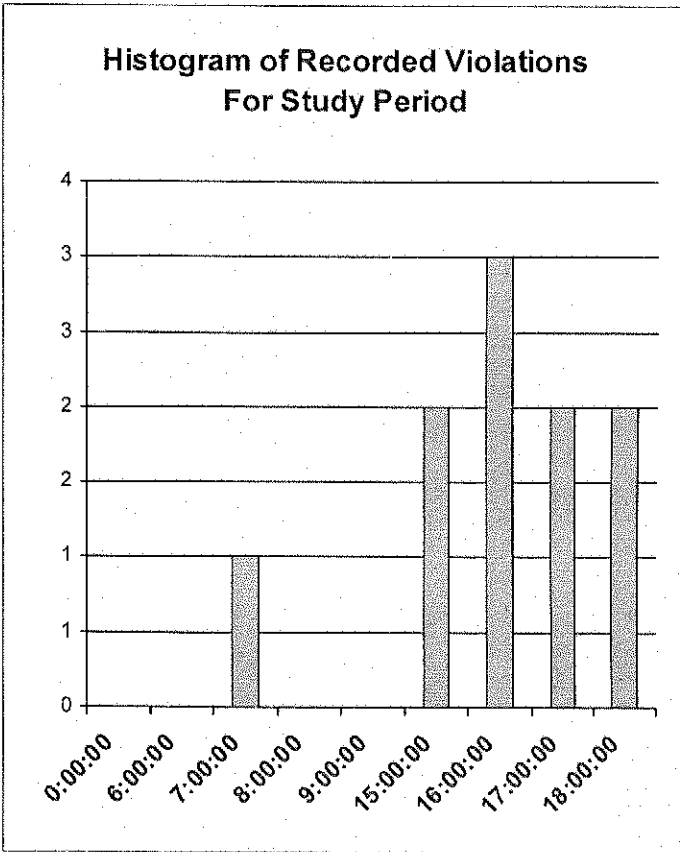
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB Stelton Rd @ Ethel Rd W VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	1	0	1
8:00:00	0	0	0	0
9:00:00	0	0	0	0
15:00:00	0	2	0	2
16:00:00	1	2	0	3
17:00:00	0	2	0	2
18:00:00	0	2	0	2
<b>Total</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>10</b>



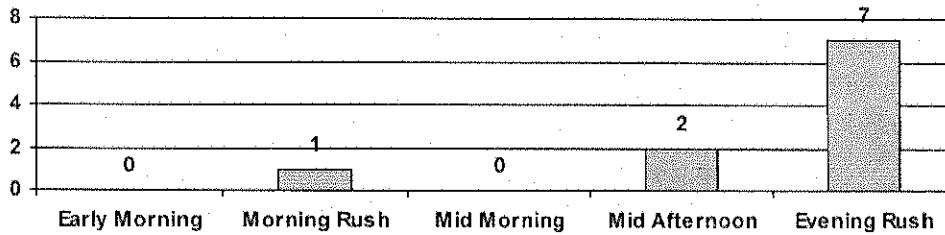
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB Stelton Rd @ Ethel Rd W VIMS report

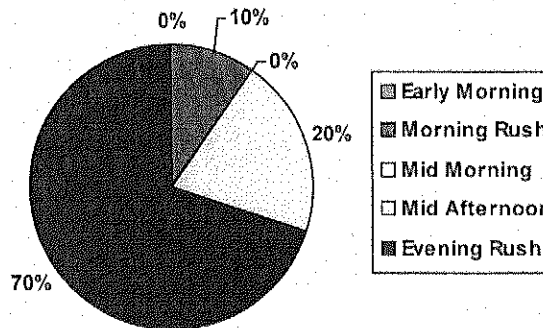
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	1	0	1
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	2	0	2
Evening Rush Hours -- 04:01 PM to 07:00 PM	1	6	0	7
<b>Total</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>10</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	10%	0%	10%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	20%	0%	20%
Evening Rush Hours -- 04:01 PM to 07:00 PM	10%	60%	0%	70%
<b>Total</b>	<b>10%</b>	<b>90%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day





Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB Stelton Rd @ New Brunswick Ave VIMS report

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ New Brunswick Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:26 AM        2:31 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:33 AM       6:37 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

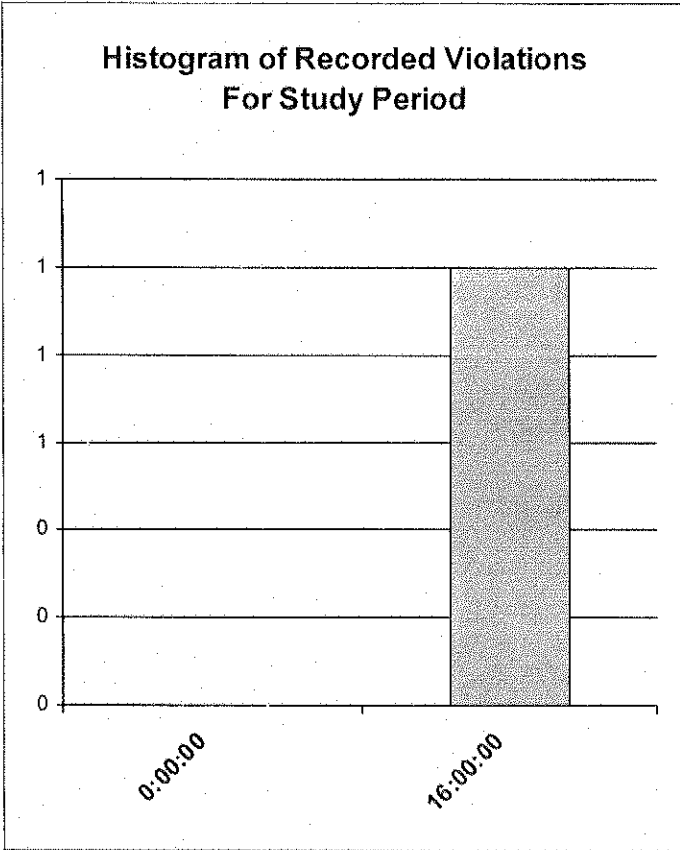
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
 Site Data Report



*Piscataway, NJ NB Stelton Rd @ New Brunswick Ave VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
16:00:00	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

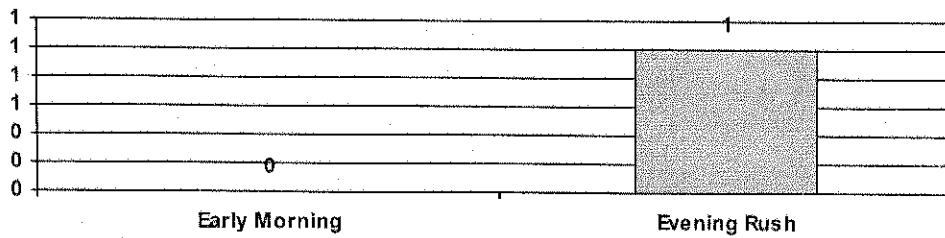




Piscataway, NJ NB Stelton Rd @ New Brunswick Ave VIMS report

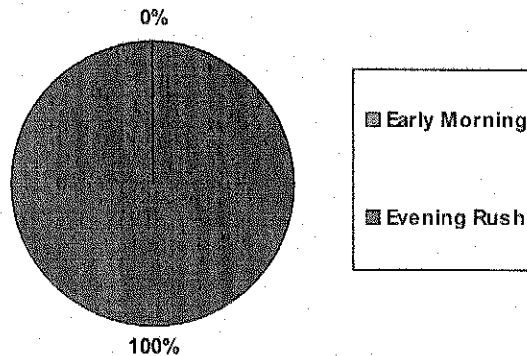
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



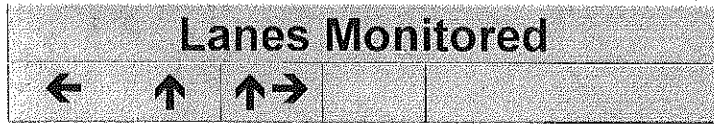
Piscataway, NJ SB Stelton Rd @ New Brunswick Ave VIMS report

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ New Brunswick Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:35 AM        2:46 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:42 AM       6:52 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



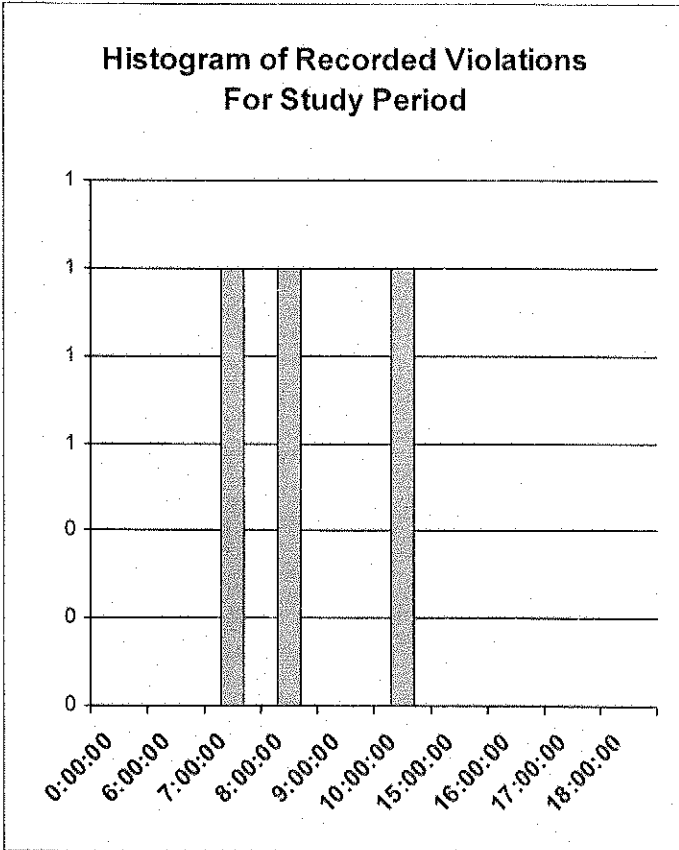
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ SB Stelton Rd @ New Brunswick Ave VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	1	1
8:00:00	0	0	1	1
9:00:00	0	0	0	0
10:00:00	0	0	1	1
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	0	0
18:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>



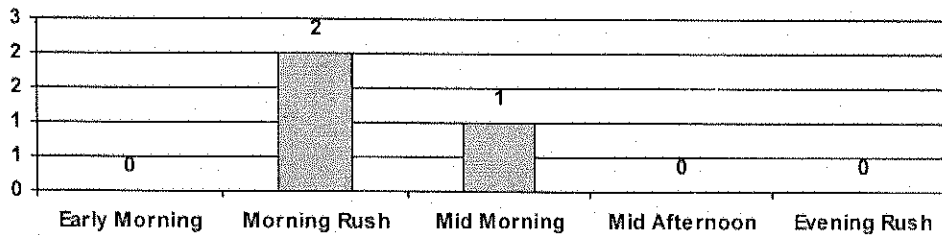
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ SB Stelton Rd @ New Brunswick Ave VIMS report**

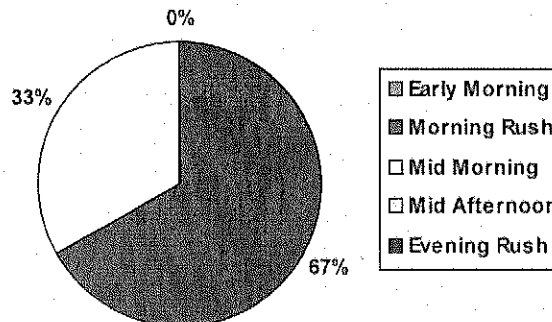
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	2	2
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	1	1
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	67%	67%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	33%	33%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



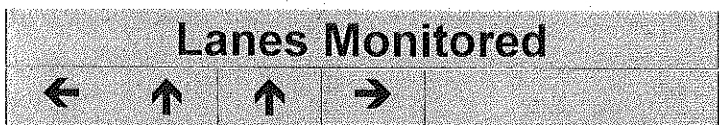
Piscataway, NJ EB Stelton Rd @ S Washington Ave VIMS report

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ S Washington Ave
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      07-May-08
Installation Day of Week	Thu              Wed
Installation Time	6:21 AM        2:43 PM
De-installation Date	08-May-08      07-May-08
De-installation Time	10:28 AM      6:50 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	YES
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

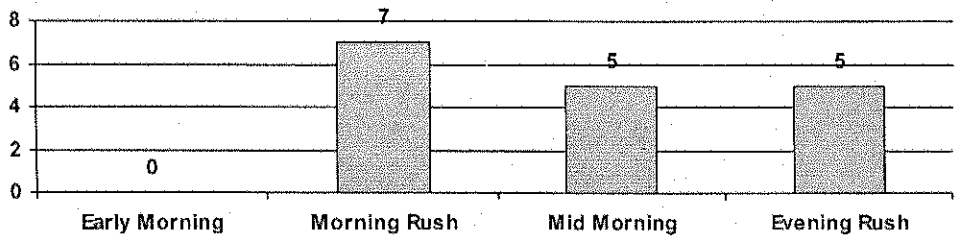
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB Stelton Rd @ S Washington Ave VIMS report**

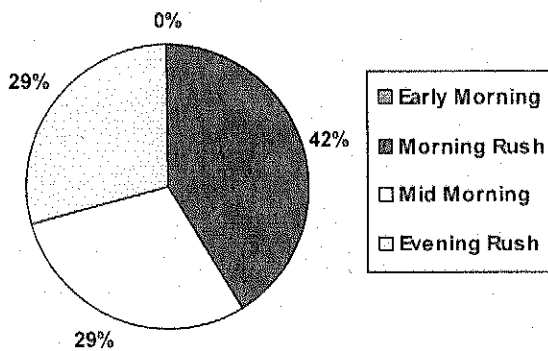
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	7	0	7
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	5	0	5
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	5	0	5
<b>Total</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>17</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	41%	0%	41%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	29%	0%	29%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	29%	0%	29%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day





Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ S Washington Ave
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      07-May-08
Installation Day of Week	Thu              Wed
Installation Time	6:11 AM        2:31 PM
De-installation Date	08-May-08      07-May-08
De-installation Time	10:18 AM       6:36 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

**Other notes and installation comments:**

Some left turn violators are driving out of the lane into opposing lane to make left turn during red light

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

←    ↑    ↑ ↗

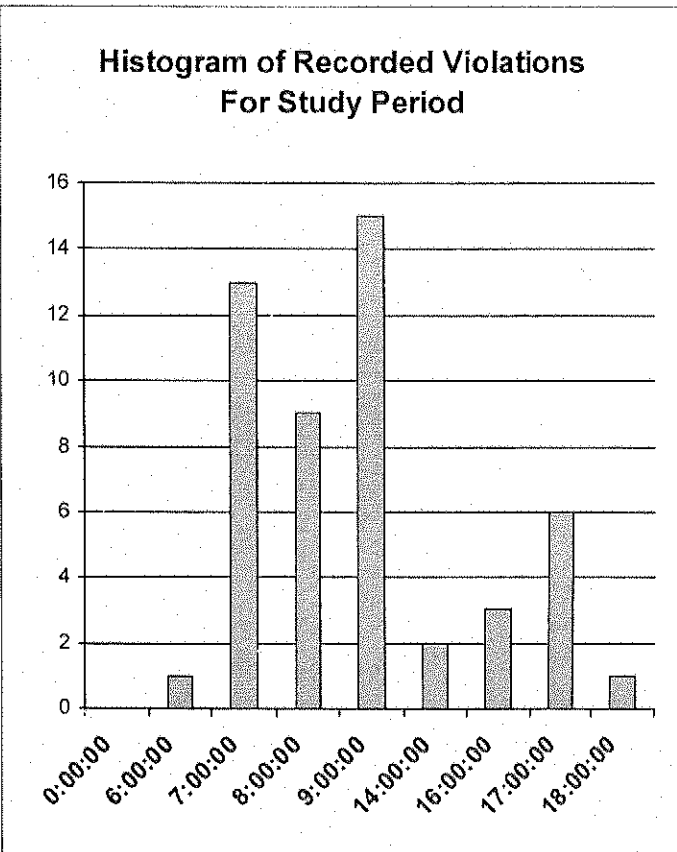
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
0:00:00	0	0	0	0
6:00:00	1	0	0	1
7:00:00	9	4	0	13
8:00:00	8	1	0	9
9:00:00	14	1	0	15
14:00:00	1	1	0	2
16:00:00	3	0	0	3
17:00:00	3	3	0	6
18:00:00	1	0	0	1
<b>Total</b>	<b>40</b>	<b>10</b>	<b>0</b>	<b>50</b>



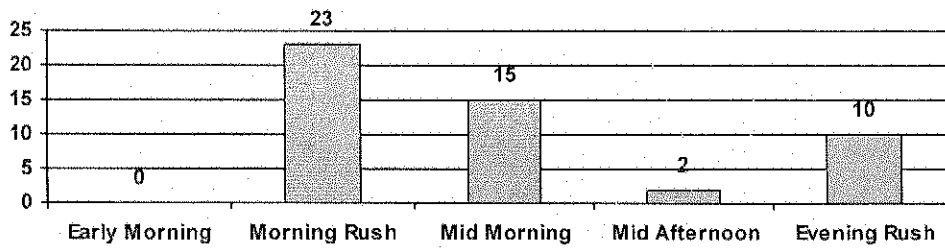
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report

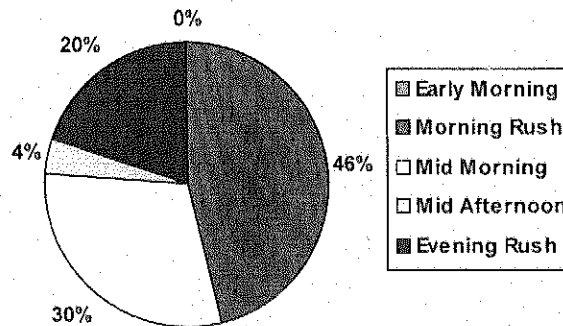
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	18	5	0	23
Mid Morning Hours -- 09:01 AM to 11:00 AM	14	1	0	15
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	1	1	0	2
Evening Rush Hours -- 04:01 PM to 07:00 PM	7	3	0	10
<b>Total</b>	<b>40</b>	<b>10</b>	<b>0</b>	<b>50</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	36%	10%	0%	46%
Mid Morning Hours -- 09:01 AM to 11:00 AM	28%	2%	0%	30%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	2%	2%	0%	4%
Evening Rush Hours -- 04:01 PM to 07:00 PM	14%	6%	0%	20%
<b>Total</b>	<b>80%</b>	<b>20%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day





**Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report**

**VIMS City Report for Piscataway, NJ**

VIMS reviews conducted in the previous 120 days

as of Thursday, June 19, 2008

Piscataway, NJ EB Centennial Ave @ Old New Brunswick Rd / Hoes Ln AM/PM	16 violations (1 left 15 straight )	8.2 hrs total
Piscataway, NJ WB Centennial Ave @ Old New Brunswick Rd / Hoes Ln AM/PM	9 violations (1 left 8 straight )	8.2 hrs total
Piscataway, NJ EB Centennial Ave @ S Randolphville Rd AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ WB Centennial Ave @ S Randolphville Rd AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ EB Centennial Ave @ Stelton Rd AM/PM	0 violations	8.2 hrs total
Piscataway, NJ WB Centennial Ave @ Stelton Rd AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ EB Ethel Rd W @ Stelton Rd AM/PM	18 violations (2 left 15 straight 1 right )	8.2 hrs total
Piscataway, NJ WB Ethel Rd W @ Stelton Rd AM/PM	30 violations (11 left 19 straight )	8.2 hrs total
Piscataway, NJ NB Hoes Ln @ Centennial Ave AM/PM	32 violations (26 left 6 straight )	8.2 hrs total
Piscataway, NJ EB New Brunswick Ave @ Stelton Rd AM/PM	3 violations (1 left 2 right )	8.2 hrs total
Piscataway, NJ WB New Brunswick Ave @ Stelton Rd AM/PM	23 violations (10 left 1 straight 12 right )	8.2 hrs total
Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave AM/PM	5 violations ( 5 straight )	8.2 hrs total
Piscataway, NJ NB S Randolphville Rd @ Centennial Ave AM/PM	16 violations ( 3 straight 13 right )	8.3 hrs total
Piscataway, NJ SB S Randolphville Rd @ Centennial Ave AM/PM	26 violations (6 left 5 straight 15 right )	8.2 hrs total
Piscataway, NJ NB S Washington Ave @ Stelton Rd AM/PM	1 violations (1 left )	8.2 hrs total
Piscataway, NJ NB Stelton Rd @ Centennial Ave AM/PM	7 violations (3 left 4 straight )	8.2 hrs total
Piscataway, NJ SB Stelton Rd @ Centennial Ave AM/PM	16 violations (4 left 8 straight 4 right )	8.2 hrs total
Piscataway, NJ NB Stelton Rd @ Ethel Rd W AM/PM	2 violations ( 2 straight )	8.3 hrs total
Piscataway, NJ SB Stelton Rd @ Ethel Rd W AM/PM	10 violations (1 left 9 straight )	8.3 hrs total
Piscataway, NJ NB Stelton Rd @ New Brunswick Ave AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ SB Stelton Rd @ New Brunswick Ave AM/PM	3 violations ( 3 right )	8.2 hrs total
Piscataway, NJ EB Stelton Rd @ S Washington Ave AM/PM	17 violations ( 17 straight )	8.2 hrs total
Piscataway, NJ WB Stelton Rd @ S Washington Ave AM/PM	50 violations (40 left 10 straight )	8.2 hrs total

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report**

**VIMS City Report for Piscataway, NJ**

VIMS reviews conducted in the previous 30 days

as of Thursday, May 15, 2008

Piscataway, NJ EB Centennial Ave @ Old New Brunswick Rd / Hoes Ln AM/PM	16 violations (1 left 15 straight )	8.2 hrs total
Piscataway, NJ WB Centennial Ave @ Old New Brunswick Rd / Hoes Ln AM/PM	9 violations (1 left 8 straight )	8.2 hrs total
Piscataway, NJ EB Centennial Ave @ S Randolphville Rd AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ WB Centennial Ave @ S Randolphville Rd AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ EB Centennial Ave @ Stelton Rd AM/PM	0 violations	8.2 hrs total
Piscataway, NJ WB Centennial Ave @ Stelton Rd AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ EB Ethel Rd W @ Stelton Rd AM/PM	18 violations (2 left 15 straight 1 right )	8.2 hrs total
Piscataway, NJ WB Ethel Rd W @ Stelton Rd AM/PM	30 violations (11 left 19 straight )	8.2 hrs total
Piscataway, NJ NB Hoes Ln @ Centennial Ave AM/PM	32 violations (26 left 6 straight )	8.2 hrs total
Piscataway, NJ EB New Brunswick Ave @ Stelton Rd AM/PM	3 violations (1 left 2 right )	8.2 hrs total
Piscataway, NJ WB New Brunswick Ave @ Stelton Rd AM/PM	23 violations (10 left 1 straight 12 right )	8.2 hrs total
Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave AM/PM	5 violations ( 5 straight )	8.2 hrs total
Piscataway, NJ NB S Randolphville Rd @ Centennial Ave AM/PM	16 violations ( 3 straight 13 right )	8.3 hrs total
Piscataway, NJ SB S Randolphville Rd @ Centennial Ave AM/PM	26 violations (6 left 5 straight 15 right )	8.2 hrs total
Piscataway, NJ NB S Washington Ave @ Stelton Rd AM/PM	1 violations (1 left )	8.2 hrs total
Piscataway, NJ NB Stelton Rd @ Centennial Ave AM/PM	7 violations (3 left 4 straight )	8.2 hrs total
Piscataway, NJ SB Stelton Rd @ Centennial Ave AM/PM	16 violations (4 left 8 straight 4 right )	8.2 hrs total
Piscataway, NJ NB Stelton Rd @ Ethel Rd W AM/PM	2 violations ( 2 straight )	8.3 hrs total
Piscataway, NJ SB Stelton Rd @ Ethel Rd W AM/PM	10 violations (1 left 9 straight )	8.3 hrs total
Piscataway, NJ NB Stelton Rd @ New Brunswick Ave AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ SB Stelton Rd @ New Brunswick Ave AM/PM	3 violations ( 3 right )	8.2 hrs total
Piscataway, NJ EB Stelton Rd @ S Washington Ave AM/PM	17 violations ( 17 straight )	8.2 hrs total
Piscataway, NJ WB Stelton Rd @ S Washington Ave AM/PM	50 violations (40 left 10 straight )	8.2 hrs total



David B. Crabiel  
Freeholder Director

Stephen J. Dalina  
Deputy Director

Camille Fernicola  
H. James Polos  
Christopher D. Rafano  
Ronald G. Rios  
Blanquita B. Valenti  
Freeholders

John A. Pulomena  
County Administrator

Margaret E. Pemberton, RMC  
Clerk of the Board

732-745-3080  
FAX 732-745-3110

**COUNTY OF MIDDLESEX**  
CLERK OF THE BOARD  
P.O. BOX 871  
NEW BRUNSWICK, NJ 08903-0871

June 24, 2008

Ann Nolan, Clerk  
Township of Piscataway  
455 Hoes Lane  
Piscataway, NJ 08854-4147

RECEIVED  
2008 JUN 26 A 10:17  
TOWNSHIP OF PISCATAWAY  
TOWNSHIP CLERK'S OFFICE

**RE: Resolution #08-1062**

Enclosed please find a certified copy of the resolution, pertaining to the above, which was adopted by the Board of Chosen Freeholders at the regular meeting on June 19, 2008.

Margaret E. Pemberton  
Clerk of the Board

bc  
Enc.

C: Lyn A. Evers, Piscataway, Administrator  
NJ Dept. of Transportation  
File

cc  
Jim Clarkin  
Kevin Horn  
Bran  
Lyn  
6-27-08

08-1062

APPROVE REQUEST BY THE TOWNSHIP OF PISCATAWAY TO INSTALL TRAFFIC CONTROL VIDEO MONITORING DEVICES ON COUNTY ROADS IN PISCATAWAY

WHEREAS, pursuant to Chapter 348, P.L.2007, the State Legislature has determined that the installation of a traffic control signal monitoring system by municipalities complementing local law enforcement could serve as an effective tool in encouraging drivers to observe and obey traffic control devices at intersections, thereby increasing traffic flow and pedestrian safety; and

WHEREAS, said Chapter 348, establishes a five (5) year pilot program under which municipal governing bodies would be permitted to install traffic control signal monitoring devices at approved intersections under their jurisdiction; and

WHEREAS, the Township of Piscataway is desirous of installing traffic control signal monitoring devices on County Roads within the Township of Piscataway; and

WHEREAS, the Township of Piscataway has requested that the County approve the request for installation of traffic control signal monitoring devices on County roads;

NOW, THEREFORE, BE IT RESOLVED by the Board of Chosen Freeholders of the County of Middlesex that the Township of Piscataway is hereby granted authorization to install traffic control signal monitoring devices on County roads within the Township of Piscataway;


BE IT FURTHER RESOLVED that the designation of these locations shall be subject to the approval of the Commissioner of Transportation;

BE IT FURTHER RESOLVED that the Clerk of this Board shall forward certified copies of this resolution to the Commissioner of Transportation and Clerk, Township of Piscataway.

STEPHEN J. DALINA, AS MEMBER  
COMMITTEE OF ENGINEERING & PLANNING

DATED: June 19, 2008

Approved as to form and legality:

  
First Deputy County Counsel

08-10-08

RECORD OF VOTE				
FREEHOLDER	Aye	Nay	N.V.	Abs.
DALINA O	X			
FERNICOLA			X	
POLOS S	X			
RAFANO	X			
RIOS	X			
VALENTI	X			
CRABIEL	X			
X=Indicates Vote    N.V.=Not Voting    Abs.=Absent				
O=Resolution Offered    S=Resolution Seconded				

I, Margaret E. Pemberton, Clerk of the Board of Chosen Freeholders of the County of Middlesex and State of New Jersey, do hereby certify that the above is a true copy of a resolution adopted at a meeting of the Board held on June 19, 2008.

*Margaret E. Pemberton*  
Clerk of the Board of Chosen Freeholders



ORDINANCE NO. 08- 16

**ORDINANCE TO ESTABLISH A  
TRAFFIC CONTROL SIGNAL MONITORING SYSTEM  
IN THE TOWNSHIP OF PISCATAWAY,  
COUNTY OF MIDDLESEX, STATE OF NEW JERSEY.**

**WHEREAS**, by P.L. 2007, Chapter 348 (the "Act"), the Legislature of the State of New Jersey has determined that the installation of a traffic control signal monitoring system by municipalities complementing local law enforcement could serve as an effective tool in encouraging drivers to observe and obey traffic control devices at intersections, thereby increasing traffic flow and pedestrian safety; and

**WHEREAS**, the Township of Piscataway is desirous of installing traffic control signal monitoring systems at various intersections within the Township of Piscataway; and

**WHEREAS**, the Township of Piscataway has determined that adoption of the Ordinance is in the best interests of the health, safety and welfare of the Township and its residents.

**NOW, THEREFORE, BE IT ORDAINED** by the Township Council of the Township of Piscataway, County of Middlesex, State of New Jersey as follows:

**Section 1. Installation.**

- (a) The Township of Piscataway hereby determines to install and utilize a traffic control signal monitoring system ("System") at various intersections within the Township of Piscataway as approved by the Commissioner of Transportation pursuant to the Act.
- (b) The System to be purchased and installed shall be approved by the Township Council by subsequent resolution.
- (c) The Township shall have the authority to enter into a contract, following a lawful procurement process, for the installation of the System.

(d) The signs notifying drivers that a System is being utilized shall be approved by the Township Engineer, and shall be placed on each street converging into the affected intersection as required by the Act.

(e) The Township Engineer shall inspect and certify the System at least once every six (6) months from the date of its installation.

**Section 2. Issuance of a Summons.**

The Police Department of the Township of Piscataway shall review the recorded images produced by the System, to determine whether sufficient evidence exists demonstrating that a traffic control signal violation has occurred and shall issue a Summons when appropriate in accordance with the rules of the Court.

**Section 3. Use of Recorded Images.**

(a) Except as otherwise provided in this section, the recorded images produced by the System shall be available for the exclusive use of the Police Department for the purpose of discharging his or her duties under P.L. 2007, Ch. 384.

(b) Any recorded image or information produced in connection with the System shall not be deemed a public record under N.J.S.A. 47:1A-1 et seq., or common law. The recorded images shall not be:

- (i) discoverable as a public record by any person, entity, or governmental agency, except upon a subpoena issued by a grand jury or a court order in a criminal matter;
- or
- (ii) offered as evidence in any civil or administrative proceeding not directly related to a traffic control signal violation.

(c) Any recorded image or information collected in connection with a traffic control signal violation shall not be retained after sixty (60) days following the collection of any fine or penalty.

(d) If a summons is not issued within forty (40) business days following the traffic control signal violation, all recorded images and any information collected with respect to the traffic control signal violation shall be removed by the Township's vendor which manages the System within two (2) business days.

(e) The Township of Piscataway shall certify compliance of this section of this Ordinance by filing a report with the New Jersey Commissioner of Transportation in accordance with the Act.

#### **Section 4. Owner's Liability.**

The liability of the owner and operator of a motor vehicle for a traffic control signal violation summons issued pursuant to the System shall be joint subject to provisions of the Act.

#### **Section 5. Fines.**

Any person liable for a traffic control signal violation, pursuant to this ordinance and the Act, utilizing the System shall be subject to the following fines:

Violation      \$85.00 to \$200.00

Late Fee      \$ 5.00 per month.

#### **Section 6. Repealer.**


All ordinances or parts of ordinances inconsistent or in conflict with this ordinance are hereby repealed as to said inconsistencies and conflicts.

**Section 7. Severability.**

If any section, part of any section, or clause or phrase of this ordinance is for any reason held to be invalid or unconstitutional, such decision shall not affect the remaining provisions of this Ordinance, and each section and subsection thereof, irrespective of the fact that any one or more of the subsections, sentences, clauses or phrases may be declared unconstitutional or invalid.

**Section 8. Effective Date.**

This Ordinance shall take effect immediately upon passage and publication according to law.

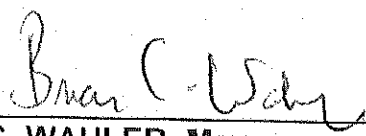
  
\_\_\_\_\_  
KENNETH ARMWOOD, Council President

Attest:

  
\_\_\_\_\_  
ANN NOLAN, Township Clerk

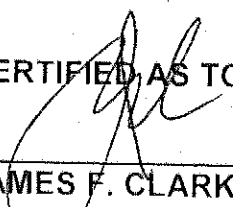
Adopted, First Reading: \_\_\_\_\_  
Publication Date: \_\_\_\_\_

Adopted, Second Reading: April 22, 2008.  
Publication Date: April 26, 2008.

  
\_\_\_\_\_  
BRIAN C. WAHLER, Mayor

Date: 4/25/08

CERTIFIED AS TO FORM AND LEGALITY:

  
\_\_\_\_\_  
JAMES F. CLARKIN III, ESQ., Director of Law

**STATEMENT OF PURPOSE**

The purpose of this ordinance is to establish a traffic control signal monitoring program within the Township of Piscataway.

**Be It Resolved,**  
(Seal)

By the Township Council of Piscataway Township,  
New Jersey, that:

**WHEREAS**, the Administration has been advised of the need for engineering services to conduct traffic counts at various intersections within the Township, in connection with the red light running cameras project; and

**WHEREAS**, **RBA GROUP**, has agreed to perform such professional services each in an amount not to exceed \$4,200.00; and

**WHEREAS**, the Director of Finance has certified that sufficient funds are available for this purpose, a copy of said Certification being annexed hereto; and

**WHEREAS**, the New Jersey Local Public Contracts Law, specifically N.J.S.A. 40A:11-5(1)(a)(i), requires that a resolution authorizing the award of a contract for professional services without competitive bids must be publically advertised, the within contract being one for generally recognized professional services, as defined by statute;

**NOW, THEREFORE, BE IT RESOLVED** by the Township Council of the Township of Piscataway as follows:

1. The Mayor and other appropriate officials be and are hereby authorized to enter into an agreement with **RBA GROUP**, with offices located at 7 Campus Drive, Suite 300, Parsippany, New Jersey 07054 for engineering services to conduct traffic counts at various intersections within the Township, for a sum not to exceed \$4,200.00; and

2. This contract is being awarded without competitive bids as a professional service under the provisions of the Local Public Contracts Law, more specifically addressed in the body of this resolution; and

3. The final form of said contract for these services shall be subject to the review and approval of the Township Attorney;

4. Notice of this Resolution shall be published as required by law.

PASSED AS A PART OF THE CONSENT AGENDA:

November 6, 2008


MOTION MADE BY: Mrs. Lombardi

SECONDED BY: Mr. Cahn

PASSED ON THE FOLLOWING VOTE:


YEAS: Messrs. Cahn, Griffith, Hardenburg, Keimel, Lombardi, Scott, & Armwood.

NAYS: —



Clerk of Piscataway Township

**ANN NOLAN**



President of Township Council

**KENNETH ARMWOOD**

I certify the foregoing to be a true and correct abstract of a resolution regularly passed at a meeting of the Township Council of Piscataway Township held on November 6, 2008 and in that respect is a true and correct copy of its minutes.



Clerk of the Township of Piscataway

**ANN NOLAN**

*Logis  
Cahn  
Griffith  
Hardenburg  
Keimel  
Lombardi  
Scott  
ZBA  
Patty*

**Be It Resolved,** (Seal) **By the Township Council of Piscataway Township,  
New Jersey, that:**

**WHEREAS**, the Administration has researched and reviewed the advisability of installing an automated photo enforcement system at various intersections of certain roads in the Township; and

**WHEREAS**, the Township of Piscataway has advertised for competitive contracting for the installation and management of an automated photo enforcement system as a "fair and open process" pursuant to N.J.S.A. 19:44A-20.4 et seq.; and

**WHEREAS**, the Township received three submissions, one of which was submitted by American Traffic Solutions; and

**WHEREAS**, the bid specifications for the automated photo enforcement system provided for a review of the various bids by a panel of Township officials, utilizing a set of evaluation criteria, management criteria, and cost criteria; and

**WHEREAS**, said specifications also provided for three pricing options; and

**WHEREAS**, the Administration has previously appointed Mayor Brian C. Wahler, Police Chief Richard Ivone, and Township Director of Law, James F. Clarkin III, Esq, as the panel of officials to review the bids submitted; and

**WHEREAS**, the Township of Piscataway has adopted the following resolution:  
**WHEREAS**, each of the three members of the panel rated **AUTOMATIC TRAFFIC SOLUTIONS** highest of the three entities submitting bids;

**NOW, THEREFORE, BE IT RESOLVED** by the Township Council of the Township of Piscataway as follows:

1. The Mayor and other appropriate officials be and are hereby authorized to enter into an agreement with **AMERICAN TRAFFIC SOLUTIONS**, with offices located at 7681 East Gray Road, Scottsdale, AZ 85260, which contract shall be consistent with the bids submitted by **AMERICAN TRAFFIC SOLUTIONS**, but subject to the review and approval of the final form of Contract for these services by the Township Director of Law.

2. The pricing option to be included in the Contract is Option 1 - per paid citation.

3. This contract is being awarded pursuant to the competitive contracting provisions of the Local Public Contracts Law, more specifically addressed in the body of this resolution; and



4. Notice of this Resolution shall be published as required by law.

**PASSED AS A PART OF THE CONSENT AGENDA:**

**February 1, 2011**


**MOTION MADE BY:** Mr. Griffith

**SECONDED BY:** Mrs. Lombardi

**PASSED ON THE FOLLOWING VOTE:**

**YEAS:** Messrs. Bullard, Cahill, Griffith, Lombardi, & Cahn.

**NAYS:** ---



Clerk of Piscataway Township

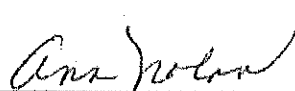
**ANN NOLAN**



President of Township Council

**STEVEN D. CAHN**

I certify the foregoing to be a true and correct abstract of a resolution regularly passed at a meeting of the Township Council of Piscataway Township held on February 1, 2011 and in that respect is a true and correct copy of its minutes.



Clerk of the Township of Piscataway

**ANN NOLAN**

Chief,

In an effort to identify the best location for the placement of Red Light Cameras, I researched the number of crashes at the busiest traffic signal intersections in town between the dates of January 1, 2006 and February 20, 2008. Below are the results:

1.	Stelton and Centennial	68
2.	Stelton and Washington	64
3.	Stelton and New Brunswick	54
4.	Stelton and Ethel	53
5.	River and Landing	40
6.	Stelton and Haines	32
	<del>Old New Brunswick and Centennial</del>	<del>32</del>
8.	Washington and Lakeview	31
	Possumtown and Centennial	31
10.	Stelton and Metlars	27
11.	River and Hoes	24
12.	Stelton and New Durham	21
	Washington and Centennial	21
14.	River and Centennial	17
15.	Hoes and Hoes West	14
16.	Washington and Metlars	7

*CONF. / S. ROAD 31*

Lt. Scott Iannuzzo

Intersection: Centennial Avenue & Old New Brunswick  
Year: 2005

<u>Citation</u>	<u>Quantity</u>
39:3- 4	5
39:3-10	1
39:3-29	1
39:3-36	1
39:3-40	5
39:3-76.2f	6
39:3-77	1
39:4-50	3
39:4-50g	1
39:4-67	1
39:4-81	14
39:4-82	1
39:4-85.1	1
39:4-91	1
39:4-96	1
39:4-97	9
39:4-97.1	1
39:4-98	1
39:4-116	2
39:4-124	1
39:4-125	1
39:4-126	1
39:4-6b.2	5
39:4-129	1
39:4-130	1
39:4-125	6
39:4-144	1
39:8-1	1
39:8-4	1

Intersection: Centennial Avenue & Old New Brunswick  
Year: 2006

<u>Citation</u>	<u>Quantity</u>
39:3- 4	5
39:3-10	1
39:3-29	2
39:3-33	1
39:3-40	1
39:3-44	1
39:3-66	3
39:3-70	1
39:3-76.2f	5
39-44.66.1	2
39:4-81	10
39:4-97	8
39:4-97.3	2
39:4-6b.2	2
39:4-124	1
39:4-125	1
39:4-144	1
39:8-4	1

Intersection: Centennial Avenue & Old New Brunswick  
Year: 2007

<u>Citation</u>	<u>Quantity</u>
39:3- 4	4
39:3-10	1
39:3-29	2
39:3-40	3
39:3-47	1
39:3-74	2
39:3-75	1
39:3-76.2f	5
39:3-77	1
39:4-50	2
39:4-50.14	1
39:4-67	1
39:4-81	17
39:4-85.1	1
39:4-88b	2
39:4-89	1
39:4-97	11
39:4-97.3	2
39:4-96	1
39:4-98	1
39:4-115	1
29:4-123	1
39:4-125	3
39:4-126	1
39:4-129	1
39:4-6b.2	3
39:8-4	1

Intersection: South Randolphville Road & Centennial Avenue  
Year: 2005

<u>Citation</u>	<u>Quantity</u>
39:3- 4	5
39:3-40	0
39:3-76.2f	6
39:3-10	4
39:3-66	1
39:3-77	1
39:4-50	2
39:4-51a	1
39:4-81	25
39:4-64	2
39:4-66.2	1
39:4-115	2
39:4-116	1
39:4-123	1
39:4-124	6
39:4-125	6
39:4-88a	4
39:4-88b	1
39:4-85	1
39:4-66.2	14
39:4-98	1
39:4-89	1
39:4-96	3
39:4-97	11
39:4-97.3	2
39:4-6b.2	3
39:4-90.1	1
39:8-4	1
39:8-1	2

Intersection: South Randolphville Road & Centennial Avenue  
Year: 2005

<u>Citation</u>	<u>Quantity</u>
39:3- 4	9
39:3-40	4
39:3-76.2f	1
39:3-10	1
39:3-44	6
39:3-29	4
39:4-50	0
39:4-51a	0
39:4-81	33
39:4-115	1
39:4-116	0
39:4-123	0
39:4-124	14
39:4-125	3
39:4-88a	0
39:4-88b	0
39:4-85	0
39:4-98	1
39:4-89	1
39:4-96	0
39:4-97	8
39:4-97.3	2
39:4-6b.2	5
39:4-82	0
39:4-85.1	1
39:4-86	1

Intersection: South Randolphville Road & Centennial Avenue  
Year: 2007

<u>Citation</u>	<u>Quantity</u>
39:3- 4	10
39:3-40	6
39:3-76.2f	1
39:3-10	0
39:3-44	0
39:3-29	3
39:3-74	1
39:3-66	2
39:3-77	2
39:3-33	4
39:3-70	2
39:4-50	0
39:4-51	0
39:4-81	26
39:4-115	4
39:4-124	7
39:4-125	3
39:4-88	1
39:4-88b	1
39:4-98	2
39:4-96	1
39:4-97.3	2
39:4-6b.2	6
39:4-56	1
39:4-126	1



Intersection: Stelton Road & Centennial Avenue  
Year: 2005

<u>Citation</u>	<u>Quantity</u>
39:3- 4	20
39:3-10	3
39:3-11	2
39:3-13.2	1
39:3-29	14
39:3-33	11
39:3-36	2
39:3-40	10
39:3-47	5
39:3-49	1
39:3-50	1
39:3-66	3
39:3-70	2
39:3-74	2
39:3-75	3
39:3-76.2f	28
39:3-77	5
39:4-49	0
39:4-50	9
39:4-50a	0
39:4-50.14	1
39:4-51.a	2
39:4-57	1
39:4-67	2
39:4-80	1
39:4-81	9
39:4-85	1
39:4-88	2
39:4-96	4
39:4-97	14
39:4-97.3	1
39:4-123	1
39:4-124	2
39:4-125	13
39:4-126	1
39:4-129	1

39:4-130	1
39:4-138	1
39:4-138o	12
39:4-144	1
39:5-35	2
39:6-B2	4
39:8-1	3
39:8-4	1
39:4-50.4A	1
39:4-82.1	1
39:4-115	0

Intersection: Stelton Road & Centennial Avenue  
Year: 2006

<u>Citation</u>	<u>Quantity</u>
39:3- 4	37
39:3-10	4
39:3-11	0
39:3-13.2	0
39:3-29	21
39:3-33	21
39:3-36	0
39:3-40	23
39:3-44	1
39:3-47	11
39:3-49	1
39:3-50	1
39:3-66	3
39:3-70	0
39:3-74	3
39:3-75	0
39:3-76.2f	14
39:3-77	13
39:4-50	7
39:4-50a	0
39:4-50.14	0
39:4-50.2	2
39:4-51.a	1
39:4-51b	2
39:4-57	0
30:4-61	1
39:4-67	3
39:4-80	0
39:4-81	14
39:4-85	0
39:4-88	6
39:4-96	1
39:4-97	17
39:4-97.3	5
39:4-123	2
39:4-124	0

39:4-125	69
39:4-126	0
39:4-129	2
39:4-130	2
39:4-138	3
39:4-138o	6
39:4-144	0
39:5-35	3
39:6-B2	21
39:8-1	12
39:8-4	3
39:9-9	10
39:4-50.4A	0
39:4-82	0
39:4-115	2

Intersection: Stelton Road & Centennial Avenue  
Year: 2007

<u>Citation</u>	<u>Quantity</u>
39:3- 4	33
39:3-10	0
39:3-11	0
39:3-13.2	0
39:3-29	0
39:3-33	0
39:3-36	0
39:3-44	0
39:3-49	0
39:3-50	0
39:3-66	0
39:3-70	0
39:3-74	3
39:3-75	0
39:3-76.2f	20
39:3-77	0
39:4-49	1
39:4-50	3
30:4-50a	0
39:4-50b	0
39:4-50.14	0
39:4-51.a	1
39:4-51b	1
39:4-57	0
30:4-64	4
39:4-67	1
39:4-80	0
39:4-81	13
39:4-85	1
39:4-88	4
39:4-91	1
39:4-96	2
39:4-97	15
39:4-97.3	5
39:4-123	0
39:4-124	5

39:4-125	66
39:4-126	0
39:4-129	2
39:4-130	2
39:4-138	0
39:4-138o	0
39:4-144	0
39:5-35	0
39:6-B2	0
39:8-1	0
39:8-4	0
39:9-9	10
39:4-50.4A	0
39:4-82	0
39:4-115	0

Intersection: Stelton Road & Ethel Avenue  
Year: 2005

<u>Citation</u>	<u>Quantity</u>
39:3- 4	13
39:3-40	6
39:3-76.2f	20
39:3-76.2a	4
39:4-49	1
39:4-50	1
39:4-81	13
39:4-96	0
39:4-97	23
39:4-97.3	0
39:4-123	0
39:4-124	28
39:4-125	0
39:4-144	0
39:4-67	1
39:4-88	0
39:4-85	13
39:4-66.2	16
39:4-98	6
39:4-129	1
39:4-86	65
39:4-126	2
39:4-127	1

Intersection: Stelton Road & Ethel Avenue  
Year: 2006

<u>Citation</u>	<u>Quantity</u>
39:3- 4	8
39:3-40	13
39:3-76.2f	103
39:3-76.2a	4
39:4-49	1
39:4-50	1
39:4-50.2	1
39:4-96	0
39:4-97	20
39:4-97.3	4
39:4-123	0
39:4-124	29
39:4-125	1
39:4-144	3
39:4-82	2
39:4-88	2
39:4-85	1
39:4-66.2	29
39:4-98	2
39:4-129	2
39:4-86	35
39:4-126	0
39:4-127	0
39:4-130	1



Intersection: Stelton Road & Ethel Avenue  
Year: 2007

<u>Citation</u>	<u>Quantity</u>
39:3- 4	20
39:3-40	5
39:3-76.2f	51
39:3-76.2a	1
39:4-49	0
39:4-50	0
39:4-50.2	0
39:4-65	0
39:4-66.2	13
39:4-81	10
39:4-115	1
39:4-123	0
39:4-124	36
39:4-125	0
39:4-144	2
39:4-82	0
39:4-88	0
39:4-85	10
39:4-66.2	14
39:4-98	1
39:4-86	27
39:4-96	0
39:4-97	16
39:4-97.3	5

Intersection: Stelton Road & New Brunswick Avenue  
Year: 2005

<u>Citation</u>	<u>Quantity</u>
39:3- 4	10
39:3-10	1
39:3-40	4
39:3-66	1
39:3-70	1
39:3-74	1
39:3-76	1
39:3-76.2a	1
39:3-76.2f	6
39:3-77	3
39:4-81	3
39:4-90	1
39:4-67	1
39:4-97	12
39:4-66.2	2
39:4-123	2
39:4-124	1
39:4-125	2
39:4-6b.2	5
39:8-1	2

Intersection: Stelton Road & New Brunswick Avenue

Year: 2007

<u>Citation</u>	<u>Quantity</u>
39:3- 4	10
39:3-10	7
39:3-33	0
39:3-36	1
39:3-40	12
39:3-49	1
39:3-66	2
39:3-70	1
39:3-71	1
39:3-75	3
39:3-76.2a	1
39:3-76.2f	2
39:3-77	2
39:4-49	1
39:4-50	0
39:4-64	1
39:4-66	0
39:4-67	0
39:4-90	1
39:4-67	1
39:4-81	3
39:4-85	0
39:4-88b	3
39:4-89	0
39:4-96	0
39:4-97	7
39:4-97.2	0
39:4-97.3	0
39:4-98	0
39:4-124	1
39:4-125	0
39:4-126	1
39:4-129	0
39:4-130	1
39:4-144	1
39:4-6b.2	3
39:8-4	1

Intersection: Stelton Road & Washington Avenue  
Year: 2005

<u>Citation</u>	<u>Quantity</u>
39:3- 4	16
39:3-40	17
39:3-76.2f	310
39:4-49	2
39:4-50	1
39:4-81	14
39:4-97	8
39:4-96	2
39:4-123	0
39:4-124	5
39:4-125	0
39:4-144	0
39:4-115	3
39:4-97.3	12
39:4-67	3
39:4-88	3

Intersection: Stelton Road & Washington Avenue  
Year: 2006

<u>Citation</u>	<u>Quantity</u>
39:3- 4	22
39:3-40	26
39:3-76.2f	294
39:4-49	1
39:4-50	1
39:4-50g	1
39:4-81	7
39:4-97	17
39:4-96	1
39:4-123	5
39:4-124	3
39:4-125	2
39:4-144	2
39:4-115	18
39:4-97.3	12
39:4-67	0
39:4-88	2

Intersection: Stelton Road & Washington Avenue  
Year: 2007

<u>Citation</u>	<u>Quantity</u>
39:3- 4	17
39:3-40	15
39:3-76.2f	222
39:4-49	3
39:4-50	4
39:4-50g	1
39:4-81	9
39:4-97	15
39:4-96	2
39:4-123	9
39:4-124	10
39:4-125	0
39:4-144	1
39:4-115	7
39:4-97.3	4
39:4-67	2
39:4-85	4
39:4-88	4
39:4-66.2	2

## Stelton Rd and Centennial Ave Intersection

2004-2006 Data

### Crash Table Data By Crash

ID	CASE_NUMBER	CRASH_DATE
513077	4012114	4/28/2004
513269	4016180	6/12/2004
513468	4020692	10/12/2004
513499	4021427	8/10/2004
513861	4029495	11/12/2004
513987	4031878	12/12/2004
830295	5005591	3/10/2005
831143	5026639	11/19/2005
1132098	6004362	2/23/2006
1132260	6008549	4/15/2006
1132337	6010223	5/4/2006
1132399	6011714	5/22/2006
1132539	6014517	6/22/2006
1132858	6022917	9/25/2006
1133093	6028425	11/24/2006

### Vehicle Table Data By Crash

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
513077	South	Changing Lanes
513077	South	Going Straight Ahead
513269	South	Going Straight Ahead
513269	South	Going Straight Ahead
513468	South	Stopped in Traffic
513468	South	Going Straight Ahead
513499	South	Going Straight Ahead
513499	South	Changing Lanes
513499	South	Slowing or Stopping
513861	East	Stopped in Traffic
513861	East	Making Right Turn (not turn on red)
513987	South	Stopped in Traffic
513987	South	Slowing or Stopping
513987	South	Going Straight Ahead
830295	South	Going Straight Ahead
830295	East	Making Right Turn (not turn on red)
831143	South	Going Straight Ahead
831143	West	Making Right Turn (not turn on red)
1132098	South	Starting in Traffic
1132098	South	Starting in Traffic
1132260	South	Stopped in Traffic
1132260	South	Starting in Traffic
1132337	South	Stopped in Traffic
1132337	South	Going Straight Ahead

1132399	South	Going Straight Ahead
1132399	East	Changing Lanes
1132399	South	Stopped in Traffic
1132539	South	Stopped in Traffic
1132539	South	Stopped in Traffic
1132539	South	Slowing or Stopping
1132858	South	Going Straight Ahead
1132858	South	Changing Lanes
1133093	West	Going Straight Ahead
1133093	South	Going Straight Ahead



CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE	CRASH_YEAR
Wednesday	8:22 PM	Same Direction - Side Swipe	2004
Saturday	11:19 PM	Same Direction - Side Swipe	2004
Tuesday	12:18 PM	Same Direction - Rear End	2004
Tuesday	10:12 AM	Same Direction - Side Swipe	2004
Friday	10:55 PM	Same Direction - Rear End	2004
Sunday	10:38 PM	Same Direction - Rear End	2004
Thursday	9:14 AM	Right Angle	2005
Saturday	8:11 PM	Right Angle	2005
Thursday	10:55 AM	Same Direction - Rear End	2006
Saturday	11:44 AM	Same Direction - Rear End	2006
Thursday	3:37 PM	Same Direction - Rear End	2006
Monday	3:45 PM	Right Angle	2006
Thursday	12:42 PM	Same Direction - Rear End	2006
Monday	2:16 PM	Same Direction - Side Swipe	2006
Friday	9:51 AM	Right Angle	2006

VEHICLE\_TYPE

Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit (2 axle)  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION	INTERSECTION
100	Clear	Not At Intersection
150	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
[null]	Rain	At Intersection
[null]	Clear	At Intersection
10	Clear	At Intersection
100	Clear	Not At Intersection
10	Clear	Not At Intersection
10	Clear	Not At Intersection
20	Clear	Not At Intersection
150	Clear	Not At Intersection
[null]	Clear	Not At Intersection
300	Clear	Not At Intersection
[null]	Clear	At Intersection

LIGHT_CONDITION	LOCATION_DIRECTION	POSTED_SPEED
Dark (Street Lights On/ continuous)	Null	40
Dark (Street Lights On/ continuous)	Null	45
Daylight	Null	40
Daylight	Null	0
Dark (Street Lights On/ continuous)	Null	35
Dark (Street Lights On/ continuous)	Null	40
Daylight	Null	45
Dark (Street Lights On/ continuous)	Null	45
Daylight	South	35
Daylight	South	40
Daylight	South	40
Daylight	South	40
Daylight	Null	35
Daylight	Null	40
Daylight	Null	40

SEVERITY

Property Damage

Injury

Injury

Property Damage

Property Damage

Property Damage

Property Damage

Property Damage

Injury

Injury

Property Damage

Property Damage

Injury

Property Damage

Property Damage

**South Washington Ave and Centennial Ave Intersection**  
 2004-2006 Data

**Crash Table Data By Crash**

ID	Narrative	CASE_NUMBER	CRASH_DATE
512504	n/a	Apr-98	1/17/2004
512607	n/a	Apr-48	2/8/2004
512720	n/a	2004-2447	1/20/2004
512802	n/a	2004-5408	2/11/2004
512852	n/a	400-8358	3/12/2004
512954	n/a	4008959	3/20/2004
513131	n/a	4013369	5/13/2004
513210	n/a	4015272?	6/2/2004
513270	n/a	4016211	6/13/2004
513307	n/a	4016944	6/21/2004
513372	n/a	4018792	7/12/2004
513413	n/a	4019521	7/20/2004
513418	n/a	4019673	7/21/2004
513480	n/a	4021007	8/5/2004
513580	n/a	4023421	9/1/2004
513767	n/a	4027453	10/20/2004
513775	n/a	4027686	10/23/2004
513791	n/a	4028102	10/28/2004
513911	n/a	4030465	11/24/2004
514028	n/a	4032709	12/23/2004
514037	n/a	4032797	12/24/2004
830001	n/a	5000121	1/3/2005
830174	n/a	5003517	2/13/2005
830180	n/a	5003632	2/14/2005
830445	n/a	5009688	4/29/2005
830452	n/a	5009792	5/1/2005
830532	n/a	5011791	5/26/2005
830650	n/a	5014516	6/28/2005
830709	n/a	5016002	7/16/2005
830751	n/a	5017248	7/29/2005
830923	n/a	5022078	9/26/2005
831057	n/a	5024792	10/29/2005
831165	n/a	5027237	11/28/2005
831178	n/a	5027576	12/1/2005
831307	n/a	5029682	12/29/2005
1131910	n/a	6000021	1/1/2006
1131935	n/a	600080	1/2/2006
1132191	n/a	6006815	3/24/2006
1132192	n/a	6006827	3/25/2006
1132348	n/a	6010529	5/8/2006
1132372	n/a	6011241	5/17/2006
1132507	n/a	6013838	6/14/2006

1132509	n/a	6013875	6/14/2006
1132737	n/a	6019502	8/17/2006
1132751	n/a	6019739	8/19/2006
1132968	n/a	6025633	10/24/2006
1132971	n/a	6025728	10/25/2006
1132993	n/a	6026192	10/30/2006
1133187	n/a	6030474	12/18/2006
1133219	n/a	6031237	12/28/2006

### Vehicle Table Data By Crash

ID	Narrative	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512504	n/a	South	Going Straight Ahead
512607	n/a	West	Starting in Traffic
512607	n/a	West	Stopped in Traffic
512720	n/a	South	Stopped in Traffic
512720	n/a	South	Slowing or Stopping
512720	n/a	South	Slowing or Stopping
512802	n/a	West	Stopped in Traffic
512802	n/a	West	Going Straight Ahead
512852	n/a	West	Going Straight Ahead
512852	n/a	South	Going Straight Ahead
512954	n/a	West	Starting in Traffic
512954	n/a	North	Going Straight Ahead
513131	n/a	North	Stopped in Traffic
513131	n/a	North	Slowing or Stopping
513210	n/a	West	Going Straight Ahead
513210	n/a	North	Going Straight Ahead
513270	n/a	West	Stopped in Traffic
513270	n/a	West	Slowing or Stopping
513270	n/a	West	Stopped in Traffic
513307	n/a	South	Stopped in Traffic
513307	n/a	South	Slowing or Stopping
513372	n/a	West	Stopped in Traffic
513372	n/a	South	Merging/Entering Traf Lane
513413	n/a	South	Stopped in Traffic
513413	n/a	South	Going Straight Ahead
513418	n/a	South	Going Straight Ahead
513418	n/a	South	Going Straight Ahead
513480	n/a	South	Merging/Entering Traf Lane
513480	n/a	South	Going Straight Ahead
513580	n/a	West	Stopped in Traffic
513580	n/a	West	Slowing or Stopping
513767	n/a	East	Slowing or Stopping
513767	n/a	East	Stopped in Traffic
513775	n/a	South	Stopped in Traffic
513775	n/a	South	Starting in Traffic
513791	n/a	South	Going Straight Ahead

<u>513791</u>	n/a	West	Making Right Turn (not turn on red)
<u>513911</u>	n/a	South	Making Right Turn (not turn on red)
<u>514028</u>	n/a	South	Slowing or Stopping
<u>514028</u>	n/a	South	Stopped in Traffic
<u>514037</u>	n/a	South	Stopped in Traffic
<u>514037</u>	n/a	South	Slowing or Stopping
<u>830001</u>	n/a	South	Going Straight Ahead
<u>830001</u>	n/a	South	Going Straight Ahead
<u>830174</u>	n/a	South	Making Left Turn
<u>830174</u>	n/a	West	Going Straight Ahead
<u>830180</u>	n/a	North	Going Straight Ahead
<u>830180</u>	n/a	West	Making U Turn
<u>830445</u>	n/a	South	Stopped in Traffic
<u>830445</u>	n/a	South	Slowing or Stopping
<u>830452</u>	n/a	North	Going Straight Ahead
<u>830452</u>	n/a	South	Making U Turn
<u>830532</u>	n/a	South	Changing Lanes
<u>830532</u>	n/a	South	Slowing or Stopping
<u>830650</u>	n/a	North	Starting in Traffic
<u>830650</u>	n/a	East	Going Straight Ahead
<u>830709</u>	n/a	South	Stopped in Traffic
<u>830709</u>	n/a	South	Slowing or Stopping
<u>830751</u>	n/a	South	Stopped in Traffic
<u>830751</u>	n/a	South	Starting in Traffic
<u>830923</u>	n/a	North	Starting in Traffic
<u>830923</u>	n/a	West	Going Straight Ahead
<u>831057</u>	n/a	South	Going Straight Ahead
<u>831165</u>	n/a	West	Going Straight Ahead
<u>831165</u>	n/a	South	Making Left Turn
<u>831178</u>	n/a	North	Starting in Traffic
<u>831178</u>	n/a	North	Going Straight Ahead
<u>831307</u>	n/a	West	Going Straight Ahead
<u>831307</u>	n/a	West	Going Straight Ahead
<u>1131910</u>	n/a	North	Going Straight Ahead
<u>1131935</u>	n/a	North	Going Straight Ahead
<u>1132191</u>	n/a	South	Going Straight Ahead
<u>1132191</u>	n/a	North	Going Straight Ahead
<u>1132192</u>	n/a	North	Going Straight Ahead
<u>1132192</u>	n/a	East	Going Straight Ahead
<u>1132348</u>	n/a	South	Slowing or Stopping
<u>1132348</u>	n/a	South	Slowing or Stopping
<u>1132372</u>	n/a	South	Stopped in Traffic
<u>1132372</u>	n/a	South	Slowing or Stopping
<u>1132507</u>	n/a	East	Stopped in Traffic
<u>1132507</u>	n/a	East	Going Straight Ahead
<u>1132509</u>	n/a	North	Going Straight Ahead
<u>1132509</u>	n/a	North	Merging/Entering Traf Lane



1132737	n/a	North	Starting in Traffic
1132737	n/a	West	Going Straight Ahead
1132751	n/a	South	Stopped in Traffic
1132751	n/a	South	Going Straight Ahead
1132968	n/a	East	Stopped in Traffic
1132968	n/a	East	Going Straight Ahead
1132971	n/a	East	Going Straight Ahead
1132971	n/a	East	Changing Lanes
1132993	n/a	South	Stopped in Traffic
1132993	n/a	South	Going Straight Ahead
1133187	n/a	South	Stopped in Traffic
1133187	n/a	South	Going Straight Ahead
1133219	n/a	South	Going Straight Ahead
1133219	n/a	South	Making Left Turn

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE
Saturday	6:45 PM	Animal
Sunday	10:24 AM	Same Direction - Rear End
Tuesday	2:58 PM	Same Direction - Rear End
Wednesday	9:45 PM	Same Direction - Rear End
Friday	8:38 PM	Right Angle
Saturday	12:47 PM	Right Angle
Thursday	10:02 AM	Same Direction - Rear End
Wednesday	10:59 AM	Right Angle
Sunday	3:57 PM	Same Direction - Rear End
Monday	5:47 PM	Same Direction - Rear End
Monday	1:11 PM	Right Angle
Tuesday	3:32 PM	Same Direction - Rear End
Wednesday	9:44 PM	Same Direction - Rear End
Thursday	7:17 PM	Same Direction - Side Swipe
Wednesday	5:54 PM	Same Direction - Rear End
Wednesday	3:19 PM	Same Direction - Rear End
Saturday	1:01 PM	Same Direction - Rear End
Thursday	8:58 AM	Right Angle
Wednesday	10:06 PM	Fixed Object
Thursday	2:39 PM	Same Direction - Rear End
Friday	5:37 PM	Same Direction - Rear End
Monday	8:30 AM	Same Direction - Side Swipe
Sunday	9:11 AM	Right Angle
Monday	6:05 PM	Right Angle
Friday	4:54 PM	Same Direction - Rear End
Sunday	1:01 AM	Opposite Direction - Head On/Angular
Thursday	1:27 PM	Same Direction - Side Swipe
Tuesday	3:24 PM	Right Angle
Saturday	3:25 PM	Same Direction - Rear End
Friday	4:57 PM	Same Direction - Rear End
Monday	9:54 AM	Right Angle
Saturday	7:21 PM	Other
Monday	5:40 PM	Right Angle
Thursday	6:16 PM	Same Direction - Rear End
Thursday	5:16 PM	Same Direction - Rear End
Sunday	5:31 AM	Fixed Object
Monday	4:07 PM	Fixed Object
Friday	11:33 PM	Fixed Object
Saturday	5:26 AM	Right Angle
Monday	4:50 PM	Same Direction - Rear End
Wednesday	10:45 AM	Same Direction - Rear End
Wednesday	12:32 PM	Same Direction - Rear End

Wednesday	8:04 PM	Same Direction - Rear End
Thursday	7:14 AM	Right Angle
Saturday	6:18 PM	Same Direction - Side Swipe
Tuesday	9:26 AM	Same Direction - Rear End
Wednesday	9:47 AM	Same Direction - Side Swipe
Monday	9:36 AM	Same Direction - Rear End
Monday	12:12 PM	Same Direction - Rear End
Thursday	9:39 AM	Same Direction - Rear End

VEHICLE\_TYPE

Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Passenger Van (< 9 Seats)  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

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Pickup

Car/Station Wagon/Minivan

Pickup

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Car/Station Wagon/Minivan

Pickup

Pickup

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Pickup

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

(reserved)

(reserved)

(reserved)

(reserved)

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

(reserved)

(reserved)

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

CRASH_YEAR	DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION
2004	100	Clear
2004	200	Clear
2004	50	Clear
2004	820	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	20	Rain
2004	200	Clear
2004	75	Clear
2004	75	Rain
2004	[null]	Clear
2004	200	Clear
2004	75	Clear
2004	[null]	Clear
2004	25	Rain
2004	[null]	Rain
2004	75	Clear
2005	100	Clear
2005	[null]	Clear
2005	1	Rain
2005	[null]	Clear
2005	[null]	Rain
2005	30	Clear
2005	[null]	Clear
2005	20	Clear
2005	[null]	Clear
2005	[null]	Clear
2005	200	Clear
2005	[null]	Clear
2005	50	Clear
2005	100	Rain
2006	[null]	Clear
2006	200	Rain
2006	1320	Clear
2006	[null]	Clear
2006	5	Clear
2006	50	Clear
2006	[null]	Clear

2006	0	Rain
2006	[null]	Clear
2006	150	Rain
2006	25	Clear
2006	100	Clear
2006	25	Clear
2006	20	Clear
2006	[null]	Clear

INTERSECTION	LIGHT_CONDITION	SEVERITY
Not At Intersection	Dusk	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Dark (Street Lights On/ continuous)	Fatal
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dusk	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dusk	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Dawn	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage



Not At Intersection	Dusk	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage

# Stelton Rd and Washington Ave Intersection

2004-2006 Data

## Crash Table Data By Crash

ID	CASE_NUMBER	CRASH_DATE
512493	04-1725	1/14/2004
512520	Apr-72	1/20/2004
512611	Apr-73	2/9/2004
512675	2004-05658	2/15/2004
512736	2004-3068	1/25/2004
512761	2004-402	1/5/2004
512831	2004-949	1/9/2004
512855	400-8615	3/16/2004
512917	4008171	3/11/2004
512934	4008582	3/15/2004
512962	4009171	3/23/2004
512963	4009173	3/23/2004
513020	4010901	4/14/2004
513063	4011937	4/26/2004
513064	4011941	4/26/2004
513065	4011948	4/26/2004
513109	4012774	5/6/2004
513174	4014501	5/24/2004
513268	4016173	6/12/2004
513329	4017519	6/28/2004
513342	4017945	7/2/2004
513444	4020143	7/27/2004
513524	4022004	8/16/2004
513583	4023483	9/2/2004
513662	4025327	9/25/2004
513663	4025331	9/25/2004
513683	4025888	10/1/2004
513758	4027380	10/19/2004
513788	4028064	10/27/2004
513845	4029306	11/10/2004
513850	4029429	11/12/2004
513868	4029615	11/14/2004
513919	4030658	11/27/2004
513927	4030850	11/30/2004
513933	4030951	12/1/2004
513994	4031923	12/13/2004
514004	4032123	12/15/2004
514070	476387	6/15/2004
830013	5000387	1/5/2005
830019	5000434	1/6/2005
830039	5001001	1/13/2005
830074	5001493	1/20/2005

<u>830076</u>	5001515	1/20/2005
<u>830193</u>	5003960	2/18/2005
<u>830209</u>	5004242	2/22/2005
<u>830245</u>	5004842	3/1/2005
<u>830307</u>	5005872	3/14/2005
<u>830349</u>	5006932	3/27/2005
<u>830381</u>	5007797	4/7/2005
<u>830399</u>	5008171	4/12/2005
<u>830517</u>	50113452	6/15/2005
<u>830546</u>	5012171	5/31/2005
<u>830609</u>	5013384	6/14/2005
<u>830621</u>	5013717	6/18/2005
<u>830652</u>	5014537	6/28/2005
<u>830673</u>	5014938	7/3/2005
<u>830692</u>	5015558	7/11/2005
<u>830694</u>	5015637	7/12/2005
<u>830727</u>	5016560	7/22/2005
<u>830761</u>	5017549	8/2/2005
<u>830774</u>	5017938	8/7/2005
<u>830783</u>	5018194	8/10/2005
<u>830798</u>	5018715	8/16/2005
<u>830832</u>	5019556	8/26/2005
<u>830843</u>	5019813	8/30/2005
<u>830872</u>	5020736	9/10/2005
<u>830888</u>	5021113	9/15/2005
<u>830892</u>	5021217	9/16/2005
<u>830993</u>	5023481	10/14/2005
<u>831036</u>	5024393	10/25/2005
<u>831120</u>	5026341	11/16/2005
<u>831121</u>	5026350	11/16/2005
<u>831218</u>	5028095	12/8/2005
<u>831241</u>	5028349	12/11/2005
<u>831258</u>	5028645	12/14/2005
<u>831259</u>	5028655	12/14/2005
<u>831269</u>	5028797	12/16/2005
<u>1131941</u>	6000875	1/12/2006
<u>1131989</u>	6001926	1/25/2006
<u>1132066</u>	6003634	2/15/2006
<u>1132111</u>	6004644	2/27/2006
<u>1132201</u>	6007056	3/28/2006
<u>1132203</u>	6007085	3/28/2006
<u>1132277</u>	6008993	4/20/2006
<u>1132384</u>	6011334	5/18/2006
<u>1132405</u>	6011904	5/24/2006
<u>1132411</u>	6011973	5/24/2006
<u>1132417</u>	6012088	5/26/2006
<u>1132457</u>	6012772	6/2/2006

1132463	6012846	6/3/2006
1132465	6012900	6/4/2006
1132490	6013402	6/9/2006
1132503	6013745	6/13/2006
1132535	6014360	6/20/2006
1132556	6015028	6/28/2006
1132722	6019141	8/13/2006
1132734	6019446	8/16/2006
1132754	6019815	8/20/2006
1132767	6020077	8/23/2006
1132825	6022006	9/15/2006
1132830	6022186	9/17/2006
1132836	6022535	9/20/2006
1132837	6022559	9/21/2006
1132938	6025042	10/17/2006
1132941	6025052	10/17/2006
1133012	6026514	11/2/2006
1133023	6026687	11/4/2006
1133029	6026781	11/5/2006
1133056	6027542	11/14/2006
1133088	6028284	11/22/2006
1133163	6029961	12/11/2006
1133178	6030316	12/15/2006
1133186	6030460	12/18/2006

### Vehicle Table Data By Crash

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512493	South	Going Straight Ahead
512493	East	Making Left Turn
512520	South	Going Straight Ahead
512520	South	Changing Lanes
512611	South	Stopped in Traffic
512611	South	Starting in Traffic
512675	North	Going Straight Ahead
512736	South	Going Straight Ahead
512736	North	Making Left Turn
512761	North	Stopped in Traffic
512761	North	Slowing or Stopping
512831	North	Slowing or Stopping
512831	North	Going Straight Ahead
512855	North	Parked
512855	South	Backing
512917	North	Stopped in Traffic
512917	South	Backing
512934	North	Making Left Turn
512934	South	Going Straight Ahead
512962	South	Going Straight Ahead

512962	South	Changing Lanes
512963	South	Stopped in Traffic
512963	South	Slowing or Stopping
513020	South	Making Right Turn (not turn on red)
513020	South	Changing Lanes
513063	West	Slowing or Stopping
513063	West	Slowing or Stopping
513064	East	Stopped in Traffic
513064	East	Slowing or Stopping
513065	South	Slowing or Stopping
513065	South	Stopped in Traffic
513109	South	Going Straight Ahead
513109	South	Going Straight Ahead
513174	South	Stopped in Traffic
513174	South	Slowing or Stopping
513174	South	Slowing or Stopping
513174	South	Slowing or Stopping
513268	South	Going Straight Ahead
513268	North	Making Left Turn
513329	South	Stopped in Traffic
513329	South	Going Straight Ahead
513342	South	Changing Lanes
513342	South	Going Straight Ahead
513444	North	Stopped in Traffic
513444	North	Starting in Traffic
513524	South	Slowing or Stopping
513524	South	Stopped in Traffic
513583	South	Going Straight Ahead
513583	West	Making Left Turn
513662	North	Going Straight Ahead
513662	East	Making Left Turn
513663	South	Going Straight Ahead
513663	West	Making Left Turn
513683	South	Making Right Turn (not turn on red)
513683	South	Going Straight Ahead
513758	South	Stopped in Traffic
513758	South	Slowing or Stopping
513788	East	Stopped in Traffic
513788	East	Slowing or Stopping
513788	East	Going Straight Ahead
513845	South	Going Straight Ahead
513845	East	Making Right Turn (not turn on red)
513850	West	Going Straight Ahead
513850	South	Making Left Turn
513868	South	Stopped in Traffic
513868	South	Going Straight Ahead
513919	South	Going Straight Ahead

513919	West	Making Left Turn
513927	South	Changing Lanes
513927	South	Going Straight Ahead
513933	South	Going Straight Ahead
513933	South	Changing Lanes
513994	North	Starting in Traffic
513994	North	Stopped in Traffic
514004	North	Slowing or Stopping
514004	North	Going Straight Ahead
514070	South	Going Straight Ahead
514070	South	Making Right Turn (not turn on red)
830013	South	Going Straight Ahead
830013	South	Changing Lanes
830019	South	Going Straight Ahead
830019	South	Changing Lanes
830039	North	Going Straight Ahead
830039	North	Changing Lanes
830074	South	Going Straight Ahead
830074	West	Making Left Turn
830076	South	Going Straight Ahead
830076	East	Making Right Turn (not turn on red)
830193	North	Slowing or Stopping
830193	North	Slowing or Stopping
830209	South	Going Straight Ahead
830209	South	Going Straight Ahead
830245	East	Other Veh/Cyclist Action
830245	South	Going Straight Ahead
830307	North	Making Right Turn (not turn on red)
830307	North	Making Right Turn (not turn on red)
830349	East	Going Straight Ahead
830349	South	Making Left Turn
830381	North	Stopped in Traffic
830381	North	Going Straight Ahead
830399	South	Changing Lanes
830399	South	Going Straight Ahead
830517	East	Making Left Turn
830517	West	Making Left Turn
830546	South	Slowing or Stopping
830546	South	Slowing or Stopping
830609	North	Stopped in Traffic
830609	North	Making Right Turn (not turn on red)
830621	North	Going Straight Ahead
830621	West	Making Left Turn
830652	North	Slowing or Stopping
830652	North	Going Straight Ahead
830673	South	Stopped in Traffic
830673	South	Going Straight Ahead

830692	North	Going Straight Ahead
830692	North	Making Right Turn (not turn on red)
830694	South	Going Straight Ahead
830694	South	Making Right Turn (not turn on red)
830727	South	Starting in Traffic
830727	South	Stopped in Traffic
830727	South	Stopped in Traffic
830761	North	Going Straight Ahead
830761	South	Making Left Turn
830774	South	Stopped in Traffic
830774	South	Slowing or Stopping
830783	South	Stopped in Traffic
830783	South	Starting in Traffic
830798	South	Going Straight Ahead
830798	South	Going Straight Ahead
830832	South	Starting in Traffic
830832	South	Stopped in Traffic
830843	North	Stopped in Traffic
830843	North	Slowing or Stopping
830872	West	Making Right Turn (not turn on red)
830872	West	Making Right Turn (not turn on red)
830888	North	Stopped in Traffic
830888	North	Slowing or Stopping
830892	East	Making Left Turn
830892	East	Making Left Turn
830993	North	Stopped in Traffic
830993	North	Going Straight Ahead
831036	North	Stopped in Traffic
831036	North	Slowing or Stopping
831120	North	Going Straight Ahead
831120	North	Merging/Entering Traf Lane
831121	South	Going Straight Ahead
831121	North	Making Left Turn
831218	West	Making Left Turn
831218	East	Going Straight Ahead
831241	South	Going Straight Ahead
831241	South	Going Straight Ahead
831258	South	Making Right Turn (not turn on red)
831258	South	Making Right Turn (not turn on red)
831259	East	Going Straight Ahead
831259	East	Making Left Turn
831269	West	Stopped in Traffic
831269	West	Changing Lanes
1131941	South	Going Straight Ahead
1131941	South	Changing Lanes
1131989	South	Stopped in Traffic
1131989	South	Going Straight Ahead

1132066	North	Going Straight Ahead
1132066	North	Changing Lanes
1132111	North	Going Straight Ahead
1132111	North	Going Straight Ahead
1132201	South	Making Right Turn (not turn on red)
1132201	South	Going Straight Ahead
1132203	South	Going Straight Ahead
1132203	South	Starting in Traffic
1132277	South	Going Straight Ahead
1132277	West	Making Left Turn
1132384	North	Stopped in Traffic
1132384	North	Slowing or Stopping
1132405	North	Going Straight Ahead
1132411	North	Going Straight Ahead
1132411	North	Changing Lanes
1132417	South	Going Straight Ahead
1132417	South	Changing Lanes
1132457	South	Stopped in Traffic
1132457	South	Slowing or Stopping
1132463	South	Stopped in Traffic
1132463	South	Going Straight Ahead
1132465	South	Going Straight Ahead
1132465	South	Going Straight Ahead
1132490	South	Slowing or Stopping
1132490	South	Changing Lanes
1132503	South	Going Straight Ahead
1132503	South	Stopped in Traffic
1132535	West	Making Right Turn (not turn on red)
1132556	South	Stopped in Traffic
1132556	South	Slowing or Stopping
1132722	North	Going Straight Ahead
1132722	West	Going Straight Ahead
1132734	South	Changing Lanes
1132734	South	Going Straight Ahead
1132754	South	Stopped in Traffic
1132754	South	Slowing or Stopping
1132767	South	Going Straight Ahead
1132767	South	Merging/Entering Traf Lane
1132825	South	Stopped in Traffic
1132825	South	Stopped in Traffic
1132825	South	Slowing or Stopping
1132830	North	Making Left Turn
1132830	North	Making Left Turn
1132836	South	Going Straight Ahead
1132836	North	Making Left Turn
1132837	North	Stopped in Traffic
1132837	North	Making Left Turn



1132938	East	Stopped in Traffic
1132938	East	Slowing or Stopping
1132941	North	Making Right Turn (not turn on red)
1132941	North	Going Straight Ahead
1133012	South	Slowing or Stopping
1133012	South	Slowing or Stopping
1133023	North	Slowing or Stopping
1133023	North	Slowing or Stopping
1133029	North	Going Straight Ahead
1133029	North	Changing Lanes
1133056	North	Slowing or Stopping
1133056	North	Changing Lanes
1133088	North	Stopped in Traffic
1133088	North	Slowing or Stopping
1133163	East	Going Straight Ahead
1133163	South	Making Left Turn
1133178	South	Starting in Traffic
1133178	South	Changing Lanes
1133186	South	Making Left Turn
1133186	North	Backing

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE	CRASH_YEAR
Wednesday	8:29 PM	Right Angle	2004
Tuesday	6:03 PM	Same Direction - Side Swipe	2004
Monday	1:40 PM	Same Direction - Rear End	2004
Sunday	6:03 AM	Other	2004
Sunday	9:17 AM	Left Turn / U Turn	2004
Monday	1:42 PM	Same Direction - Rear End	2004
Friday	9:23 AM	Same Direction - Rear End	2004
Tuesday	9:53 AM	Struck Parked Vehicle	2004
Thursday	6:56 AM	Other	2004
Monday	8:31 PM	Left Turn / U Turn	2004
Tuesday	8:44 AM	Same Direction - Side Swipe	2004
Tuesday	9:00 AM	Same Direction - Rear End	2004
Wednesday	3:02 PM	Same Direction - Side Swipe	2004
Monday	11:52 AM	Same Direction - Rear End	2004
Monday	12:41 PM	Same Direction - Rear End	2004
Monday	2:54 PM	Same Direction - Rear End	2004
Thursday	7:25 PM	Same Direction - Side Swipe	2004
Monday	7:50 PM	Same Direction - Rear End	2004
Saturday	9:42 PM	Left Turn / U Turn	2004
Monday	6:39 AM	Same Direction - Rear End	2004
Friday	4:45 PM	Same Direction - Side Swipe	2004
Tuesday	2:19 PM	Same Direction - Rear End	2004
Monday	11:12 AM	Same Direction - Rear End	2004
Thursday	10:56 AM	Right Angle	2004
Saturday	11:49 AM	Right Angle	2004
Saturday	12:57 PM	Right Angle	2004
Friday	4:32 PM	Same Direction - Rear End	2004
Tuesday	4:11 PM	Same Direction - Rear End	2004
Wednesday	9:41 PM	Same Direction - Rear End	2004
Wednesday	6:40 PM	Right Angle	2004
Friday	7:12 AM	Right Angle	2004
Sunday	6:34 PM	Same Direction - Rear End	2004
Saturday	7:35 PM	Right Angle	2004
Tuesday	6:54 AM	Same Direction - Side Swipe	2004
Wednesday	4:26 AM	Same Direction - Side Swipe	2004
Monday	2:47 PM	Same Direction - Rear End	2004
Wednesday	8:03 PM	Same Direction - Rear End	2004
Tuesday	[null]	Same Direction - Side Swipe	2004
Wednesday	6:29 PM	Same Direction - Side Swipe	2005
Thursday	[null]	Same Direction - Side Swipe	2005
Thursday	5:11 PM	Same Direction - Side Swipe	2005
Thursday	12:47 PM	Right Angle	2005

Thursday	5:07 PM	Right Angle	2005
Friday	5:21 PM	Same Direction - Rear End	2005
Tuesday	10:42 AM	Same Direction - Rear End	2005
Tuesday	9:37 AM	Right Angle	2005
Monday	11:28 AM	Same Direction - Side Swipe	2005
Sunday	9:00 PM	Right Angle	2005
Thursday	8:58 PM	Same Direction - Rear End	2005
Tuesday	6:04 PM	Same Direction - Side Swipe	2005
Wednesday	4:30 PM	Left Turn / U Turn	2005
Tuesday	4:59 PM	Same Direction - Rear End	2005
Tuesday	9:49 PM	Same Direction - Side Swipe	2005
Saturday	7:30 PM	Right Angle	2005
Tuesday	6:15 PM	Same Direction - Rear End	2005
Sunday	3:42 PM	Same Direction - Rear End	2005
Monday	12:37 PM	Same Direction - Side Swipe	2005
Tuesday	11:48 AM	Same Direction - Side Swipe	2005
Friday	8:20 AM	Same Direction - Rear End	2005
Tuesday	12:24 PM	Left Turn / U Turn	2005
Sunday	8:31 AM	Same Direction - Rear End	2005
Wednesday	9:52 AM	Same Direction - Rear End	2005
Tuesday	1:47 PM	Same Direction - Side Swipe	2005
Friday	7:42 PM	Same Direction - Side Swipe	2005
Tuesday	7:29 AM	Same Direction - Rear End	2005
Saturday	1:10 PM	Same Direction - Side Swipe	2005
Thursday	9:12 AM	Same Direction - Rear End	2005
Friday	11:02 AM	Same Direction - Side Swipe	2005
Friday	8:41 AM	Same Direction - Rear End	2005
Tuesday	2:51 PM	Same Direction - Rear End	2005
Wednesday	1:41 PM	Same Direction - Side Swipe	2005
Wednesday	2:53 PM	Left Turn / U Turn	2005
Thursday	7:08 AM	Left Turn / U Turn	2005
Sunday	11:06 AM	Same Direction - Side Swipe	2005
Wednesday	4:41 PM	Same Direction - Side Swipe	2005
Wednesday	8:02 PM	Same Direction - Side Swipe	2005
Friday	6:38 PM	Same Direction - Side Swipe	2005
Thursday	5:30 PM	Same Direction - Side Swipe	2006
Wednesday	7:54 PM	Same Direction - Rear End	2006
Wednesday	8:51 AM	Same Direction - Side Swipe	2006
Monday	11:08 AM	Same Direction - Side Swipe	2006
Tuesday	12:09 PM	Same Direction - Side Swipe	2006
Tuesday	7:12 PM	Same Direction - Side Swipe	2006
Thursday	12:25 PM	Right Angle	2006
Thursday	1:36 PM	Same Direction - Rear End	2006
Wednesday	10:49 AM	Fixed Object	2006
Wednesday	11:55 PM	Same Direction - Side Swipe	2006
Friday	7:58 AM	Same Direction - Side Swipe	2006
Friday	3:40 PM	Same Direction - Rear End	2006

Saturday	3:10 PM	Same Direction - Rear End	2006
Sunday	9:56 AM	Same Direction - Side Swipe	2006
Friday	9:20 PM	Same Direction - Side Swipe	2006
Tuesday	2:47 PM	Same Direction - Rear End	2006
Tuesday	4:23 PM	Fixed Object	2006
Wednesday	1:45 PM	Same Direction - Rear End	2006
Sunday	9:23 AM	Right Angle	2006
Wednesday	1:47 PM	Same Direction - Side Swipe	2006
Sunday	1:24 PM	Same Direction - Rear End	2006
Wednesday	5:52 PM	Same Direction - Side Swipe	2006
Friday	8:14 AM	Same Direction - Rear End	2006
Sunday	4:42 PM	Same Direction - Side Swipe	2006
Wednesday	7:47 PM	Left Turn / U Turn	2006
Thursday	6:52 AM	Same Direction - Rear End	2006
Tuesday	6:53 PM	Same Direction - Rear End	2006
Tuesday	8:49 PM	Same Direction - Side Swipe	2006
Thursday	9:03 AM	Same Direction - Rear End	2006
Saturday	8:00 AM	Same Direction - Rear End	2006
Sunday	12:25 PM	Same Direction - Side Swipe	2006
Tuesday	6:36 AM	Same Direction - Side Swipe	2006
Wednesday	11:00 AM	Same Direction - Rear End	2006
Monday	6:15 PM	Right Angle	2006
Friday	10:31 PM	Same Direction - Side Swipe	2006
Monday	9:29 AM	Backing	2006

VEHICLE\_TYPE

Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Pickup  
Passenger Van (< 9 Seats)  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit (3+ axle)  
Tractor Semi-Trailer  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan

Single Unit Truck w/Trailer  
Car/Station Wagon/Minivan  
Bus / Large Van (9 or more Seats)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Recreation Vehicle  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit (2 axle)  
Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Pickup  
Pickup  
Sport Utility Vehicle  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Motorcycle  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Single Unit (2 axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Passenger Van (< 9 Seats)

Pickup

Car/Station Wagon/Minivan

Single Unit (2 axle)

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

NULL

Pickup

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

Car/Station Wagon/Minivan

Single Unit (3+ axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Sport Utility Vehicle

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Other Truck

Car/Station Wagon/Minivan

Pickup

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Other Truck

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Passenger Van (< 9 Seats)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Single Unit (2 axle)

Single Unit (3+ axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Tractor Semi-Trailer

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Single Unit (3+ axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Tractor Semi-Trailer

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)





Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Moped

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION	INTERSECTION
200	Snow	Not At Intersection
300	Clear	Not At Intersection
[null]	Clear	At Intersection
250	Clear	Not At Intersection
350	Clear	Not At Intersection
10	Rain	Not At Intersection
40	Clear	Not At Intersection
[null]	Snow	Not At Intersection
250	Clear	Not At Intersection
[null]	Clear	At Intersection
50	Clear	Not At Intersection
170	Clear	Not At Intersection
80	Rain	Not At Intersection
60	Rain	Not At Intersection
[null]	Rain	At Intersection
10	Rain	Not At Intersection
150	Clear	Not At Intersection
[null]	Rain	At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
350	Clear	Not At Intersection
10	Rain	Not At Intersection
80	Rain	Not At Intersection
[null]	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
15	Clear	Not At Intersection
[null]	Rain	At Intersection
[null]	Clear	At Intersection
200	Clear	Not At Intersection
[null]	Rain	At Intersection
[null]	Clear	Not At Intersection
[null]	Clear	At Intersection
150	Clear	Not At Intersection
[null]	Rain	Not At Intersection
40	Rain	Not At Intersection
50	Clear	Not At Intersection
100	Clear	Not At Intersection
[null]	Rain	At Intersection
200	Rain	Not At Intersection
200	Clear	Not At Intersection
[null]	Clear	At Intersection

[null]	Clear	At Intersection
75	Clear	Not At Intersection
65	Clear	Not At Intersection
[null]	Snow	Not At Intersection
[null]	Clear	At Intersection
[null]	Rain	At Intersection
300	Clear	Not At Intersection
50	Clear	Not At Intersection
150	Clear	Not At Intersection
20	Clear	At Intersection
5	Clear	At Intersection
[null]	Clear	At Intersection
40	Clear	Not At Intersection
60	Clear	Not At Intersection
200	Clear	Not At Intersection
50	Clear	Not At Intersection
25	Clear	At Intersection
[null]	Clear	At Intersection
25	Clear	At Intersection
10	Clear	At Intersection
100	Clear	Not At Intersection
75	Clear	Not At Intersection
2	Clear	At Intersection
[null]	Clear	At Intersection
25	Rain	At Intersection
[null]	Clear	At Intersection
[null]	Rain	At Intersection
40	Rain	Not At Intersection
25	Clear	Not At Intersection
[null]	Clear	At Intersection
20	Clear	Not At Intersection
50	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
70	Clear	Not At Intersection
100	Clear	Not At Intersection
30	Clear	Not At Intersection
50	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
5	Clear	Not At Intersection
300	Clear	Not At Intersection
150	Clear	Not At Intersection
150	Clear	Not At Intersection
60	Clear	Not At Intersection
100	Clear	Not At Intersection
100	Overcast	Not At Intersection

2	Rain	Not At Intersection
100	Overcast	Not At Intersection
60	Rain	Not At Intersection
50	Clear	Not At Intersection
[null]	Clear	At Intersection
10	Clear	Not At Intersection
[null]	Clear	At Intersection
200	Clear	Not At Intersection
50	Clear	Not At Intersection
200	Clear	Not At Intersection
150	Rain	Not At Intersection
50	Clear	Not At Intersection
[null]	Clear	At Intersection
50	Clear	Not At Intersection
100	Rain	Not At Intersection
20	Rain	Not At Intersection
5	Clear	Not At Intersection
10	Clear	Not At Intersection
20	Clear	Not At Intersection
200	Clear	Not At Intersection
[null]	Overcast	Not At Intersection
150	Clear	Not At Intersection
50	Clear	Not At Intersection
30	Clear	Not At Intersection

LIGHT_CONDITION	SEVERITY
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dawn	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Dark (Street Lights On/ continuous)	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dusk	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (No Street Lights)	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Injury
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage

Dusk	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage

Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage

**Stelton Rd and New Brunswick Ave Intersection**  
 2004-2006 Data

**Crash Table Data By Crash**

ID	CASE_NUMBER	CRASH_DATE
512501	Apr-75	1/16/2004
512562	Apr-11	1/30/2004
512578	04-401	1/5/2004
512721	2004-2453	1/20/2004
512859	400-8782	3/18/2004
512873	4006924	2/26/2004
513078	4012117	4/28/2004
513432	4019903	7/24/2004
513515	4021771	8/13/2004
513594	4023875	9/7/2004
513673	4025717	9/29/2004
513815	4028775	11/4/2004
513859	4029475	11/12/2004
513860	4029478	11/11/2004
513899	4030293	11/23/2004
514024	4032624	12/22/2004
514040	4032933	12/27/2004
830004	5000189	1/3/2005
830017	5000421	1/6/2005
830035	5000850	1/11/2005
830176	5003569	2/14/2005
830203	5004127	2/20/2005
830260	5005176	3/5/2005
830268	5005360	3/7/2005
830289	5005497	3/9/2005
830342	5006721	3/24/2005
830442	5009603	4/28/2005
830521	5011534	5/23/2005
830545	5012166	5/31/2005
830574	5012690	6/6/2005
830627	5013952	6/21/2005
830693	5015579	7/11/2005
830895	5021251	9/16/2005
830925	5022108	9/26/2005
830964	5022977	10/7/2005
830970	5023062	10/8/2005
831010	5023839	10/18/2005
831041	5024455	10/26/2005
831066	5025142	11/2/2005
831071	5025277	11/3/2005
831112	5026153	11/14/2005
831136	5026541	11/18/2005



831256	5028621	12/12/2005
831278	5029011	12/19/2005
1131969	6001677	1/23/2006
1132013	6002600	2/2/2006
1132140	6005822	3/12/2006
1132242	6007970	4/8/2006
1132256	6008470	4/14/2006
1132292	6009208	4/22/2006
1132453	6012700	6/1/2006
1132562	6015216	6/30/2006
1132662	6017700	7/27/2006
1132745	6019633	8/18/2006
1132812	6021504	9/9/2006
1132817	6021741	9/12/2006
1132822	6021881	9/13/2006
1132893	6024139	10/8/2006
1132904	6024462	10/11/2006
1132942	6025100	10/18/2006
1132943	6025121	10/18/2006
1132967	6025573	10/23/2006
1132988	6026064	10/28/2006
1133009	6026510	11/2/2006

### Vehicle Table Data By Crash

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512501	South	Making Left Turn
512501	North	Going Straight Ahead
512562	South	Going Straight Ahead
512562	East	Changing Lanes
512578	South	Stopped in Traffic
512578	South	Slowing or Stopping
512721	South	Stopped in Traffic
512721	South	Making Left Turn
512859	West	Making Left Turn
512859	South	Going Straight Ahead
512873	East	Making Left Turn
512873	East	Making Left Turn
513078	East	Making Left Turn
513078	East	Making Left Turn
513432	West	Making Left Turn
513432	South	Going Straight Ahead
513515	South	Stopped in Traffic
513515	North	Going Straight Ahead
513594	South	Going Straight Ahead
513594	South	Changing Lanes
513673	West	Making Left Turn
513673	South	Going Straight Ahead

513815	South	Going Straight Ahead
513815	South	Making Right Turn (not turn on red)
513859	North	Going Straight Ahead
513859	East	Making Left Turn
513860	North	Making Right Turn (not turn on red)
513899	South	Going Straight Ahead
514024	North	Going Straight Ahead
514024	East	Making Left Turn
514040	East	Making Right Turn (not turn on red)
514040	West	Going Straight Ahead
830004	South	Going Straight Ahead
830004	South	Changing Lanes
830017	East	Going Straight Ahead
830017	East	Changing Lanes
830035	South	Stopped in Traffic
830035	South	Going Straight Ahead
830176	North	Going Straight Ahead
830176	South	Making Left Turn
830203	South	Going Straight Ahead
830203	North	Making Left Turn
830260	North	Changing Lanes
830260	North	Going Straight Ahead
830268	West	Going Straight Ahead
830268	East	Making Left Turn
830289	East	Stopped in Traffic
830289	East	Slowing or Stopping
830342	South	Making Right Turn (not turn on red)
830342	South	Going Straight Ahead
830442	South	Making Left Turn
830442	South	Making Left Turn
830521	South	Making Left Turn
830521	North	Going Straight Ahead
830545	South	Stopped in Traffic
830545	South	Slowing or Stopping
830574	North	Backing
830574	South	Stopped in Traffic
830627	South	Making Left Turn
830627	North	Going Straight Ahead
830693	East	Making Left Turn
830693	South	Going Straight Ahead
830895	South	Slowing or Stopping
830895	South	Slowing or Stopping
830925	East	Stopped in Traffic
830925	East	Making Left Turn
830964	South	Making Left Turn
830964	South	Making Left Turn
830970	East	Stopped in Traffic

830970	East	Slowing or Stopping
831010	South	Stopped in Traffic
831010	South	Slowing or Stopping
831041	South	Going Straight Ahead
831041	North	Making Left Turn
831066	West	Going Straight Ahead
831066	West	Making Left Turn
831071	South	Going Straight Ahead
831071	South	Changing Lanes
831112	North	Backing
831112	North	Going Straight Ahead
831136	South	Going Straight Ahead
831136	South	Making Left Turn
831256	South	Going Straight Ahead
831256	East	Making Left Turn
831278	North	Going Straight Ahead
831278	East	Making Left Turn
1131969	North	Going Straight Ahead
1132013	North	Making U Turn
1132013	North	Going Straight Ahead
1132140	South	Making Right Turn (not turn on red)
1132140	South	Going Straight Ahead
1132242	North	Going Straight Ahead
1132242	South	Making Left Turn
1132256	North	Stopped in Traffic
1132256	North	Stopped in Traffic
1132256	North	Going Straight Ahead
1132292	North	Making Right Turn (not turn on red)
1132453	North	Going Straight Ahead
1132453	North	Stopped in Traffic
1132453	North	Stopped in Traffic
1132562	West	Stopped in Traffic
1132562	West	Making Left Turn
1132662	South	Going Straight Ahead
1132662	West	Making Left Turn
1132745	South	Going Straight Ahead
1132745	South	Changing Lanes
1132812	South	Stopped in Traffic
1132812	South	Slowing or Stopping
1132817	South	Making Right Turn (not turn on red)
1132817	South	Slowing or Stopping
1132822	South	Going Straight Ahead
1132822	South	Changing Lanes
1132893	North	Making Left Turn
1132893	North	Passing
1132904	South	Going Straight Ahead
1132904	North	Making Left Turn

1132942	South	Making Right Turn (not turn on red)
1132942	South	Making Left Turn
1132943	North	Slowing or Stopping
1132943	North	Going Straight Ahead
1132967	North	Slowing or Stopping
1132967	North	Going Straight Ahead
1132988	North	Going Straight Ahead
1132988	South	Making Left Turn
1133009	North	Going Straight Ahead
1133009	East	Making Left Turn

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE
Friday	6:04 PM	Left Turn / U Turn
Friday	3:32 PM	Right Angle
Monday	1:17 PM	Same Direction - Rear End
Tuesday	3:49 PM	Same Direction - Side Swipe
Thursday	10:58 AM	Right Angle
Thursday	9:41 AM	Same Direction - Side Swipe
Wednesday	9:12 PM	Same Direction - Side Swipe
Saturday	5:24 PM	Right Angle
Friday	1:56 PM	Opposite Direction - Head On/Angular
Tuesday	1:19 PM	Same Direction - Side Swipe
Wednesday	7:50 PM	Right Angle
Thursday	4:07 PM	Same Direction - Rear End
Friday	6:03 PM	Right Angle
Thursday	6:14 PM	Non-fixed Object
Tuesday	5:28 AM	Non-fixed Object
Wednesday	2:33 PM	Right Angle
Monday	1:49 AM	Opposite Direction - Head On/Angular
Monday	9:30 PM	Same Direction - Side Swipe
Thursday	6:46 AM	Same Direction - Side Swipe
Tuesday	8:07 PM	Same Direction - Rear End
Monday	8:08 AM	Left Turn / U Turn
Sunday	11:04 PM	Left Turn / U Turn
Saturday	12:10 PM	Same Direction - Side Swipe
Monday	6:27 PM	Left Turn / U Turn
Wednesday	8:05 AM	Same Direction - Rear End
Thursday	5:45 PM	Same Direction - Side Swipe
Thursday	6:45 PM	Same Direction - Side Swipe
Monday	11:09 AM	Left Turn / U Turn
Tuesday	4:24 PM	Same Direction - Rear End
Monday	8:51 AM	Backing
Tuesday	4:14 PM	Opposite Direction - Head On/Angular
Monday	4:53 PM	Right Angle
Friday	5:02 PM	Same Direction - Rear End
Monday	5:22 PM	Same Direction - Side Swipe
Friday	5:39 PM	Same Direction - Rear End
Saturday	6:48 PM	Same Direction - Rear End
Tuesday	11:47 AM	Same Direction - Rear End
Wednesday	12:00 PM	Left Turn / U Turn
Wednesday	11:14 AM	Same Direction - Side Swipe
Thursday	4:35 PM	Same Direction - Side Swipe
Monday	5:38 PM	Backing
Friday	1:40 PM	Same Direction - Rear End

Monday	1:14 PM	Right Angle
Monday	7:26 PM	Right Angle
Monday	4:43 AM	Fixed Object
Thursday	1:15 PM	Same Direction - Side Swipe
Sunday	8:03 PM	Same Direction - Rear End
Saturday	8:15 AM	Left Turn / U Turn
Friday	7:41 AM	Same Direction - Rear End
Saturday	11:58 PM	Fixed Object
Thursday	9:07 PM	Same Direction - Rear End
Friday	8:15 AM	Same Direction - Side Swipe
Thursday	3:14 PM	Right Angle
Friday	1:52 PM	Same Direction - Side Swipe
Saturday	3:53 PM	Same Direction - Rear End
Tuesday	10:33 AM	Same Direction - Rear End
Wednesday	4:02 PM	Same Direction - Side Swipe
Sunday	7:19 PM	Same Direction - Side Swipe
Wednesday	5:56 PM	Left Turn / U Turn
Wednesday	10:06 AM	Same Direction - Side Swipe
Wednesday	1:43 PM	Same Direction - Rear End
Monday	2:42 PM	Same Direction - Rear End
Saturday	10:24 PM	Left Turn / U Turn
Thursday	8:20 AM	Right Angle

VEHICLE\_TYPE

Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit Truck w/Trailer  
Car/Station Wagon/Minivan  
Single Unit Truck w/Trailer  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Tractor Semi-Trailer  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit Truck w/Trailer  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Recreation Vehicle  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan

Single Unit (2 axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Tractor Semi-Trailer

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Pickup

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Single Unit (2 axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit Truck w/Trailer  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Recreation Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)



Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

CRASH_YEAR	DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION
2004	[null]	Clear
2004	30	Clear
2004	50	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	50	Clear
2004	30	Clear
2004	150	Clear
2004	[null]	Clear
2004	[null]	Rain
2004	[null]	Rain
2004	[null]	Rain
2004	100	Clear
2004	300	Clear
2004	50	Snow
2005	150	Rain
2005	150	Rain
2005	[null]	Rain
2005	[null]	Clear
2005	[null]	Snow
2005	80	Clear
2005	50	Clear
2005	20	Clear
2005	[null]	Clear
2005	[null]	Clear
2005	100	Clear
2005	15	Clear
2005	20	Clear
2005	[null]	Clear
2005	30	Clear
2005	10	Clear
2005	[null]	Clear
2005	[null]	Rain
2005	50	Rain
2005	200	Clear
2005	200	Clear
2005	100	Clear
2005	100	Clear
2005	50	Clear
2005	10	Clear

2005	110	Clear
2005	[null]	Clear
2006	10	Rain
2006	150	Clear
2006	50	Rain
2006	[null]	Rain
2006	75	Clear
2006	[null]	Rain
2006	80	Rain
2006	[null]	Clear
2006	20	Clear
2006	75	Clear
2006	35	Clear
2006	200	Clear
2006	250	Clear
2006	20	Clear
2006	50	Rain
2006	15	Clear
2006	30	Clear
2006	250	Clear
2006	[null]	Clear
2006	[null]	Overcast

INTERSECTION	LIGHT_CONDITION	SEVERITY
At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Dusk	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Dawn	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dusk	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Dusk	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage

Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Injury

# Stelton Rd and Ethel Ave Intersection

2004-2006 Data

## Crash Table Data By Crash

ID	CASE_NUMBER	CRASH_DATE
512497	04-177?	1/15/2004
512715	2004-2250	1/19/2004
512741	2004-3225	1/22/2004
512743	2004-3322	1/27/2004
512779	2004-4594	2/6/2004
512785	2004-484	1/6/2004
512826	2004-6624	2/23/2004
513007	4010535	4/9/2004
513041	4011413	4/20/2004
513060	4011925	4/26/2004
513316	4017208	6/24/2004
513323	4017381	6/26/2004
513433	4019909	7/4/2004
513654	4025172	9/23/2004
513658	4025233	9/24/2004
513739	4027070	10/15/2004
513809	4028586	11/2/2004
513814	4028774	11/4/2004
513973	4031671	12/10/2004
830126	5002417	1/31/2005
830164	5003326	2/10/2005
830217	5004459	2/24/2005
830371	5007602	4/5/2005
830407	5008358	4/14/2005
830475	5010168	5/5/2005
830481	5010326	5/7/2005
830593	5013133	6/11/2005
830622	5013726	6/18/2005
830625	5013847	6/20/2005
830835	5019608	8/27/2005
830880	5020910	9/12/2005
830929	5022172	9/27/2005
830971	5023162	10/9/2005
831056	5024771	10/29/2005
831099	5025904	11/11/2005
831190	5027781	12/4/2005
831242	5028350	12/11/2005
1131988	6001917	1/25/2006
1132238	6007905	4/7/2006
1132295	6009234	4/23/2006
1132460	6012798	6/2/2006
1132545	6014635	6/23/2006

1132549	6014839	6/26/2006
1132719	6019075	8/12/2006
1132870	6023326	9/29/2006
1132897	6024230	10/9/2006
1132992	6026141	10/29/2006
1133000	6026331	10/31/2006
1133006	6026432	11/1/2006
1133189	6030580	12/19/2006
1133221	6031253	12/28/2006
1133229	6602537	2/1/2006

### Vehicle Table Data By Crash

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512497	West	Going Straight Ahead
512715	West	Stopped in Traffic
512715	West	Going Straight Ahead
512741	West	Slowing or Stopping
512741	West	Slowing or Stopping
512743	South	Going Straight Ahead
512743	East	Going Straight Ahead
512779	West	Going Straight Ahead
512779	East	Going Straight Ahead
512785	North	Slowing or Stopping
512785	North	Slowing or Stopping
512826	North	Making Right Turn (not turn on red)
512826	North	Slowing or Stopping
513007	East	Making Left Turn
513007	South	Going Straight Ahead
513041	North	Going Straight Ahead
513041	West	Making Right Turn (not turn on red)
513060	South	Stopped in Traffic
513060	South	Slowing or Stopping
513316	South	Stopped in Traffic
513316	South	Slowing or Stopping
513323	South	Stopped in Traffic
513323	South	Slowing or Stopping
513433	North	Stopped in Traffic
513433	North	Going Straight Ahead
513654	North	Stopped in Traffic
513654	North	Slowing or Stopping
513658	South	Going Straight Ahead
513658	South	Going Straight Ahead
513739	North	Going Straight Ahead
513739	East	Making Left Turn
513739	West	Stopped in Traffic
513809	North	Stopped in Traffic
513809	North	Starting in Traffic

513814	South	Slowing or Stopping
513814	South	Slowing or Stopping
513973	East	Going Straight Ahead
513973	South	Going Straight Ahead
830126	South	Going Straight Ahead
830126	South	Going Straight Ahead
830164	North	Stopped in Traffic
830164	North	Starting in Traffic
830217	South	Going Straight Ahead
830217	South	Going Straight Ahead
830217	South	Slowing or Stopping
830217	South	Slowing or Stopping
830371	North	Making Right Turn (not turn on red)
830371	North	Making Right Turn (not turn on red)
830407	North	Stopped in Traffic
830407	North	Going Straight Ahead
830475	West	Making Left Turn
830475	South	Going Straight Ahead
830481	South	Stopped in Traffic
830481	South	Going Straight Ahead
830593	South	Stopped in Traffic
830593	South	Going Straight Ahead
830622	South	Going Straight Ahead
830622	East	Making Left Turn
830625	South	Stopped in Traffic
830625	South	Slowing or Stopping
830835	South	Stopped in Traffic
830835	South	Going Straight Ahead
830880	South	Stopped in Traffic
830880	South	Starting in Traffic
830929	North	Stopped in Traffic
830929	North	Slowing or Stopping
830929	North	Going Straight Ahead
830971	South	Stopped in Traffic
830971	South	Starting in Traffic
831056	South	Slowing or Stopping
831056	South	Slowing or Stopping
831099	South	Stopped in Traffic
831099	South	Starting in Traffic
831190	South	Going Straight Ahead
831242	North	Stopped in Traffic
831242	North	Slowing or Stopping
1131988	South	Going Straight Ahead
1131988	West	Making Left Turn
1132238	East	Stopped in Traffic
1132238	West	Making Right Turn (not turn on red)
1132295	South	Stopped in Traffic



1132295	South	Going Straight Ahead
1132460	North	Going Straight Ahead
1132460	South	Making U Turn
1132545	South	Stopped in Traffic
1132545	South	Going Straight Ahead
1132549	North	Stopped in Traffic
1132549	North	Going Straight Ahead
1132549	North	Stopped in Traffic
1132549	North	Stopped in Traffic
1132719	South	Stopped in Traffic
1132719	South	Going Straight Ahead
1132870	North	Going Straight Ahead
1132870	North	Going Straight Ahead
1132897	West	Going Straight Ahead
1132992	North	Stopped in Traffic
1132992	North	Going Straight Ahead
1133000	South	Passing
1133000	East	Making Left Turn
1133006	West	Going Straight Ahead
1133006	South	Going Straight Ahead
1133189	North	Going Straight Ahead
1133189	North	Changing Lanes
1133221	West	Going Straight Ahead
1133229	South	Going Straight Ahead
1133229	South	Going Straight Ahead

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE
Thursday	9:16 AM	Fixed Object
Monday	8:25 AM	Same Direction - Rear End
Thursday	4:45 PM	Same Direction - Rear End
Tuesday	11:27 AM	Right Angle
Friday	7:20 AM	Opposite Direction - Head On/Angular
Tuesday	7:28 AM	Same Direction - Rear End
Monday	4:49 PM	Same Direction - Side Swipe
Friday	4:20 PM	Right Angle
Tuesday	1:04 PM	Right Angle
Monday	8:25 AM	Same Direction - Rear End
Thursday	5:29 PM	Same Direction - Rear End
Saturday	6:02 PM	Same Direction - Rear End
Sunday	6:55 PM	Same Direction - Side Swipe
Thursday	12:53 PM	Same Direction - Rear End
Friday	7:26 AM	Same Direction - Rear End
Friday	4:14 PM	Right Angle
Tuesday	1:23 PM	Same Direction - Side Swipe
Thursday	3:56 PM	Same Direction - Rear End
Friday	3:05 AM	Right Angle
Monday	8:31 AM	Same Direction - Rear End
Thursday	6:11 PM	Same Direction - Rear End
Thursday	3:27 PM	Same Direction - Rear End
Tuesday	3:14 PM	Same Direction - Side Swipe
Thursday	8:29 PM	Same Direction - Rear End
Thursday	9:58 AM	Right Angle
Saturday	2:42 PM	Same Direction - Rear End
Saturday	8:06 PM	Same Direction - Side Swipe
Saturday	10:26 PM	Right Angle
Monday	2:30 PM	Same Direction - Rear End
Saturday	4:58 PM	Same Direction - Rear End
Monday	6:03 PM	Same Direction - Rear End
Tuesday	1:52 PM	Same Direction - Rear End
Sunday	9:17 PM	Same Direction - Rear End
Saturday	12:23 PM	Same Direction - Rear End
Friday	10:37 AM	Same Direction - Rear End
Sunday	8:02 AM	Other
Sunday	11:25 AM	Same Direction - Rear End
Wednesday	5:44 PM	Right Angle
Friday	12:23 PM	Opposite Direction - Head On/Angular
Sunday	2:26 PM	Same Direction - Rear End
Friday	8:11 PM	Left Turn / U Turn
Friday	8:07 PM	Same Direction - Rear End

Monday	6:27 PM	Same Direction - Rear End
Saturday	12:07 PM	Same Direction - Rear End
Friday	1:57 PM	Same Direction - Rear End
Monday	4:14 PM	Fixed Object
Sunday	5:13 PM	Same Direction - Rear End
Tuesday	3:48 PM	Right Angle
Wednesday	12:48 PM	Right Angle
Tuesday	3:15 PM	Same Direction - Side Swipe
Thursday	1:16 PM	Fixed Object
Wednesday	6:31 PM	Same Direction - Side Swipe

VEHICLE\_TYPE

Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Single Unit Truck w/Trailer
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Passenger Van (< 9 Seats)
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Passenger Van (< 9 Seats)
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Single Unit (2 axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Pickup

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Motorcycle

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

Passenger Van (< 9 Seats)

Car/Station Wagon/Minivan

Pickup

Pickup

Single Unit (2 axle)

Single Unit (2 axle)

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

CRASH_YEAR	DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION
2004	150	Snow
2004	25	Clear
2004	20	Clear
2004	150	Snow
2004	1000	Rain
2004	25	Clear
2004	20	Clear
2004	200	Clear
2004	200	Clear
2004	200	Rain
2004	100	Clear
2004	100	Clear
2004	[null]	Clear
2004	100	Clear
2004	[null]	Clear
2004	[null]	Rain
2004	75	Clear
2004	250	Rain
2004	[null]	Rain
2005	60	Clear
2005	100	Clear
2005	250	Snow
2005	[null]	Clear
2005	50	Clear
2005	250	Clear
2005	25	Clear
2005	125	Clear
2005	300	Clear
2005	300	Clear
2005	100	Clear
2005	100	Clear
2005	[null]	Clear
2005	[null]	Rain
2005	50	Clear
2005	50	Clear
2005	500	Snow
2005	25	Clear
2006	350	Clear
2006	50	Rain
2006	5	Clear
2006	300	Rain
2006	300	Rain

2006	100	Clear
2006	62	Clear
2006	75	Clear
2006	200	Clear
2006	75	Clear
2006	200	Clear
2006	[null]	Clear
2006	20	Clear
2006	1000	Clear
2006	200	Clear

INTERSECTION	LIGHT_CONDITION	SEVERITY
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Dusk	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (No Street Lights)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage



Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights Off)	Property Damage

**South Randolphville Rd and Centennial Ave Intersection**  
2004-2006 Data

**Crash Table Data By Crash**

ID	CASE_NUMBER	CRASH_DATE
<u>512523</u>	Apr-77	1/21/2004
<u>513136</u>	4013513	5/14/2004
<u>513139</u>	4013520	5/14/2004
<u>513477</u>	4020900	8/4/2004
<u>513610</u>	4024251	9/12/2004
<u>513711</u>	4026506	10/8/2004
<u>513882</u>	4029867	11/17/2004
<u>513904</u>	4030388	11/24/2004
<u>830198</u>	5004062	2/19/2005
<u>830253</u>	5005072	3/4/2005
<u>830287</u>	5005494	3/9/2005
<u>830291</u>	5005506	3/9/2005
<u>830397</u>	5008162	4/12/2005
<u>830472</u>	5010148	5/5/2005
<u>830506</u>	5011110	2/17/2005
<u>830644</u>	501441	1/19/2005
<u>830861</u>	5020299	9/5/2005
<u>831044</u>	5024532	10/27/2005
<u>831117</u>	5026247	11/15/2005
<u>831137</u>	5026588	11/19/2005
<u>831168</u>	5027332	11/29/2005
<u>1131950</u>	6001078	1/15/2006
<u>1132004</u>	6002339	1/30/2006
<u>1132049</u>	6003328	2/10/2006
<u>1132060</u>	6003524	2/13/2006
<u>1132159</u>	6006237	3/17/2006
<u>1132419</u>	6012112	5/26/2006
<u>1132495</u>	6013458	6/10/2006
<u>1132914</u>	6024573	10/12/2006
<u>1132973</u>	6025776	10/25/2006
<u>1133001</u>	6026333	10/31/2006

**Vehicle Table Data By Crash**

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
<u>512523</u>	South	Stopped in Traffic
<u>512523</u>	South	Slowing or Stopping
<u>513136</u>	South	Going Straight Ahead
<u>513136</u>	South	Making U Turn
<u>513139</u>	North	Stopped in Traffic
<u>513139</u>	North	Slowing or Stopping
<u>513477</u>	South	Going Straight Ahead
<u>513610</u>	South	Going Straight Ahead

513711	West	Going Straight Ahead
513711	South	Making Left Turn
513882	West	Making Left Turn
513882	South	Making Left Turn
513904	NULL	NULL
513904	NULL	Unknown
830198	East	Stopped in Traffic
830198	East	Slowing or Stopping
830253	South	Stopped in Traffic
830253	South	Slowing or Stopping
830287	North	Stopped in Traffic
830287	North	Starting in Traffic
830291	East	Going Straight Ahead
830397	East	Starting in Traffic
830397	East	Stopped in Traffic
830397	East	Stopped in Traffic
830472	North	Other Veh/Cyclist Action
830506	East	Slowing or Stopping
830506	East	Going Straight Ahead
830644	West	Slowing or Stopping
830644	North	Going Straight Ahead
830861	East	Stopped in Traffic
830861	East	Going Straight Ahead
831044	South	Slowing or Stopping
831044	South	Stopped in Traffic
831117	West	Stopped in Traffic
831117	West	Slowing or Stopping
831137	North	Going Straight Ahead
831168	East	Stopped in Traffic
831168	East	Slowing or Stopping
831168	East	Starting in Traffic
1131950	West	Stopped in Traffic
1131950	West	Slowing or Stopping
1132004	South	Going Straight Ahead
1132004	South	Going Straight Ahead
1132049	West	Slowing or Stopping
1132060	East	Stopped in Traffic
1132060	East	Going Straight Ahead
1132159	South	Going Straight Ahead
1132159	West	Making Left Turn
1132419	South	Going Straight Ahead
1132419	West	Changing Lanes
1132495	East	Stopped in Traffic
1132495	West	Backing
1132914	North	Stopped in Traffic
1132914	North	Slowing or Stopping
1132973	West	Going Straight Ahead

1132973

West

Going Straight Ahead

1133001

North

Slowing or Stopping

1133001

North

Slowing or Stopping

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE	CRASH_YEAR
Wednesday	2:19 PM	Same Direction - Rear End	2004
Friday	12:57 PM	Same Direction - Side Swipe	2004
Friday	2:36 PM	Same Direction - Rear End	2004
Wednesday	4:16 PM	Other	2004
Sunday	7:15 AM	Fixed Object	2004
Friday	3:15 PM	Right Angle	2004
Wednesday	4:39 PM	Right Angle	2004
Wednesday	7:27 AM	Other	2004
Saturday	9:16 PM	Same Direction - Rear End	2005
Friday	7:12 AM	Same Direction - Rear End	2005
Wednesday	6:57 AM	Same Direction - Rear End	2005
Wednesday	9:27 AM	Other	2005
Tuesday	4:36 PM	Same Direction - Rear End	2005
Thursday	2:30 AM	Fixed Object	2005
Thursday	5:31 PM	Same Direction - Rear End	2005
Wednesday	6:52 PM	Right Angle	2005
Monday	12:32 PM	Same Direction - Rear End	2005
Thursday	8:46 AM	Same Direction - Rear End	2005
Tuesday	2:17 PM	Same Direction - Rear End	2005
Saturday	12:41 PM	Other	2005
Tuesday	5:33 PM	Same Direction - Rear End	2005
Sunday	11:19 AM	Same Direction - Rear End	2006
Monday	5:49 PM	Same Direction - Rear End	2006
Friday	6:16 PM	Animal	2006
Monday	7:02 PM	Same Direction - Rear End	2006
Friday	5:01 PM	Right Angle	2006
Friday	12:42 PM	Right Angle	2006
Saturday	3:35 PM	Backing	2006
Thursday	2:53 PM	Same Direction - Rear End	2006
Wednesday	5:49 PM	Same Direction - Rear End	2006
Tuesday	4:09 PM	Same Direction - Rear End	2006

VEHICLE\_TYPE

Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Sport Utility Vehicle  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Pickup

Car/Station Wagon/Minivan

Sport Utility Vehicle

Pickup

Car/Station Wagon/Minivan

NULL

NULL

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Single Unit Truck w/Trailer

Car/Station Wagon/Minivan

Pickup

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Single Unit (2 axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION	INTERSECTION
10	Clear	Not At Intersection
80	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
[null]	Clear	Not At Intersection
150	Clear	Not At Intersection
[null]	Clear	At Intersection
200	NULL	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	Not At Intersection
[null]	Clear	At Intersection
400	Clear	Not At Intersection
20	Clear	At Intersection
200	Clear	Not At Intersection
100	Clear	Not At Intersection
[null]	Snow	At Intersection
30	Clear	At Intersection
100	Clear	Not At Intersection
[null]	Clear	At Intersection
100	Clear	Not At Intersection
25	Clear	Not At Intersection
10	Clear	Not At Intersection
50	Clear	Not At Intersection
158	Clear	Not At Intersection
100	Clear	Not At Intersection
[null]	Clear	At Intersection
10	Overcast	Not At Intersection
10	Clear	Not At Intersection
40	Clear	Not At Intersection
300	Clear	Not At Intersection
12	Clear	Not At Intersection



LIGHT_CONDITION	SEVERITY
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Dusk	Property Damage
NULL	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Injury
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Injury
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dusk	Property Damage

**Old New Brunswick and Centennial Ave Intersection**  
**2004-2006 Data**

**Crash Table Data By Crash**

ID	Narrative	CASE_NUMBER	CRASH_DATE
512609	n/a	Apr-41	2/9/2004
512638	n/a	Apr-56	2/24/2004
512692	n/a	2004-1824	1/15/2004
512694	n/a	2004-1867	1/15/2004
512853	n/a	400-8551	3/15/2004
512881	n/a	4007234	2/29/2004
513369	n/a	4018764	7/12/2004
513737	n/a	4027031	10/15/2004
513852	n/a	4029439	11/12/2004
513858	n/a	4029474	11/12/2004
513957	n/a	4031321	12/5/2004
830005	n/a	5000226	1/4/2005
830049	n/a	5001296	1/18/2005
830220	n/a	5004468	2/24/2005
830244	n/a	5004841	3/1/2005
830267	n/a	5005297	3/7/2005
830283	n/a	5005461	3/8/2005
830360	n/a	5007262	4/1/2005
830372	n/a	5007605	4/5/2005
830648	n/a	5014442	6/27/2005
830701	n/a	5015842	7/14/2005
830712	n/a	5016031	7/16/2005
830731	n/a	5016599	7/22/2005
830744	n/a	5017087	7/27/2005
830763	n/a	5017560	8/2/2005
830767	n/a	5017639	8/3/2005
830940	n/a	5022344	9/29/2005
830987	n/a	5023428	10/13/2005
831129	n/a	5026387	11/16/2005
831251	n/a	5028500	12/13/2005
1132118	n/a	6004820	3/1/2006
1132587	n/a	6015837	7/7/2006
1133028	n/a	6026744	11/5/2006
1133169	n/a	6030095	12/13/2006

**Vehicle Table Data By Crash**

ID	Narrative	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512609	n/a	South	Stopped in Traffic
512609	n/a	South	Going Straight Ahead
512638	n/a	East	Going Straight Ahead
512638	n/a	East	Changing Lanes
512692	n/a	South	Going Straight Ahead

<u>512692</u>	n/a	West	Making Right Turn (not turn on red)
<u>512694</u>	n/a	West	Stopped in Traffic
<u>512694</u>	n/a	West	Slowing or Stopping
<u>512853</u>	n/a	East	Going Straight Ahead
<u>512853</u>	n/a	East	Slowing or Stopping
<u>512881</u>	n/a	East	Backing
<u>512881</u>	n/a	East	Slowing or Stopping
<u>513369</u>	n/a	South	NULL
<u>513369</u>	n/a	East	Making Left Turn
<u>513737</u>	n/a	West	Making U Turn
<u>513737</u>	n/a	West	Going Straight Ahead
<u>513852</u>	n/a	West	Going Straight Ahead
<u>513852</u>	n/a	West	Changing Lanes
<u>513858</u>	n/a	West	Slowing or Stopping
<u>513858</u>	n/a	West	Stopped in Traffic
<u>513957</u>	n/a	South	Going Straight Ahead
<u>513957</u>	n/a	West	Making Left Turn
<u>830005</u>	n/a	East	Going Straight Ahead
<u>830005</u>	n/a	South	Going Straight Ahead
<u>830049</u>	n/a	West	Stopped in Traffic
<u>830049</u>	n/a	West	Slowing or Stopping
<u>830220</u>	n/a	West	Stopped in Traffic
<u>830220</u>	n/a	West	Slowing or Stopping
<u>830220</u>	n/a	West	Slowing or Stopping
<u>830244</u>	n/a	South	Slowing or Stopping
<u>830244</u>	n/a	South	Slowing or Stopping
<u>830267</u>	n/a	East	Making Right Turn (not turn on red)
<u>830267</u>	n/a	East	Making Right Turn (not turn on red)
<u>830267</u>	n/a	East	Making Right Turn (not turn on red)
<u>830283</u>	n/a	West	Stopped in Traffic
<u>830283</u>	n/a	West	Slowing or Stopping
<u>830360</u>	n/a	East	Going Straight Ahead
<u>830360</u>	n/a	East	Changing Lanes
<u>830372</u>	n/a	North	Stopped in Traffic
<u>830372</u>	n/a	North	Slowing or Stopping
<u>830648</u>	n/a	East	Making Left Turn
<u>830701</u>	n/a	East	Stopped in Traffic
<u>830701</u>	n/a	East	Slowing or Stopping
<u>830701</u>	n/a	East	Slowing or Stopping
<u>830712</u>	n/a	East	Making Left Turn
<u>830712</u>	n/a	West	Going Straight Ahead
<u>830731</u>	n/a	West	Going Straight Ahead
<u>830731</u>	n/a	West	Changing Lanes
<u>830744</u>	n/a	East	Making Left Turn
<u>830744</u>	n/a	West	Going Straight Ahead
<u>830763</u>	n/a	South	Going Straight Ahead
<u>830763</u>	n/a	East	Going Straight Ahead

<u>830767</u>	n/a	West	Going Straight Ahead
<u>830767</u>	n/a	West	Changing Lanes
<u>830940</u>	n/a	West	Stopped in Traffic
<u>830940</u>	n/a	West	Backing
<u>830987</u>	n/a	North	Stopped in Traffic
<u>830987</u>	n/a	North	Going Straight Ahead
<u>831129</u>	n/a	West	Making Left Turn
<u>831129</u>	n/a	East	Going Straight Ahead
<u>831251</u>	n/a	East	Stopped in Traffic
<u>831251</u>	n/a	East	Going Straight Ahead
<u>1132118</u>	n/a	South	Merging/Entering Traf Lane
<u>1132118</u>	n/a	South	Starting in Traffic
<u>1132587</u>	n/a	West	Starting in Traffic
<u>1132587</u>	n/a	West	Starting in Traffic
<u>1133028</u>	n/a	West	Going Straight Ahead
<u>1133028</u>	n/a	South	Slowing or Stopping
<u>1133169</u>	n/a	West	Going Straight Ahead
<u>1133169</u>	n/a	East	Making Left Turn

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE
Monday	11:23 AM	Same Direction - Rear End
Tuesday	3:23 PM	Same Direction - Side Swipe
Thursday	3:32 PM	Right Angle
Thursday	9:30 PM	Same Direction - Rear End
Monday	3:16 PM	Same Direction - Rear End
Sunday	6:16 PM	Backing
Monday	8:24 AM	Right Angle
Friday	7:37 AM	Same Direction - Side Swipe
Friday	8:47 AM	Same Direction - Side Swipe
Friday	5:33 PM	Same Direction - Rear End
Sunday	3:33 PM	Right Angle
Tuesday	12:34 PM	Right Angle
Tuesday	8:13 AM	Same Direction - Rear End
Thursday	4:57 PM	Same Direction - Rear End
Tuesday	9:17 AM	Same Direction - Rear End
Monday	8:13 AM	Same Direction - Rear End
Tuesday	6:00 PM	Same Direction - Rear End
Friday	8:01 AM	Same Direction - Rear End
Tuesday	3:38 PM	Same Direction - Rear End
Monday	5:25 PM	Other
Thursday	6:39 PM	Same Direction - Rear End
Saturday	9:50 PM	Left Turn / U Turn
Friday	3:36 PM	Same Direction - Side Swipe
Wednesday	7:36 PM	Left Turn / U Turn
Tuesday	4:01 PM	Right Angle
Wednesday	3:11 PM	Same Direction - Side Swipe
Thursday	1:25 PM	Other
Thursday	12:35 PM	Same Direction - Side Swipe
Wednesday	9:11 PM	Opposite Direction - Head On/Angular
Tuesday	8:45 AM	Same Direction - Rear End
Wednesday	8:35 AM	Same Direction - Rear End
Friday	10:28 AM	Same Direction - Rear End
Sunday	12:18 AM	Right Angle
Wednesday	12:00 PM	Left Turn / U Turn

VEHICLE\_TYPE

Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan

Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
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Car/Station Wagon/Minivan  
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Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
NULL  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
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Pickup  
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Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Tractor Semi-Trailer

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

(reserved)

(reserved)

(reserved)

(reserved)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

CRASH_YEAR	DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION
2004	100	Clear
2004	15	Snow
2004	[null]	Clear
2004	20	Clear
2004	25	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	200	Clear
2004	250	Rain
2004	[null]	Rain
2004	[null]	Clear
2005	[null]	Clear
2005	50	Clear
2005	300	Snow
2005	250	Snow
2005	10	Clear
2005	10	Snow
2005	[null]	Clear
2005	30	Clear
2005	50	Rain
2005	5	Clear
2005	[null]	Clear
2005	30	Clear
2005	[null]	Clear
2005	[null]	Clear
2005	200	Clear
2005	[null]	Rain
2005	[null]	Rain
2005	10	Rain
2005	15	Clear
2006	10	Clear
2006	[null]	Clear
2006	[null]	Clear
2006	200	Rain



INTERSECTION	LIGHT CONDITION	SEVERITY
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dusk	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage

## Stelton Rd and Centennial Ave Intersection

2004-2006 Data

### Crash Table Data By Crash

ID	CASE_NUMBER	CRASH_DATE
513077	4012114	4/28/2004
513269	4016180	6/12/2004
513468	4020692	10/12/2004
513499	4021427	8/10/2004
513861	4029495	11/12/2004
513987	4031878	12/12/2004
830295	5005591	3/10/2005
831143	5026639	11/19/2005
1132098	6004362	2/23/2006
1132260	6008549	4/15/2006
1132337	6010223	5/4/2006
1132399	6011714	5/22/2006
1132539	6014517	6/22/2006
1132858	6022917	9/25/2006
1133093	6028425	11/24/2006

### Vehicle Table Data By Crash

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
513077	South	Changing Lanes
513077	South	Going Straight Ahead
513269	South	Going Straight Ahead
513269	South	Going Straight Ahead
513468	South	Stopped in Traffic
513468	South	Going Straight Ahead
513499	South	Going Straight Ahead
513499	South	Changing Lanes
513499	South	Slowing or Stopping
513861	East	Stopped in Traffic
513861	East	Making Right Turn (not turn on red)
513987	South	Stopped in Traffic
513987	South	Slowing or Stopping
513987	South	Going Straight Ahead
830295	South	Going Straight Ahead
830295	East	Making Right Turn (not turn on red)
831143	South	Going Straight Ahead
831143	West	Making Right Turn (not turn on red)
1132098	South	Starting in Traffic
1132098	South	Starting in Traffic
1132260	South	Stopped in Traffic
1132260	South	Starting in Traffic
1132337	South	Stopped in Traffic
1132337	South	Going Straight Ahead

1132399	South	Going Straight Ahead
1132399	East	Changing Lanes
1132399	South	Stopped in Traffic
1132539	South	Stopped in Traffic
1132539	South	Stopped in Traffic
1132539	South	Slowing or Stopping
1132858	South	Going Straight Ahead
1132858	South	Changing Lanes
1133093	West	Going Straight Ahead
1133093	South	Going Straight Ahead



Cargo Van (10K lbs or less)

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION	INTERSECTION
100	Clear	Not At Intersection
150	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
[null]	Rain	At Intersection
[null]	Clear	At Intersection
10	Clear	At Intersection
100	Clear	Not At Intersection
10	Clear	Not At Intersection
10	Clear	Not At Intersection
20	Clear	Not At Intersection
150	Clear	Not At Intersection
[null]	Clear	Not At Intersection
300	Clear	Not At Intersection
[null]	Clear	At Intersection

LIGHT_CONDITION	LOCATION_DIRECTION	POSTED_SPEED
Dark (Street Lights On/ continuous)	Null	40
Dark (Street Lights On/ continuous)	Null	45
Daylight	Null	40
Daylight	Null	0
Dark (Street Lights On/ continuous)	Null	35
Dark (Street Lights On/ continuous)	Null	40
Daylight	Null	45
Dark (Street Lights On/ continuous)	Null	45
Daylight	South	35
Daylight	South	40
Daylight	South	40
Daylight	South	40
Daylight	Null	35
Daylight	Null	40
Daylight	Null	40

**SEVERITY**

Property Damage

Injury

Injury

Property Damage

Property Damage

Property Damage

Property Damage

Property Damage

Injury

Injury

Property Damage

Property Damage

Injury

Property Damage

Property Damage



## South Washington Ave and Centennial Ave Intersection

2004-2006 Data

### Crash Table Data By Crash

ID	Narrative	CASE_NUMBER	CRASH_DATE
512504	n/a	Apr-98	1/17/2004
512607	n/a	Apr-48	2/8/2004
512720	n/a	2004-2447	1/20/2004
512802	n/a	2004-5408	2/11/2004
512852	n/a	400-8358	3/12/2004
512954	n/a	4008959	3/20/2004
513131	n/a	4013369	5/13/2004
513210	n/a	4015272?	6/2/2004
513270	n/a	4016211	6/13/2004
513307	n/a	4016944	6/21/2004
513372	n/a	4018792	7/12/2004
513413	n/a	4019521	7/20/2004
513418	n/a	4019673	7/21/2004
513480	n/a	4021007	8/5/2004
513580	n/a	4023421	9/1/2004
513767	n/a	4027453	10/20/2004
513775	n/a	4027686	10/23/2004
513791	n/a	4028102	10/28/2004
513911	n/a	4030465	11/24/2004
514028	n/a	4032709	12/23/2004
514037	n/a	4032797	12/24/2004
830001	n/a	5000121	1/3/2005
830174	n/a	5003517	2/13/2005
830180	n/a	5003632	2/14/2005
830445	n/a	5009688	4/29/2005
830452	n/a	5009792	5/1/2005
830532	n/a	5011791	5/26/2005
830650	n/a	5014516	6/28/2005
830709	n/a	5016002	7/16/2005
830751	n/a	5017248	7/29/2005
830923	n/a	5022078	9/26/2005
831057	n/a	5024792	10/29/2005
831165	n/a	5027237	11/28/2005
831178	n/a	5027576	12/1/2005
831307	n/a	5029682	12/29/2005
1131910	n/a	6000021	1/1/2006
1131935	n/a	600080	1/2/2006
1132191	n/a	6006815	3/24/2006
1132192	n/a	6006827	3/25/2006
1132348	n/a	6010529	5/8/2006
1132372	n/a	6011241	5/17/2006
1132507	n/a	6013838	6/14/2006

1132509	n/a	6013875	6/14/2006
1132737	n/a	6019502	8/17/2006
1132751	n/a	6019739	8/19/2006
1132968	n/a	6025633	10/24/2006
1132971	n/a	6025728	10/25/2006
1132993	n/a	6026192	10/30/2006
1133187	n/a	6030474	12/18/2006
1133219	n/a	6031237	12/28/2006

### Vehicle Table Data By Crash

ID	Narrative	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512504	n/a	South	Going Straight Ahead
512607	n/a	West	Starting in Traffic
512607	n/a	West	Stopped in Traffic
512720	n/a	South	Stopped in Traffic
512720	n/a	South	Slowing or Stopping
512720	n/a	South	Slowing or Stopping
512802	n/a	West	Stopped in Traffic
512802	n/a	West	Going Straight Ahead
512852	n/a	West	Going Straight Ahead
512852	n/a	South	Going Straight Ahead
512954	n/a	West	Starting in Traffic
512954	n/a	North	Going Straight Ahead
513131	n/a	North	Stopped in Traffic
513131	n/a	North	Slowing or Stopping
513210	n/a	West	Going Straight Ahead
513210	n/a	North	Going Straight Ahead
513270	n/a	West	Stopped in Traffic
513270	n/a	West	Slowing or Stopping
513270	n/a	West	Stopped in Traffic
513307	n/a	South	Stopped in Traffic
513307	n/a	South	Slowing or Stopping
513372	n/a	West	Stopped in Traffic
513372	n/a	South	Merging/Entering Traf Lane
513413	n/a	South	Stopped in Traffic
513413	n/a	South	Going Straight Ahead
513418	n/a	South	Going Straight Ahead
513418	n/a	South	Going Straight Ahead
513480	n/a	South	Merging/Entering Traf Lane
513480	n/a	South	Going Straight Ahead
513580	n/a	West	Stopped in Traffic
513580	n/a	West	Slowing or Stopping
513767	n/a	East	Slowing or Stopping
513767	n/a	East	Stopped in Traffic
513775	n/a	South	Stopped in Traffic
513775	n/a	South	Starting in Traffic
513791	n/a	South	Going Straight Ahead

513791	n/a	West	Making Right Turn (not turn on red)
513911	n/a	South	Making Right Turn (not turn on red)
514028	n/a	South	Slowing or Stopping
514028	n/a	South	Stopped in Traffic
514037	n/a	South	Stopped in Traffic
514037	n/a	South	Slowing or Stopping
830001	n/a	South	Going Straight Ahead
830001	n/a	South	Going Straight Ahead
830174	n/a	South	Making Left Turn
830174	n/a	West	Going Straight Ahead
830180	n/a	North	Going Straight Ahead
830180	n/a	West	Making U Turn
830445	n/a	South	Stopped in Traffic
830445	n/a	South	Slowing or Stopping
830452	n/a	North	Going Straight Ahead
830452	n/a	South	Making U Turn
830532	n/a	South	Changing Lanes
830532	n/a	South	Slowing or Stopping
830650	n/a	North	Starting in Traffic
830650	n/a	East	Going Straight Ahead
830709	n/a	South	Stopped in Traffic
830709	n/a	South	Slowing or Stopping
830751	n/a	South	Stopped in Traffic
830751	n/a	South	Starting in Traffic
830923	n/a	North	Starting in Traffic
830923	n/a	West	Going Straight Ahead
831057	n/a	South	Going Straight Ahead
831165	n/a	West	Going Straight Ahead
831165	n/a	South	Making Left Turn
831178	n/a	North	Starting in Traffic
831178	n/a	North	Going Straight Ahead
831307	n/a	West	Going Straight Ahead
831307	n/a	West	Going Straight Ahead
1131910	n/a	North	Going Straight Ahead
1131935	n/a	North	Going Straight Ahead
1132191	n/a	South	Going Straight Ahead
1132191	n/a	North	Going Straight Ahead
1132192	n/a	North	Going Straight Ahead
1132192	n/a	East	Going Straight Ahead
1132348	n/a	South	Slowing or Stopping
1132348	n/a	South	Slowing or Stopping
1132372	n/a	South	Stopped in Traffic
1132372	n/a	South	Slowing or Stopping
1132507	n/a	East	Stopped in Traffic
1132507	n/a	East	Going Straight Ahead
1132509	n/a	North	Going Straight Ahead
1132509	n/a	North	Merging/Entering Traf Lane

1132737	n/a	North	Starting in Traffic
1132737	n/a	West	Going Straight Ahead
1132751	n/a	South	Stopped in Traffic
1132751	n/a	South	Going Straight Ahead
1132968	n/a	East	Stopped in Traffic
1132968	n/a	East	Going Straight Ahead
1132971	n/a	East	Going Straight Ahead
1132971	n/a	East	Changing Lanes
1132993	n/a	South	Stopped in Traffic
1132993	n/a	South	Going Straight Ahead
1133187	n/a	South	Stopped in Traffic
1133187	n/a	South	Going Straight Ahead
1133219	n/a	South	Going Straight Ahead
1133219	n/a	South	Making Left Turn

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE
Saturday	6:45 PM	Animal
Sunday	10:24 AM	Same Direction - Rear End
Tuesday	2:58 PM	Same Direction - Rear End
Wednesday	9:45 PM	Same Direction - Rear End
Friday	8:38 PM	Right Angle
Saturday	12:47 PM	Right Angle
Thursday	10:02 AM	Same Direction - Rear End
Wednesday	10:59 AM	Right Angle
Sunday	3:57 PM	Same Direction - Rear End
Monday	5:47 PM	Same Direction - Rear End
Monday	1:11 PM	Right Angle
Tuesday	3:32 PM	Same Direction - Rear End
Wednesday	9:44 PM	Same Direction - Rear End
Thursday	7:17 PM	Same Direction - Side Swipe
Wednesday	5:54 PM	Same Direction - Rear End
Wednesday	3:19 PM	Same Direction - Rear End
Saturday	1:01 PM	Same Direction - Rear End
Thursday	8:58 AM	Right Angle
Wednesday	10:06 PM	Fixed Object
Thursday	2:39 PM	Same Direction - Rear End
Friday	5:37 PM	Same Direction - Rear End
Monday	8:30 AM	Same Direction - Side Swipe
Sunday	9:11 AM	Right Angle
Monday	6:05 PM	Right Angle
Friday	4:54 PM	Same Direction - Rear End
Sunday	1:01 AM	Opposite Direction - Head On/Angular
Thursday	1:27 PM	Same Direction - Side Swipe
Tuesday	3:24 PM	Right Angle
Saturday	3:25 PM	Same Direction - Rear End
Friday	4:57 PM	Same Direction - Rear End
Monday	9:54 AM	Right Angle
Saturday	7:21 PM	Other
Monday	5:40 PM	Right Angle
Thursday	6:16 PM	Same Direction - Rear End
Thursday	5:16 PM	Same Direction - Rear End
Sunday	5:31 AM	Fixed Object
Monday	4:07 PM	Fixed Object
Friday	11:33 PM	Fixed Object
Saturday	5:26 AM	Right Angle
Monday	4:50 PM	Same Direction - Rear End
Wednesday	10:45 AM	Same Direction - Rear End
Wednesday	12:32 PM	Same Direction - Rear End

Wednesday	8:04 PM	Same Direction - Rear End
Thursday	7:14 AM	Right Angle
Saturday	6:18 PM	Same Direction - Side Swipe
Tuesday	9:26 AM	Same Direction - Rear End
Wednesday	9:47 AM	Same Direction - Side Swipe
Monday	9:36 AM	Same Direction - Rear End
Monday	12:12 PM	Same Direction - Rear End
Thursday	9:39 AM	Same Direction - Rear End

VEHICLE_TYPE
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Pickup
Passenger Van (< 9 Seats)
Car/Station Wagon/Minivan
Pickup
Car/Station Wagon/Minivan
Pickup
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Passenger Van (< 9 Seats)
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Pickup
Pickup
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Pickup
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan

Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Pickup
Car/Station Wagon/Minivan
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Pickup
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Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Pickup
Pickup
Pickup
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Pickup
Car/Station Wagon/Minivan
Cargo Van (10K lbs or less)
Sport Utility Vehicle
Sport Utility Vehicle
Sport Utility Vehicle
Cargo Van (10K lbs or less)
Cargo Van (10K lbs or less)
Cargo Van (10K lbs or less)
Cargo Van (10K lbs or less)
(reserved)
(reserved)
(reserved)
(reserved)
Sport Utility Vehicle
Sport Utility Vehicle

Cargo Van (10K lbs or less)

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Cargo Van (10K lbs or less)

(reserved)

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Cargo Van (10K lbs or less)

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)



CRASH_YEAR	DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION
2004	100	Clear
2004	200	Clear
2004	50	Clear
2004	820	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	20	Rain
2004	200	Clear
2004	75	Clear
2004	75	Rain
2004	[null]	Clear
2004	200	Clear
2004	75	Clear
2004	[null]	Clear
2004	25	Rain
2004	[null]	Rain
2004	75	Clear
2005	100	Clear
2005	[null]	Clear
2005	1	Rain
2005	[null]	Clear
2005	[null]	Rain
2005	30	Clear
2005	[null]	Clear
2005	20	Clear
2005	[null]	Clear
2005	[null]	Clear
2005	200	Clear
2005	[null]	Clear
2005	50	Clear
2005	100	Rain
2006	[null]	Clear
2006	200	Rain
2006	1320	Clear
2006	[null]	Clear
2006	5	Clear
2006	50	Clear
2006	[null]	Clear

2006	0	Rain
2006	[null]	Clear
2006	150	Rain
2006	25	Clear
2006	100	Clear
2006	25	Clear
2006	20	Clear
2006	[null]	Clear

INTERSECTION	LIGHT_CONDITION	SEVERITY
Not At Intersection	Dusk	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Dark (Street Lights On/ continuous)	Fatal
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dusk	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dusk	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Dawn	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage

Not At Intersection	Dusk	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage

**Stelton Rd and Washington Ave Intersection**  
 2004-2006 Data

**Crash Table Data By Crash**

ID	CASE_NUMBER	CRASH_DATE
512493	04-1725	1/14/2004
512520	Apr-72	1/20/2004
512611	Apr-73	2/9/2004
512675	2004-05658	2/15/2004
512736	2004-3068	1/25/2004
512761	2004-402	1/5/2004
512831	2004-949	1/9/2004
512855	400-8615	3/16/2004
512917	4008171	3/11/2004
512934	4008582	3/15/2004
512962	4009171	3/23/2004
512963	4009173	3/23/2004
513020	4010901	4/14/2004
513063	4011937	4/26/2004
513064	4011941	4/26/2004
513065	4011948	4/26/2004
513109	4012774	5/6/2004
513174	4014501	5/24/2004
513268	4016173	6/12/2004
513329	4017519	6/28/2004
513342	4017945	7/2/2004
513444	4020143	7/27/2004
513524	4022004	8/16/2004
513583	4023483	9/2/2004
513662	4025327	9/25/2004
513663	4025331	9/25/2004
513683	4025888	10/1/2004
513758	4027380	10/19/2004
513788	4028064	10/27/2004
513845	4029306	11/10/2004
513850	4029429	11/12/2004
513868	4029615	11/14/2004
513919	4030658	11/27/2004
513927	4030850	11/30/2004
513933	4030951	12/1/2004
513994	4031923	12/13/2004
514004	4032123	12/15/2004
514070	476387	6/15/2004
830013	5000387	1/5/2005
830019	5000434	1/6/2005
830039	5001001	1/13/2005
830074	5001493	1/20/2005

<u>830076</u>	5001515	1/20/2005
<u>830193</u>	5003960	2/18/2005
<u>830209</u>	5004242	2/22/2005
<u>830245</u>	5004842	3/1/2005
<u>830307</u>	5005872	3/14/2005
<u>830349</u>	5006932	3/27/2005
<u>830381</u>	5007797	4/7/2005
<u>830399</u>	5008171	4/12/2005
<u>830517</u>	50113452	6/15/2005
<u>830546</u>	5012171	5/31/2005
<u>830609</u>	5013384	6/14/2005
<u>830621</u>	5013717	6/18/2005
<u>830652</u>	5014537	6/28/2005
<u>830673</u>	5014938	7/3/2005
<u>830692</u>	5015558	7/11/2005
<u>830694</u>	5015637	7/12/2005
<u>830727</u>	5016560	7/22/2005
<u>830761</u>	5017549	8/2/2005
<u>830774</u>	5017938	8/7/2005
<u>830783</u>	5018194	8/10/2005
<u>830798</u>	5018715	8/16/2005
<u>830832</u>	5019556	8/26/2005
<u>830843</u>	5019813	8/30/2005
<u>830872</u>	5020736	9/10/2005
<u>830888</u>	5021113	9/15/2005
<u>830892</u>	5021217	9/16/2005
<u>830993</u>	5023481	10/14/2005
<u>831036</u>	5024393	10/25/2005
<u>831120</u>	5026341	11/16/2005
<u>831121</u>	5026350	11/16/2005
<u>831218</u>	5028095	12/8/2005
<u>831241</u>	5028349	12/11/2005
<u>831258</u>	5028645	12/14/2005
<u>831259</u>	5028655	12/14/2005
<u>831269</u>	5028797	12/16/2005
<u>1131941</u>	6000875	1/12/2006
<u>1131989</u>	6001926	1/25/2006
<u>1132066</u>	6003634	2/15/2006
<u>1132111</u>	6004644	2/27/2006
<u>1132201</u>	6007056	3/28/2006
<u>1132203</u>	6007085	3/28/2006
<u>1132277</u>	6008993	4/20/2006
<u>1132384</u>	6011334	5/18/2006
<u>1132405</u>	6011904	5/24/2006
<u>1132411</u>	6011973	5/24/2006
<u>1132417</u>	6012088	5/26/2006
<u>1132457</u>	6012772	6/2/2006

1132463	6012846	6/3/2006
1132465	6012900	6/4/2006
1132490	6013402	6/9/2006
1132503	6013745	6/13/2006
1132535	6014360	6/20/2006
1132556	6015028	6/28/2006
1132722	6019141	8/13/2006
1132734	6019446	8/16/2006
1132754	6019815	8/20/2006
1132767	6020077	8/23/2006
1132825	6022006	9/15/2006
1132830	6022186	9/17/2006
1132836	6022535	9/20/2006
1132837	6022559	9/21/2006
1132938	6025042	10/17/2006
1132941	6025052	10/17/2006
1133012	6026514	11/2/2006
1133023	6026687	11/4/2006
1133029	6026781	11/5/2006
1133056	6027542	11/14/2006
1133088	6028284	11/22/2006
1133163	6029961	12/11/2006
1133178	6030316	12/15/2006
1133186	6030460	12/18/2006

### Vehicle Table Data By Crash

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512493	South	Going Straight Ahead
512493	East	Making Left Turn
512520	South	Going Straight Ahead
512520	South	Changing Lanes
512611	South	Stopped in Traffic
512611	South	Starting in Traffic
512675	North	Going Straight Ahead
512736	South	Going Straight Ahead
512736	North	Making Left Turn
512761	North	Stopped in Traffic
512761	North	Slowing or Stopping
512831	North	Slowing or Stopping
512831	North	Going Straight Ahead
512855	North	Parked
512855	South	Backing
512917	North	Stopped in Traffic
512917	South	Backing
512934	North	Making Left Turn
512934	South	Going Straight Ahead
512962	South	Going Straight Ahead

512962	South	Changing Lanes
512963	South	Stopped in Traffic
512963	South	Slowing or Stopping
513020	South	Making Right Turn (not turn on red)
513020	South	Changing Lanes
513063	West	Slowing or Stopping
513063	West	Slowing or Stopping
513064	East	Stopped in Traffic
513064	East	Slowing or Stopping
513065	South	Slowing or Stopping
513065	South	Stopped in Traffic
513109	South	Going Straight Ahead
513109	South	Going Straight Ahead
513174	South	Stopped in Traffic
513174	South	Slowing or Stopping
513174	South	Slowing or Stopping
513174	South	Slowing or Stopping
513268	South	Going Straight Ahead
513268	North	Making Left Turn
513329	South	Stopped in Traffic
513329	South	Going Straight Ahead
513342	South	Changing Lanes
513342	South	Going Straight Ahead
513444	North	Stopped in Traffic
513444	North	Starting in Traffic
513524	South	Slowing or Stopping
513524	South	Stopped in Traffic
513583	South	Going Straight Ahead
513583	West	Making Left Turn
513662	North	Going Straight Ahead
513662	East	Making Left Turn
513663	South	Going Straight Ahead
513663	West	Making Left Turn
513683	South	Making Right Turn (not turn on red)
513683	South	Going Straight Ahead
513758	South	Stopped in Traffic
513758	South	Slowing or Stopping
513788	East	Stopped in Traffic
513788	East	Slowing or Stopping
513788	East	Going Straight Ahead
513845	South	Going Straight Ahead
513845	East	Making Right Turn (not turn on red)
513850	West	Going Straight Ahead
513850	South	Making Left Turn
513868	South	Stopped in Traffic
513868	South	Going Straight Ahead
513919	South	Going Straight Ahead



513919	West	Making Left Turn
513927	South	Changing Lanes
513927	South	Going Straight Ahead
513933	South	Going Straight Ahead
513933	South	Changing Lanes
513994	North	Starting in Traffic
513994	North	Stopped in Traffic
514004	North	Slowing or Stopping
514004	North	Going Straight Ahead
514070	South	Going Straight Ahead
514070	South	Making Right Turn (not turn on red)
830013	South	Going Straight Ahead
830013	South	Changing Lanes
830019	South	Going Straight Ahead
830019	South	Changing Lanes
830039	North	Going Straight Ahead
830039	North	Changing Lanes
830074	South	Going Straight Ahead
830074	West	Making Left Turn
830076	South	Going Straight Ahead
830076	East	Making Right Turn (not turn on red)
830193	North	Slowing or Stopping
830193	North	Slowing or Stopping
830209	South	Going Straight Ahead
830209	South	Going Straight Ahead
830245	East	Other Veh/Cyclist Action
830245	South	Going Straight Ahead
830307	North	Making Right Turn (not turn on red)
830307	North	Making Right Turn (not turn on red)
830349	East	Going Straight Ahead
830349	South	Making Left Turn
830381	North	Stopped in Traffic
830381	North	Going Straight Ahead
830399	South	Changing Lanes
830399	South	Going Straight Ahead
830517	East	Making Left Turn
830517	West	Making Left Turn
830546	South	Slowing or Stopping
830546	South	Slowing or Stopping
830609	North	Stopped in Traffic
830609	North	Making Right Turn (not turn on red)
830621	North	Going Straight Ahead
830621	West	Making Left Turn
830652	North	Slowing or Stopping
830652	North	Going Straight Ahead
830673	South	Stopped in Traffic
830673	South	Going Straight Ahead

830692	North	Going Straight Ahead
830692	North	Making Right Turn (not turn on red)
830694	South	Going Straight Ahead
830694	South	Making Right Turn (not turn on red)
830727	South	Starting in Traffic
830727	South	Stopped in Traffic
830727	South	Stopped in Traffic
830761	North	Going Straight Ahead
830761	South	Making Left Turn
830774	South	Stopped in Traffic
830774	South	Slowing or Stopping
830783	South	Stopped in Traffic
830783	South	Starting in Traffic
830798	South	Going Straight Ahead
830798	South	Going Straight Ahead
830832	South	Starting in Traffic
830832	South	Stopped in Traffic
830843	North	Stopped in Traffic
830843	North	Slowing or Stopping
830872	West	Making Right Turn (not turn on red)
830872	West	Making Right Turn (not turn on red)
830888	North	Stopped in Traffic
830888	North	Slowing or Stopping
830892	East	Making Left Turn
830892	East	Making Left Turn
830993	North	Stopped in Traffic
830993	North	Going Straight Ahead
831036	North	Stopped in Traffic
831036	North	Slowing or Stopping
831120	North	Going Straight Ahead
831120	North	Merging/Entering Traf Lane
831121	South	Going Straight Ahead
831121	North	Making Left Turn
831218	West	Making Left Turn
831218	East	Going Straight Ahead
831241	South	Going Straight Ahead
831241	South	Going Straight Ahead
831258	South	Making Right Turn (not turn on red)
831258	South	Making Right Turn (not turn on red)
831259	East	Going Straight Ahead
831259	East	Making Left Turn
831269	West	Stopped in Traffic
831269	West	Changing Lanes
1131941	South	Going Straight Ahead
1131941	South	Changing Lanes
1131989	South	Stopped in Traffic
1131989	South	Going Straight Ahead

1132066	North	Going Straight Ahead
1132066	North	Changing Lanes
1132111	North	Going Straight Ahead
1132111	North	Going Straight Ahead
1132201	South	Making Right Turn (not turn on red)
1132201	South	Going Straight Ahead
1132203	South	Going Straight Ahead
1132203	South	Starting in Traffic
1132277	South	Going Straight Ahead
1132277	West	Making Left Turn
1132384	North	Stopped in Traffic
1132384	North	Slowing or Stopping
1132405	North	Going Straight Ahead
1132411	North	Going Straight Ahead
1132411	North	Changing Lanes
1132417	South	Going Straight Ahead
1132417	South	Changing Lanes
1132457	South	Stopped in Traffic
1132457	South	Slowing or Stopping
1132463	South	Stopped in Traffic
1132463	South	Going Straight Ahead
1132465	South	Going Straight Ahead
1132465	South	Going Straight Ahead
1132490	South	Slowing or Stopping
1132490	South	Changing Lanes
1132503	South	Going Straight Ahead
1132503	South	Stopped in Traffic
1132535	West	Making Right Turn (not turn on red)
1132556	South	Stopped in Traffic
1132556	South	Slowing or Stopping
1132722	North	Going Straight Ahead
1132722	West	Going Straight Ahead
1132734	South	Changing Lanes
1132734	South	Going Straight Ahead
1132754	South	Stopped in Traffic
1132754	South	Slowing or Stopping
1132767	South	Going Straight Ahead
1132767	South	Merging/Entering Traf Lane
1132825	South	Stopped in Traffic
1132825	South	Stopped in Traffic
1132825	South	Slowing or Stopping
1132830	North	Making Left Turn
1132830	North	Making Left Turn
1132836	South	Going Straight Ahead
1132836	North	Making Left Turn
1132837	North	Stopped in Traffic
1132837	North	Making Left Turn

1132938	East	Stopped in Traffic
1132938	East	Slowing or Stopping
1132941	North	Making Right Turn (not turn on red)
1132941	North	Going Straight Ahead
1133012	South	Slowing or Stopping
1133012	South	Slowing or Stopping
1133023	North	Slowing or Stopping
1133023	North	Slowing or Stopping
1133029	North	Going Straight Ahead
1133029	North	Changing Lanes
1133056	North	Slowing or Stopping
1133056	North	Changing Lanes
1133088	North	Stopped in Traffic
1133088	North	Slowing or Stopping
1133163	East	Going Straight Ahead
1133163	South	Making Left Turn
1133178	South	Starting in Traffic
1133178	South	Changing Lanes
1133186	South	Making Left Turn
1133186	North	Backing

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE	CRASH_YEAR
Wednesday	8:29 PM	Right Angle	2004
Tuesday	6:03 PM	Same Direction - Side Swipe	2004
Monday	1:40 PM	Same Direction - Rear End	2004
Sunday	6:03 AM	Other	2004
Sunday	9:17 AM	Left Turn / U Turn	2004
Monday	1:42 PM	Same Direction - Rear End	2004
Friday	9:23 AM	Same Direction - Rear End	2004
Tuesday	9:53 AM	Struck Parked Vehicle	2004
Thursday	6:56 AM	Other	2004
Monday	8:31 PM	Left Turn / U Turn	2004
Tuesday	8:44 AM	Same Direction - Side Swipe	2004
Tuesday	9:00 AM	Same Direction - Rear End	2004
Wednesday	3:02 PM	Same Direction - Side Swipe	2004
Monday	11:52 AM	Same Direction - Rear End	2004
Monday	12:41 PM	Same Direction - Rear End	2004
Monday	2:54 PM	Same Direction - Rear End	2004
Thursday	7:25 PM	Same Direction - Side Swipe	2004
Monday	7:50 PM	Same Direction - Rear End	2004
Saturday	9:42 PM	Left Turn / U Turn	2004
Monday	6:39 AM	Same Direction - Rear End	2004
Friday	4:45 PM	Same Direction - Side Swipe	2004
Tuesday	2:19 PM	Same Direction - Rear End	2004
Monday	11:12 AM	Same Direction - Rear End	2004
Thursday	10:56 AM	Right Angle	2004
Saturday	11:49 AM	Right Angle	2004
Saturday	12:57 PM	Right Angle	2004
Friday	4:32 PM	Same Direction - Rear End	2004
Tuesday	4:11 PM	Same Direction - Rear End	2004
Wednesday	9:41 PM	Same Direction - Rear End	2004
Wednesday	6:40 PM	Right Angle	2004
Friday	7:12 AM	Right Angle	2004
Sunday	6:34 PM	Same Direction - Rear End	2004
Saturday	7:35 PM	Right Angle	2004
Tuesday	6:54 AM	Same Direction - Side Swipe	2004
Wednesday	4:26 AM	Same Direction - Side Swipe	2004
Monday	2:47 PM	Same Direction - Rear End	2004
Wednesday	8:03 PM	Same Direction - Rear End	2004
Tuesday	[null]	Same Direction - Side Swipe	2004
Wednesday	6:29 PM	Same Direction - Side Swipe	2005
Thursday	[null]	Same Direction - Side Swipe	2005
Thursday	5:11 PM	Same Direction - Side Swipe	2005
Thursday	12:47 PM	Right Angle	2005

Thursday	5:07 PM	Right Angle	2005
Friday	5:21 PM	Same Direction - Rear End	2005
Tuesday	10:42 AM	Same Direction - Rear End	2005
Tuesday	9:37 AM	Right Angle	2005
Monday	11:28 AM	Same Direction - Side Swipe	2005
Sunday	9:00 PM	Right Angle	2005
Thursday	8:58 PM	Same Direction - Rear End	2005
Tuesday	6:04 PM	Same Direction - Side Swipe	2005
Wednesday	4:30 PM	Left Turn / U Turn	2005
Tuesday	4:59 PM	Same Direction - Rear End	2005
Tuesday	9:49 PM	Same Direction - Side Swipe	2005
Saturday	7:30 PM	Right Angle	2005
Tuesday	6:15 PM	Same Direction - Rear End	2005
Sunday	3:42 PM	Same Direction - Rear End	2005
Monday	12:37 PM	Same Direction - Side Swipe	2005
Tuesday	11:48 AM	Same Direction - Side Swipe	2005
Friday	8:20 AM	Same Direction - Rear End	2005
Tuesday	12:24 PM	Left Turn / U Turn	2005
Sunday	8:31 AM	Same Direction - Rear End	2005
Wednesday	9:52 AM	Same Direction - Rear End	2005
Tuesday	1:47 PM	Same Direction - Side Swipe	2005
Friday	7:42 PM	Same Direction - Side Swipe	2005
Tuesday	7:29 AM	Same Direction - Rear End	2005
Saturday	1:10 PM	Same Direction - Side Swipe	2005
Thursday	9:12 AM	Same Direction - Rear End	2005
Friday	11:02 AM	Same Direction - Side Swipe	2005
Friday	8:41 AM	Same Direction - Rear End	2005
Tuesday	2:51 PM	Same Direction - Rear End	2005
Wednesday	1:41 PM	Same Direction - Side Swipe	2005
Wednesday	2:53 PM	Left Turn / U Turn	2005
Thursday	7:08 AM	Left Turn / U Turn	2005
Sunday	11:06 AM	Same Direction - Side Swipe	2005
Wednesday	4:41 PM	Same Direction - Side Swipe	2005
Wednesday	8:02 PM	Same Direction - Side Swipe	2005
Friday	6:38 PM	Same Direction - Side Swipe	2005
Thursday	5:30 PM	Same Direction - Side Swipe	2006
Wednesday	7:54 PM	Same Direction - Rear End	2006
Wednesday	8:51 AM	Same Direction - Side Swipe	2006
Monday	11:08 AM	Same Direction - Side Swipe	2006
Tuesday	12:09 PM	Same Direction - Side Swipe	2006
Tuesday	7:12 PM	Same Direction - Side Swipe	2006
Thursday	12:25 PM	Right Angle	2006
Thursday	1:36 PM	Same Direction - Rear End	2006
Wednesday	10:49 AM	Fixed Object	2006
Wednesday	11:55 PM	Same Direction - Side Swipe	2006
Friday	7:58 AM	Same Direction - Side Swipe	2006
Friday	3:40 PM	Same Direction - Rear End	2006

Saturday	3:10 PM	Same Direction - Rear End	2006
Sunday	9:56 AM	Same Direction - Side Swipe	2006
Friday	9:20 PM	Same Direction - Side Swipe	2006
Tuesday	2:47 PM	Same Direction - Rear End	2006
Tuesday	4:23 PM	Fixed Object	2006
Wednesday	1:45 PM	Same Direction - Rear End	2006
Sunday	9:23 AM	Right Angle	2006
Wednesday	1:47 PM	Same Direction - Side Swipe	2006
Sunday	1:24 PM	Same Direction - Rear End	2006
Wednesday	5:52 PM	Same Direction - Side Swipe	2006
Friday	8:14 AM	Same Direction - Rear End	2006
Sunday	4:42 PM	Same Direction - Side Swipe	2006
Wednesday	7:47 PM	Left Turn / U Turn	2006
Thursday	6:52 AM	Same Direction - Rear End	2006
Tuesday	6:53 PM	Same Direction - Rear End	2006
Tuesday	8:49 PM	Same Direction - Side Swipe	2006
Thursday	9:03 AM	Same Direction - Rear End	2006
Saturday	8:00 AM	Same Direction - Rear End	2006
Sunday	12:25 PM	Same Direction - Side Swipe	2006
Tuesday	6:36 AM	Same Direction - Side Swipe	2006
Wednesday	11:00 AM	Same Direction - Rear End	2006
Monday	6:15 PM	Right Angle	2006
Friday	10:31 PM	Same Direction - Side Swipe	2006
Monday	9:29 AM	Backing	2006

VEHICLE\_TYPE

Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Pickup  
Passenger Van (< 9 Seats)  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit (3+ axle)  
Tractor Semi-Trailer  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan

Single Unit Truck w/Trailer  
Car/Station Wagon/Minivan  
Bus / Large Van (9 or more Seats)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Recreation Vehicle  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit (2 axle)  
Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Pickup  
Pickup  
Sport Utility Vehicle  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Motorcycle  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan



Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit (2 axle)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Passenger Van (< 9 Seats)  
Pickup  
Car/Station Wagon/Minivan  
Single Unit (2 axle)  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
NULL  
Pickup  
Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Car/Station Wagon/Minivan  
Single Unit (3+ axle)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Sport Utility Vehicle  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Other Truck  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Other Truck  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Passenger Van (< 9 Seats)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Single Unit (2 axle)

Single Unit (3+ axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Tractor Semi-Trailer

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Single Unit (3+ axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Tractor Semi-Trailer

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)



Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Moped

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION	INTERSECTION
200	Snow	Not At Intersection
300	Clear	Not At Intersection
[null]	Clear	At Intersection
250	Clear	Not At Intersection
350	Clear	Not At Intersection
10	Rain	Not At Intersection
40	Clear	Not At Intersection
[null]	Snow	Not At Intersection
250	Clear	Not At Intersection
[null]	Clear	At Intersection
50	Clear	Not At Intersection
170	Clear	Not At Intersection
80	Rain	Not At Intersection
60	Rain	Not At Intersection
[null]	Rain	At Intersection
10	Rain	Not At Intersection
150	Clear	Not At Intersection
[null]	Rain	At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
350	Clear	Not At Intersection
10	Rain	Not At Intersection
80	Rain	Not At Intersection
[null]	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
15	Clear	Not At Intersection
[null]	Rain	At Intersection
[null]	Clear	At Intersection
200	Clear	Not At Intersection
[null]	Rain	At Intersection
[null]	Clear	Not At Intersection
[null]	Clear	At Intersection
150	Clear	Not At Intersection
[null]	Rain	Not At Intersection
40	Rain	Not At Intersection
50	Clear	Not At Intersection
100	Clear	Not At Intersection
[null]	Rain	At Intersection
200	Rain	Not At Intersection
200	Clear	Not At Intersection
[null]	Clear	At Intersection

[null]	Clear	At Intersection
75	Clear	Not At Intersection
65	Clear	Not At Intersection
[null]	Snow	Not At Intersection
[null]	Clear	At Intersection
[null]	Rain	At Intersection
300	Clear	Not At Intersection
50	Clear	Not At Intersection
150	Clear	Not At Intersection
20	Clear	At Intersection
5	Clear	At Intersection
[null]	Clear	At Intersection
40	Clear	Not At Intersection
60	Clear	Not At Intersection
200	Clear	Not At Intersection
50	Clear	Not At Intersection
25	Clear	At Intersection
[null]	Clear	At Intersection
25	Clear	At Intersection
10	Clear	At Intersection
100	Clear	Not At Intersection
75	Clear	Not At Intersection
2	Clear	At Intersection
[null]	Clear	At Intersection
25	Rain	At Intersection
[null]	Clear	At Intersection
[null]	Rain	At Intersection
40	Rain	Not At Intersection
25	Clear	Not At Intersection
[null]	Clear	At Intersection
20	Clear	Not At Intersection
50	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
70	Clear	Not At Intersection
100	Clear	Not At Intersection
30	Clear	Not At Intersection
50	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
5	Clear	Not At Intersection
300	Clear	Not At Intersection
150	Clear	Not At Intersection
150	Clear	Not At Intersection
60	Clear	Not At Intersection
100	Clear	Not At Intersection
100	Overcast	Not At Intersection

2	Rain	Not At Intersection
100	Overcast	Not At Intersection
60	Rain	Not At Intersection
50	Clear	Not At Intersection
[null]	Clear	At Intersection
10	Clear	Not At Intersection
[null]	Clear	At Intersection
200	Clear	Not At Intersection
50	Clear	Not At Intersection
200	Clear	Not At Intersection
150	Rain	Not At Intersection
50	Clear	Not At Intersection
[null]	Clear	At Intersection
50	Clear	Not At Intersection
100	Rain	Not At Intersection
20	Rain	Not At Intersection
5	Clear	Not At Intersection
10	Clear	Not At Intersection
20	Clear	Not At Intersection
200	Clear	Not At Intersection
[null]	Overcast	Not At Intersection
150	Clear	Not At Intersection
50	Clear	Not At Intersection
30	Clear	Not At Intersection

LIGHT_CONDITION	SEVERITY
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dawn	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Dark (Street Lights On/ continuous)	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dusk	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (No Street Lights)	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Injury
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage



Dusk	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage

Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage

# Stelton Rd and New Brunswick Ave Intersection

2004-2006 Data

## Crash Table Data By Crash

ID	CASE_NUMBER	CRASH_DATE
512501	Apr-75	1/16/2004
512562	Apr-11	1/30/2004
512578	04-401	1/5/2004
512721	2004-2453	1/20/2004
512859	400-8782	3/18/2004
512873	4006924	2/26/2004
513078	4012117	4/28/2004
513432	4019903	7/24/2004
513515	4021771	8/13/2004
513594	4023875	9/7/2004
513673	4025717	9/29/2004
513815	4028775	11/4/2004
513859	4029475	11/12/2004
513860	4029478	11/11/2004
513899	4030293	11/23/2004
514024	4032624	12/22/2004
514040	4032933	12/27/2004
830004	5000189	1/3/2005
830017	5000421	1/6/2005
830035	5000850	1/11/2005
830176	5003569	2/14/2005
830203	5004127	2/20/2005
830260	5005176	3/5/2005
830268	5005360	3/7/2005
830289	5005497	3/9/2005
830342	5006721	3/24/2005
830442	5009603	4/28/2005
830521	5011534	5/23/2005
830545	5012166	5/31/2005
830574	5012690	6/6/2005
830627	5013952	6/21/2005
830693	5015579	7/11/2005
830895	5021251	9/16/2005
830925	5022108	9/26/2005
830964	5022977	10/7/2005
830970	5023062	10/8/2005
831010	5023839	10/18/2005
831041	5024455	10/26/2005
831066	5025142	11/2/2005
831071	5025277	11/3/2005
831112	5026153	11/14/2005
831136	5026541	11/18/2005

831256	5028621	12/12/2005
831278	5029011	12/19/2005
1131969	6001677	1/23/2006
1132013	6002600	2/2/2006
1132140	6005822	3/12/2006
1132242	6007970	4/8/2006
1132256	6008470	4/14/2006
1132292	6009208	4/22/2006
1132453	6012700	6/1/2006
1132562	6015216	6/30/2006
1132662	6017700	7/27/2006
1132745	6019633	8/18/2006
1132812	6021504	9/9/2006
1132817	6021741	9/12/2006
1132822	6021881	9/13/2006
1132893	6024139	10/8/2006
1132904	6024462	10/11/2006
1132942	6025100	10/18/2006
1132943	6025121	10/18/2006
1132967	6025573	10/23/2006
1132988	6026064	10/28/2006
1133009	6026510	11/2/2006

### Vehicle Table Data By Crash

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512501	South	Making Left Turn
512501	North	Going Straight Ahead
512562	South	Going Straight Ahead
512562	East	Changing Lanes
512578	South	Stopped in Traffic
512578	South	Slowing or Stopping
512721	South	Stopped in Traffic
512721	South	Making Left Turn
512859	West	Making Left Turn
512859	South	Going Straight Ahead
512873	East	Making Left Turn
512873	East	Making Left Turn
513078	East	Making Left Turn
513078	East	Making Left Turn
513432	West	Making Left Turn
513432	South	Going Straight Ahead
513515	South	Stopped in Traffic
513515	North	Going Straight Ahead
513594	South	Going Straight Ahead
513594	South	Changing Lanes
513673	West	Making Left Turn
513673	South	Going Straight Ahead

513815	South	Going Straight Ahead
513815	South	Making Right Turn (not turn on red)
513859	North	Going Straight Ahead
513859	East	Making Left Turn
513860	North	Making Right Turn (not turn on red)
513899	South	Going Straight Ahead
514024	North	Going Straight Ahead
514024	East	Making Left Turn
514040	East	Making Right Turn (not turn on red)
514040	West	Going Straight Ahead
830004	South	Going Straight Ahead
830004	South	Changing Lanes
830017	East	Going Straight Ahead
830017	East	Changing Lanes
830035	South	Stopped in Traffic
830035	South	Going Straight Ahead
830176	North	Going Straight Ahead
830176	South	Making Left Turn
830203	South	Going Straight Ahead
830203	North	Making Left Turn
830260	North	Changing Lanes
830260	North	Going Straight Ahead
830268	West	Going Straight Ahead
830268	East	Making Left Turn
830289	East	Stopped in Traffic
830289	East	Slowing or Stopping
830342	South	Making Right Turn (not turn on red)
830342	South	Going Straight Ahead
830442	South	Making Left Turn
830442	South	Making Left Turn
830521	South	Making Left Turn
830521	North	Going Straight Ahead
830545	South	Stopped in Traffic
830545	South	Slowing or Stopping
830574	North	Backing
830574	South	Stopped in Traffic
830627	South	Making Left Turn
830627	North	Going Straight Ahead
830693	East	Making Left Turn
830693	South	Going Straight Ahead
830895	South	Slowing or Stopping
830895	South	Slowing or Stopping
830925	East	Stopped in Traffic
830925	East	Making Left Turn
830964	South	Making Left Turn
830964	South	Making Left Turn
830970	East	Stopped in Traffic

830970	East	Slowing or Stopping
831010	South	Stopped in Traffic
831010	South	Slowing or Stopping
831041	South	Going Straight Ahead
831041	North	Making Left Turn
831066	West	Going Straight Ahead
831066	West	Making Left Turn
831071	South	Going Straight Ahead
831071	South	Changing Lanes
831112	North	Backing
831112	North	Going Straight Ahead
831136	South	Going Straight Ahead
831136	South	Making Left Turn
831256	South	Going Straight Ahead
831256	East	Making Left Turn
831278	North	Going Straight Ahead
831278	East	Making Left Turn
1131969	North	Going Straight Ahead
1132013	North	Making U Turn
1132013	North	Going Straight Ahead
1132140	South	Making Right Turn (not turn on red)
1132140	South	Going Straight Ahead
1132242	North	Going Straight Ahead
1132242	South	Making Left Turn
1132256	North	Stopped in Traffic
1132256	North	Stopped in Traffic
1132256	North	Going Straight Ahead
1132292	North	Making Right Turn (not turn on red)
1132453	North	Going Straight Ahead
1132453	North	Stopped in Traffic
1132453	North	Stopped in Traffic
1132562	West	Stopped in Traffic
1132562	West	Making Left Turn
1132662	South	Going Straight Ahead
1132662	West	Making Left Turn
1132745	South	Going Straight Ahead
1132745	South	Changing Lanes
1132812	South	Stopped in Traffic
1132812	South	Slowing or Stopping
1132817	South	Making Right Turn (not turn on red)
1132817	South	Slowing or Stopping
1132822	South	Going Straight Ahead
1132822	South	Changing Lanes
1132893	North	Making Left Turn
1132893	North	Passing
1132904	South	Going Straight Ahead
1132904	North	Making Left Turn

1132942	South	Making Right Turn (not turn on red)
1132942	South	Making Left Turn
1132943	North	Slowing or Stopping
1132943	North	Going Straight Ahead
1132967	North	Slowing or Stopping
1132967	North	Going Straight Ahead
1132988	North	Going Straight Ahead
1132988	South	Making Left Turn
1133009	North	Going Straight Ahead
1133009	East	Making Left Turn

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE
Friday	6:04 PM	Left Turn / U Turn
Friday	3:32 PM	Right Angle
Monday	1:17 PM	Same Direction - Rear End
Tuesday	3:49 PM	Same Direction - Side Swipe
Thursday	10:58 AM	Right Angle
Thursday	9:41 AM	Same Direction - Side Swipe
Wednesday	9:12 PM	Same Direction - Side Swipe
Saturday	5:24 PM	Right Angle
Friday	1:56 PM	Opposite Direction - Head On/Angular
Tuesday	1:19 PM	Same Direction - Side Swipe
Wednesday	7:50 PM	Right Angle
Thursday	4:07 PM	Same Direction - Rear End
Friday	6:03 PM	Right Angle
Thursday	6:14 PM	Non-fixed Object
Tuesday	5:28 AM	Non-fixed Object
Wednesday	2:33 PM	Right Angle
Monday	1:49 AM	Opposite Direction - Head On/Angular
Monday	9:30 PM	Same Direction - Side Swipe
Thursday	6:46 AM	Same Direction - Side Swipe
Tuesday	8:07 PM	Same Direction - Rear End
Monday	8:08 AM	Left Turn / U Turn
Sunday	11:04 PM	Left Turn / U Turn
Saturday	12:10 PM	Same Direction - Side Swipe
Monday	6:27 PM	Left Turn / U Turn
Wednesday	8:05 AM	Same Direction - Rear End
Thursday	5:45 PM	Same Direction - Side Swipe
Thursday	6:45 PM	Same Direction - Side Swipe
Monday	11:09 AM	Left Turn / U Turn
Tuesday	4:24 PM	Same Direction - Rear End
Monday	8:51 AM	Backing
Tuesday	4:14 PM	Opposite Direction - Head On/Angular
Monday	4:53 PM	Right Angle
Friday	5:02 PM	Same Direction - Rear End
Monday	5:22 PM	Same Direction - Side Swipe
Friday	5:39 PM	Same Direction - Rear End
Saturday	6:48 PM	Same Direction - Rear End
Tuesday	11:47 AM	Same Direction - Rear End
Wednesday	12:00 PM	Left Turn / U Turn
Wednesday	11:14 AM	Same Direction - Side Swipe
Thursday	4:35 PM	Same Direction - Side Swipe
Monday	5:38 PM	Backing
Friday	1:40 PM	Same Direction - Rear End



Monday	1:14 PM	Right Angle
Monday	7:26 PM	Right Angle
Monday	4:43 AM	Fixed Object
Thursday	1:15 PM	Same Direction - Side Swipe
Sunday	8:03 PM	Same Direction - Rear End
Saturday	8:15 AM	Left Turn / U Turn
Friday	7:41 AM	Same Direction - Rear End
Saturday	11:58 PM	Fixed Object
Thursday	9:07 PM	Same Direction - Rear End
Friday	8:15 AM	Same Direction - Side Swipe
Thursday	3:14 PM	Right Angle
Friday	1:52 PM	Same Direction - Side Swipe
Saturday	3:53 PM	Same Direction - Rear End
Tuesday	10:33 AM	Same Direction - Rear End
Wednesday	4:02 PM	Same Direction - Side Swipe
Sunday	7:19 PM	Same Direction - Side Swipe
Wednesday	5:56 PM	Left Turn / U Turn
Wednesday	10:06 AM	Same Direction - Side Swipe
Wednesday	1:43 PM	Same Direction - Rear End
Monday	2:42 PM	Same Direction - Rear End
Saturday	10:24 PM	Left Turn / U Turn
Thursday	8:20 AM	Right Angle

VEHICLE_TYPE
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Single Unit Truck w/Trailer
Car/Station Wagon/Minivan
Single Unit Truck w/Trailer
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Tractor Semi-Trailer
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Single Unit Truck w/Trailer
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Recreation Vehicle
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan
Car/Station Wagon/Minivan

Single Unit (2 axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Tractor Semi-Trailer

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Pickup

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Single Unit (2 axle)

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Pickup

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit Truck w/Trailer  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Recreation Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

CRASH_YEAR	DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION
2004	[null]	Clear
2004	30	Clear
2004	50	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	50	Clear
2004	30	Clear
2004	150	Clear
2004	[null]	Clear
2004	[null]	Rain
2004	[null]	Rain
2004	[null]	Rain
2004	100	Clear
2004	300	Clear
2004	50	Snow
2005	150	Rain
2005	150	Rain
2005	[null]	Rain
2005	[null]	Clear
2005	[null]	Snow
2005	80	Clear
2005	50	Clear
2005	20	Clear
2005	[null]	Clear
2005	[null]	Clear
2005	100	Clear
2005	15	Clear
2005	20	Clear
2005	[null]	Clear
2005	30	Clear
2005	10	Clear
2005	[null]	Clear
2005	[null]	Rain
2005	50	Rain
2005	200	Clear
2005	200	Clear
2005	100	Clear
2005	100	Clear
2005	50	Clear
2005	10	Clear

2005	110	Clear
2005	[null]	Clear
2006	10	Rain
2006	150	Clear
2006	50	Rain
2006	[null]	Rain
2006	75	Clear
2006	[null]	Rain
2006	80	Rain
2006	[null]	Clear
2006	20	Clear
2006	75	Clear
2006	35	Clear
2006	200	Clear
2006	250	Clear
2006	20	Clear
2006	50	Rain
2006	15	Clear
2006	30	Clear
2006	250	Clear
2006	[null]	Clear
2006	[null]	Overcast

INTERSECTION	LIGHT_CONDITION	SEVERITY
At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Dusk	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Dawn	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dusk	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Dusk	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage

Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Injury



# Stelton Rd and Ethel Ave Intersection

2004-2006 Data

## Crash Table Data By Crash

ID	CASE_NUMBER	CRASH_DATE
512497	04-177?	1/15/2004
512715	2004-2250	1/19/2004
512741	2004-3225	1/22/2004
512743	2004-3322	1/27/2004
512779	2004-4594	2/6/2004
512785	2004-484	1/6/2004
512826	2004-6624	2/23/2004
513007	4010535	4/9/2004
513041	4011413	4/20/2004
513060	4011925	4/26/2004
513316	4017208	6/24/2004
513323	4017381	6/26/2004
513433	4019909	7/4/2004
513654	4025172	9/23/2004
513658	4025233	9/24/2004
513739	4027070	10/15/2004
513809	4028586	11/2/2004
513814	4028774	11/4/2004
513973	4031671	12/10/2004
830126	5002417	1/31/2005
830164	5003326	2/10/2005
830217	5004459	2/24/2005
830371	5007602	4/5/2005
830407	5008358	4/14/2005
830475	5010168	5/5/2005
830481	5010326	5/7/2005
830593	5013133	6/11/2005
830622	5013726	6/18/2005
830625	5013847	6/20/2005
830835	5019608	8/27/2005
830880	5020910	9/12/2005
830929	5022172	9/27/2005
830971	5023162	10/9/2005
831056	5024771	10/29/2005
831099	5025904	11/11/2005
831190	5027781	12/4/2005
831242	5028350	12/11/2005
1131988	6001917	1/25/2006
1132238	6007905	4/7/2006
1132295	6009234	4/23/2006
1132460	6012798	6/2/2006
1132545	6014635	6/23/2006

1132549	6014839	6/26/2006
1132719	6019075	8/12/2006
1132870	6023326	9/29/2006
1132897	6024230	10/9/2006
1132992	6026141	10/29/2006
1133000	6026331	10/31/2006
1133006	6026432	11/1/2006
1133189	6030580	12/19/2006
1133221	6031253	12/28/2006
1133229	6602537	2/1/2006

### Vehicle Table Data By Crash

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512497	West	Going Straight Ahead
512715	West	Stopped in Traffic
512715	West	Going Straight Ahead
512741	West	Slowing or Stopping
512741	West	Slowing or Stopping
512743	South	Going Straight Ahead
512743	East	Going Straight Ahead
512779	West	Going Straight Ahead
512779	East	Going Straight Ahead
512785	North	Slowing or Stopping
512785	North	Slowing or Stopping
512826	North	Making Right Turn (not turn on red)
512826	North	Slowing or Stopping
513007	East	Making Left Turn
513007	South	Going Straight Ahead
513041	North	Going Straight Ahead
513041	West	Making Right Turn (not turn on red)
513060	South	Stopped in Traffic
513060	South	Slowing or Stopping
513316	South	Stopped in Traffic
513316	South	Slowing or Stopping
513323	South	Stopped in Traffic
513323	South	Slowing or Stopping
513433	North	Stopped in Traffic
513433	North	Going Straight Ahead
513654	North	Stopped in Traffic
513654	North	Slowing or Stopping
513658	South	Going Straight Ahead
513658	South	Going Straight Ahead
513739	North	Going Straight Ahead
513739	East	Making Left Turn
513739	West	Stopped in Traffic
513809	North	Stopped in Traffic
513809	North	Starting in Traffic

513814	South	Slowing or Stopping
513814	South	Slowing or Stopping
513973	East	Going Straight Ahead
513973	South	Going Straight Ahead
830126	South	Going Straight Ahead
830126	South	Going Straight Ahead
830164	North	Stopped in Traffic
830164	North	Starting in Traffic
830217	South	Going Straight Ahead
830217	South	Going Straight Ahead
830217	South	Slowing or Stopping
830217	South	Slowing or Stopping
830371	North	Making Right Turn (not turn on red)
830371	North	Making Right Turn (not turn on red)
830407	North	Stopped in Traffic
830407	North	Going Straight Ahead
830475	West	Making Left Turn
830475	South	Going Straight Ahead
830481	South	Stopped in Traffic
830481	South	Going Straight Ahead
830593	South	Stopped in Traffic
830593	South	Going Straight Ahead
830622	South	Going Straight Ahead
830622	East	Making Left Turn
830625	South	Stopped in Traffic
830625	South	Slowing or Stopping
830835	South	Stopped in Traffic
830835	South	Going Straight Ahead
830880	South	Stopped in Traffic
830880	South	Starting in Traffic
830929	North	Stopped in Traffic
830929	North	Slowing or Stopping
830929	North	Going Straight Ahead
830971	South	Stopped in Traffic
830971	South	Starting in Traffic
831056	South	Slowing or Stopping
831056	South	Slowing or Stopping
831099	South	Stopped in Traffic
831099	South	Starting in Traffic
831190	South	Going Straight Ahead
831242	North	Stopped in Traffic
831242	North	Slowing or Stopping
1131988	South	Going Straight Ahead
1131988	West	Making Left Turn
1132238	East	Stopped in Traffic
1132238	West	Making Right Turn (not turn on red)
1132295	South	Stopped in Traffic

1132295	South	Going Straight Ahead
1132460	North	Going Straight Ahead
1132460	South	Making U Turn
1132545	South	Stopped in Traffic
1132545	South	Going Straight Ahead
1132549	North	Stopped in Traffic
1132549	North	Going Straight Ahead
1132549	North	Stopped in Traffic
1132549	North	Stopped in Traffic
1132719	South	Stopped in Traffic
1132719	South	Going Straight Ahead
1132870	North	Going Straight Ahead
1132870	North	Going Straight Ahead
1132897	West	Going Straight Ahead
1132992	North	Stopped in Traffic
1132992	North	Going Straight Ahead
1133000	South	Passing
1133000	East	Making Left Turn
1133006	West	Going Straight Ahead
1133006	South	Going Straight Ahead
1133189	North	Going Straight Ahead
1133189	North	Changing Lanes
1133221	West	Going Straight Ahead
1133229	South	Going Straight Ahead
1133229	South	Going Straight Ahead

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE
Thursday	9:16 AM	Fixed Object
Monday	8:25 AM	Same Direction - Rear End
Thursday	4:45 PM	Same Direction - Rear End
Tuesday	11:27 AM	Right Angle
Friday	7:20 AM	Opposite Direction - Head On/Angular
Tuesday	7:28 AM	Same Direction - Rear End
Monday	4:49 PM	Same Direction - Side Swipe
Friday	4:20 PM	Right Angle
Tuesday	1:04 PM	Right Angle
Monday	8:25 AM	Same Direction - Rear End
Thursday	5:29 PM	Same Direction - Rear End
Saturday	6:02 PM	Same Direction - Rear End
Sunday	6:55 PM	Same Direction - Side Swipe
Thursday	12:53 PM	Same Direction - Rear End
Friday	7:26 AM	Same Direction - Rear End
Friday	4:14 PM	Right Angle
Tuesday	1:23 PM	Same Direction - Side Swipe
Thursday	3:56 PM	Same Direction - Rear End
Friday	3:05 AM	Right Angle
Monday	8:31 AM	Same Direction - Rear End
Thursday	6:11 PM	Same Direction - Rear End
Thursday	3:27 PM	Same Direction - Rear End
Tuesday	3:14 PM	Same Direction - Side Swipe
Thursday	8:29 PM	Same Direction - Rear End
Thursday	9:58 AM	Right Angle
Saturday	2:42 PM	Same Direction - Rear End
Saturday	8:06 PM	Same Direction - Side Swipe
Saturday	10:26 PM	Right Angle
Monday	2:30 PM	Same Direction - Rear End
Saturday	4:58 PM	Same Direction - Rear End
Monday	6:03 PM	Same Direction - Rear End
Tuesday	1:52 PM	Same Direction - Rear End
Sunday	9:17 PM	Same Direction - Rear End
Saturday	12:23 PM	Same Direction - Rear End
Friday	10:37 AM	Same Direction - Rear End
Sunday	8:02 AM	Other
Sunday	11:25 AM	Same Direction - Rear End
Wednesday	5:44 PM	Right Angle
Friday	12:23 PM	Opposite Direction - Head On/Angular
Sunday	2:26 PM	Same Direction - Rear End
Friday	8:11 PM	Left Turn / U Turn
Friday	8:07 PM	Same Direction - Rear End

Monday	6:27 PM	Same Direction - Rear End
Saturday	12:07 PM	Same Direction - Rear End
Friday	1:57 PM	Same Direction - Rear End
Monday	4:14 PM	Fixed Object
Sunday	5:13 PM	Same Direction - Rear End
Tuesday	3:48 PM	Right Angle
Wednesday	12:48 PM	Right Angle
Tuesday	3:15 PM	Same Direction - Side Swipe
Thursday	1:16 PM	Fixed Object
Wednesday	6:31 PM	Same Direction - Side Swipe

**VEHICLE\_TYPE**

- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Single Unit Truck w/Trailer
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Passenger Van (< 9 Seats)
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan
- Passenger Van (< 9 Seats)
- Car/Station Wagon/Minivan
- Car/Station Wagon/Minivan

Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit (2 axle)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Motorcycle  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Passenger Van (< 9 Seats)  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Single Unit (2 axle)  
Single Unit (2 axle)  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Sport Utility Vehicle

Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)



CRASH_YEAR	DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION
2004	150	Snow
2004	25	Clear
2004	20	Clear
2004	150	Snow
2004	1000	Rain
2004	25	Clear
2004	20	Clear
2004	200	Clear
2004	200	Clear
2004	200	Rain
2004	100	Clear
2004	100	Clear
2004	[null]	Clear
2004	100	Clear
2004	[null]	Clear
2004	[null]	Rain
2004	75	Clear
2004	250	Rain
2004	[null]	Rain
2005	60	Clear
2005	100	Clear
2005	250	Snow
2005	[null]	Clear
2005	50	Clear
2005	250	Clear
2005	25	Clear
2005	125	Clear
2005	300	Clear
2005	300	Clear
2005	100	Clear
2005	100	Clear
2005	[null]	Clear
2005	[null]	Rain
2005	50	Clear
2005	50	Clear
2005	500	Snow
2005	25	Clear
2006	350	Clear
2006	50	Rain
2006	5	Clear
2006	300	Rain
2006	300	Rain

2006	100	Clear
2006	62	Clear
2006	75	Clear
2006	200	Clear
2006	75	Clear
2006	200	Clear
2006	[null]	Clear
2006	20	Clear
2006	1000	Clear
2006	200	Clear

INTERSECTION	LIGHT_CONDITION	SEVERITY
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Dusk	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (No Street Lights)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage

Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Injury
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights Off)	Property Damage

**South Randolphville Rd and Centennial Ave Intersection**  
2004-2006 Data

**Crash Table Data By Crash**

ID	CASE_NUMBER	CRASH_DATE
512523	Apr-77	1/21/2004
513136	4013513	5/14/2004
513139	4013520	5/14/2004
513477	4020900	8/4/2004
513610	4024251	9/12/2004
513711	4026506	10/8/2004
513882	4029867	11/17/2004
513904	4030388	11/24/2004
830198	5004062	2/19/2005
830253	5005072	3/4/2005
830287	5005494	3/9/2005
830291	5005506	3/9/2005
830397	5008162	4/12/2005
830472	5010148	5/5/2005
830506	5011110	2/17/2005
830644	501441	1/19/2005
830861	5020299	9/5/2005
831044	5024532	10/27/2005
831117	5026247	11/15/2005
831137	5026588	11/19/2005
831168	5027332	11/29/2005
1131950	6001078	1/15/2006
1132004	6002339	1/30/2006
1132049	6003328	2/10/2006
1132060	6003524	2/13/2006
1132159	6006237	3/17/2006
1132419	6012112	5/26/2006
1132495	6013458	6/10/2006
1132914	6024573	10/12/2006
1132973	6025776	10/25/2006
1133001	6026333	10/31/2006

**Vehicle Table Data By Crash**

ID	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512523	South	Stopped in Traffic
512523	South	Slowing or Stopping
513136	South	Going Straight Ahead
513136	South	Making U Turn
513139	North	Stopped in Traffic
513139	North	Slowing or Stopping
513477	South	Going Straight Ahead
513610	South	Going Straight Ahead

513711	West	Going Straight Ahead
513711	South	Making Left Turn
513882	West	Making Left Turn
513882	South	Making Left Turn
513904	NULL	NULL
513904	NULL	Unknown
830198	East	Stopped in Traffic
830198	East	Slowing or Stopping
830253	South	Stopped in Traffic
830253	South	Slowing or Stopping
830287	North	Stopped in Traffic
830287	North	Starting in Traffic
830291	East	Going Straight Ahead
830397	East	Starting in Traffic
830397	East	Stopped in Traffic
830397	East	Stopped in Traffic
830472	North	Other Veh/Cyclist Action
830506	East	Slowing or Stopping
830506	East	Going Straight Ahead
830644	West	Slowing or Stopping
830644	North	Going Straight Ahead
830861	East	Stopped in Traffic
830861	East	Going Straight Ahead
831044	South	Slowing or Stopping
831044	South	Stopped in Traffic
831117	West	Stopped in Traffic
831117	West	Slowing or Stopping
831137	North	Going Straight Ahead
831168	East	Stopped in Traffic
831168	East	Slowing or Stopping
831168	East	Starting in Traffic
1131950	West	Stopped in Traffic
1131950	West	Slowing or Stopping
1132004	South	Going Straight Ahead
1132004	South	Going Straight Ahead
1132049	West	Slowing or Stopping
1132060	East	Stopped in Traffic
1132060	East	Going Straight Ahead
1132159	South	Going Straight Ahead
1132159	West	Making Left Turn
1132419	South	Going Straight Ahead
1132419	West	Changing Lanes
1132495	East	Stopped in Traffic
1132495	West	Backing
1132914	North	Stopped in Traffic
1132914	North	Slowing or Stopping
1132973	West	Going Straight Ahead

1132973

West

Going Straight Ahead

1133001

North

Slowing or Stopping

1133001

North

Slowing or Stopping

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE	CRASH_YEAR
Wednesday	2:19 PM	Same Direction - Rear End	2004
Friday	12:57 PM	Same Direction - Side Swipe	2004
Friday	2:36 PM	Same Direction - Rear End	2004
Wednesday	4:16 PM	Other	2004
Sunday	7:15 AM	Fixed Object	2004
Friday	3:15 PM	Right Angle	2004
Wednesday	4:39 PM	Right Angle	2004
Wednesday	7:27 AM	Other	2004
Saturday	9:16 PM	Same Direction - Rear End	2005
Friday	7:12 AM	Same Direction - Rear End	2005
Wednesday	6:57 AM	Same Direction - Rear End	2005
Wednesday	9:27 AM	Other	2005
Tuesday	4:36 PM	Same Direction - Rear End	2005
Thursday	2:30 AM	Fixed Object	2005
Thursday	5:31 PM	Same Direction - Rear End	2005
Wednesday	6:52 PM	Right Angle	2005
Monday	12:32 PM	Same Direction - Rear End	2005
Thursday	8:46 AM	Same Direction - Rear End	2005
Tuesday	2:17 PM	Same Direction - Rear End	2005
Saturday	12:41 PM	Other	2005
Tuesday	5:33 PM	Same Direction - Rear End	2005
Sunday	11:19 AM	Same Direction - Rear End	2006
Monday	5:49 PM	Same Direction - Rear End	2006
Friday	6:16 PM	Animal	2006
Monday	7:02 PM	Same Direction - Rear End	2006
Friday	5:01 PM	Right Angle	2006
Friday	12:42 PM	Right Angle	2006
Saturday	3:35 PM	Backing	2006
Thursday	2:53 PM	Same Direction - Rear End	2006
Wednesday	5:49 PM	Same Direction - Rear End	2006
Tuesday	4:09 PM	Same Direction - Rear End	2006

#### VEHICLE\_TYPE

Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Sport Utility Vehicle  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Pickup



Car/Station Wagon/Minivan  
Sport Utility Vehicle  
Pickup  
Car/Station Wagon/Minivan  
NULL  
NULL  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Passenger Van (< 9 Seats)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit Truck w/Trailer  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Single Unit (2 axle)  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle  
Sport Utility Vehicle  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Cargo Van (10K lbs or less)  
Sport Utility Vehicle

Sport Utility Vehicle

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION	INTERSECTION
10	Clear	Not At Intersection
80	Clear	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	At Intersection
[null]	Clear	Not At Intersection
150	Clear	Not At Intersection
[null]	Clear	At Intersection
200	NULL	Not At Intersection
[null]	Clear	At Intersection
[null]	Clear	Not At Intersection
[null]	Clear	At Intersection
400	Clear	Not At Intersection
20	Clear	At Intersection
200	Clear	Not At Intersection
100	Clear	Not At Intersection
[null]	Snow	At Intersection
30	Clear	At Intersection
100	Clear	Not At Intersection
[null]	Clear	At Intersection
100	Clear	Not At Intersection
25	Clear	Not At Intersection
10	Clear	Not At Intersection
50	Clear	Not At Intersection
158	Clear	Not At Intersection
100	Clear	Not At Intersection
[null]	Clear	At Intersection
10	Overcast	Not At Intersection
10	Clear	Not At Intersection
40	Clear	Not At Intersection
300	Clear	Not At Intersection
12	Clear	Not At Intersection

LIGHT_CONDITION	SEVERITY
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Dusk	Property Damage
NULL	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Injury
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Injury
Daylight	Injury
Daylight	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Injury
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Dark (Street Lights On/ continuous)	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Daylight	Property Damage
Dusk	Property Damage

**Old New Brunswick and Centennial Ave Intersection**  
2004-2006 Data

**Crash Table Data By Crash**

ID	Narrative	CASE_NUMBER	CRASH_DATE
512609	n/a	Apr-41	2/9/2004
512638	n/a	Apr-56	2/24/2004
512692	n/a	2004-1824	1/15/2004
512694	n/a	2004-1867	1/15/2004
512853	n/a	400-8551	3/15/2004
512881	n/a	4007234	2/29/2004
513369	n/a	4018764	7/12/2004
513737	n/a	4027031	10/15/2004
513852	n/a	4029439	11/12/2004
513858	n/a	4029474	11/12/2004
513957	n/a	4031321	12/5/2004
830005	n/a	5000226	1/4/2005
830049	n/a	5001296	1/18/2005
830220	n/a	5004468	2/24/2005
830244	n/a	5004841	3/1/2005
830267	n/a	5005297	3/7/2005
830283	n/a	5005461	3/8/2005
830360	n/a	5007262	4/1/2005
830372	n/a	5007605	4/5/2005
830648	n/a	5014442	6/27/2005
830701	n/a	5015842	7/14/2005
830712	n/a	5016031	7/16/2005
830731	n/a	5016599	7/22/2005
830744	n/a	5017087	7/27/2005
830763	n/a	5017560	8/2/2005
830767	n/a	5017639	8/3/2005
830940	n/a	5022344	9/29/2005
830987	n/a	5023428	10/13/2005
831129	n/a	5026387	11/16/2005
831251	n/a	5028500	12/13/2005
1132118	n/a	6004820	3/1/2006
1132587	n/a	6015837	7/7/2006
1133028	n/a	6026744	11/5/2006
1133169	n/a	6030095	12/13/2006

**Vehicle Table Data By Crash**

ID	Narrative	DIRECTION_OF_TRAVEL	PRE_CRASH_VEHICLE_ACTION
512609	n/a	South	Stopped in Traffic
512609	n/a	South	Going Straight Ahead
512638	n/a	East	Going Straight Ahead
512638	n/a	East	Changing Lanes
512692	n/a	South	Going Straight Ahead

512692	n/a	West	Making Right Turn (not turn on red)
512694	n/a	West	Stopped in Traffic
512694	n/a	West	Slowing or Stopping
512853	n/a	East	Going Straight Ahead
512853	n/a	East	Slowing or Stopping
512881	n/a	East	Backing
512881	n/a	East	Slowing or Stopping
513369	n/a	South	NULL
513369	n/a	East	Making Left Turn
513737	n/a	West	Making U Turn
513737	n/a	West	Going Straight Ahead
513852	n/a	West	Going Straight Ahead
513852	n/a	West	Changing Lanes
513858	n/a	West	Slowing or Stopping
513858	n/a	West	Stopped in Traffic
513957	n/a	South	Going Straight Ahead
513957	n/a	West	Making Left Turn
830005	n/a	East	Going Straight Ahead
830005	n/a	South	Going Straight Ahead
830049	n/a	West	Stopped in Traffic
830049	n/a	West	Slowing or Stopping
830220	n/a	West	Stopped in Traffic
830220	n/a	West	Slowing or Stopping
830220	n/a	West	Slowing or Stopping
830244	n/a	South	Slowing or Stopping
830244	n/a	South	Slowing or Stopping
830267	n/a	East	Making Right Turn (not turn on red)
830267	n/a	East	Making Right Turn (not turn on red)
830267	n/a	East	Making Right Turn (not turn on red)
830283	n/a	West	Stopped in Traffic
830283	n/a	West	Slowing or Stopping
830360	n/a	East	Going Straight Ahead
830360	n/a	East	Changing Lanes
830372	n/a	North	Stopped in Traffic
830372	n/a	North	Slowing or Stopping
830648	n/a	East	Making Left Turn
830701	n/a	East	Stopped in Traffic
830701	n/a	East	Slowing or Stopping
830701	n/a	East	Slowing or Stopping
830712	n/a	East	Making Left Turn
830712	n/a	West	Going Straight Ahead
830731	n/a	West	Going Straight Ahead
830731	n/a	West	Changing Lanes
830744	n/a	East	Making Left Turn
830744	n/a	West	Going Straight Ahead
830763	n/a	South	Going Straight Ahead
830763	n/a	East	Going Straight Ahead

830767	n/a	West	Going Straight Ahead
830767	n/a	West	Changing Lanes
830940	n/a	West	Stopped in Traffic
830940	n/a	West	Backing
830987	n/a	North	Stopped in Traffic
830987	n/a	North	Going Straight Ahead
831129	n/a	West	Making Left Turn
831129	n/a	East	Going Straight Ahead
831251	n/a	East	Stopped in Traffic
831251	n/a	East	Going Straight Ahead
1132118	n/a	South	Merging/Entering Traf Lane
1132118	n/a	South	Starting in Traffic
1132587	n/a	West	Starting in Traffic
1132587	n/a	West	Starting in Traffic
1133028	n/a	West	Going Straight Ahead
1133028	n/a	South	Slowing or Stopping
1133169	n/a	West	Going Straight Ahead
1133169	n/a	East	Making Left Turn

CRASH_DAY_OF_WEEK	CRASH_TIME	CRASH_TYPE
Monday	11:23 AM	Same Direction - Rear End
Tuesday	3:23 PM	Same Direction - Side Swipe
Thursday	3:32 PM	Right Angle
Thursday	9:30 PM	Same Direction - Rear End
Monday	3:16 PM	Same Direction - Rear End
Sunday	6:16 PM	Backing
Monday	8:24 AM	Right Angle
Friday	7:37 AM	Same Direction - Side Swipe
Friday	8:47 AM	Same Direction - Side Swipe
Friday	5:33 PM	Same Direction - Rear End
Sunday	3:33 PM	Right Angle
Tuesday	12:34 PM	Right Angle
Tuesday	8:13 AM	Same Direction - Rear End
Thursday	4:57 PM	Same Direction - Rear End
Tuesday	9:17 AM	Same Direction - Rear End
Monday	8:13 AM	Same Direction - Rear End
Tuesday	6:00 PM	Same Direction - Rear End
Friday	8:01 AM	Same Direction - Rear End
Tuesday	3:38 PM	Same Direction - Rear End
Monday	5:25 PM	Other
Thursday	6:39 PM	Same Direction - Rear End
Saturday	9:50 PM	Left Turn / U Turn
Friday	3:36 PM	Same Direction - Side Swipe
Wednesday	7:36 PM	Left Turn / U Turn
Tuesday	4:01 PM	Right Angle
Wednesday	3:11 PM	Same Direction - Side Swipe
Thursday	1:25 PM	Other
Thursday	12:35 PM	Same Direction - Side Swipe
Wednesday	9:11 PM	Opposite Direction - Head On/Angular
Tuesday	8:45 AM	Same Direction - Rear End
Wednesday	8:35 AM	Same Direction - Rear End
Friday	10:28 AM	Same Direction - Rear End
Sunday	12:18 AM	Right Angle
Wednesday	12:00 PM	Left Turn / U Turn

#### VEHICLE\_TYPE

Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan



Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
NULL  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Pickup  
Pickup  
Pickup  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
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Pickup  
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Pickup  
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Car/Station Wagon/Minivan  
Car/Station Wagon/Minivan  
Pickup  
Car/Station Wagon/Minivan

Pickup

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Tractor Semi-Trailer

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Car/Station Wagon/Minivan

Passenger Van (< 9 Seats)

(reserved)

(reserved)

(reserved)

(reserved)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

Cargo Van (10K lbs or less)

CRASH_YEAR	DISTANCE_TO_CROSS_STREET	ENVIRONMENTAL_CONDITION
2004	100	Clear
2004	15	Snow
2004	[null]	Clear
2004	20	Clear
2004	25	Clear
2004	[null]	Clear
2004	[null]	Clear
2004	200	Clear
2004	250	Rain
2004	[null]	Rain
2004	[null]	Clear
2005	[null]	Clear
2005	50	Clear
2005	300	Snow
2005	250	Snow
2005	10	Clear
2005	10	Snow
2005	[null]	Clear
2005	30	Clear
2005	50	Rain
2005	5	Clear
2005	[null]	Clear
2005	30	Clear
2005	[null]	Clear
2005	[null]	Clear
2005	200	Clear
2005	[null]	Rain
2005	[null]	Rain
2005	10	Rain
2005	15	Clear
2006	10	Clear
2006	[null]	Clear
2006	[null]	Clear
2006	200	Rain

INTERSECTION	LIGHT_CONDITION	SEVERITY
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Injury
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Injury
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Dusk	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
Not At Intersection	Daylight	Injury
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Injury
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Injury
At Intersection	Daylight	Injury
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
Not At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage
Not At Intersection	Daylight	Property Damage
At Intersection	Daylight	Property Damage
At Intersection	Dark (Street Lights On/ continuous)	Property Damage
Not At Intersection	Daylight	Property Damage

**PISCATAWAY TOWNSHIP POLICE DEPARTMENT  
TRAFFIC DIVISION  
555 SIDNEY ROAD  
PISCATAWAY, NEW JERSEY 08854**

*Lt. Scott Iannuzzo  
Supervisor  
(732) 562-2345*

Director Patricia Ott  
New Jersey Department of Transportation  
Attn: Division of Traffic Engineering and Safety  
1035 Parkway Avenue  
Trenton, New Jersey 08625

November 5, 2008

To Director Ott:

Attached please find a copy of the missing data requested by Gary Stricker from each of the six intersections we applied for under Piscataway Township's Red Light Running application. With this attached data, all approaches of each intersection should now be complete. Please advise me if there are any items that need further attention.

It is hoped, with this submitted data, that our application is now complete and will be considered for approval in the very near future.  
I have also emailed and faxed this information to you.  
Thank you very much.

*Respectfully Submitted,*

*Lt. Scott Iannuzzo*

# The RBA Group

7 Campus Drive, Suite 300  
Parlissippany, NJ 07054

File Name : 79-01  
Site Code : 1  
Start Date : 10/30/2008  
Page No : 1

## Groups Printed- Total Volume

Start Time	Old New Brunswick Road Southbound					Centennial Avenue Westbound					Old New Brunswick Road Northbound					Centennial Avenue Eastbound					Int Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00 AM	9	158	28	2	197	36	25	0	0	61	73	60	23	0	156	15	21	43	0	79	493
07:15 AM	6	147	21	0	174	38	35	6	0	79	85	97	23	0	205	28	24	57	0	109	567
07:30 AM	8	197	31	0	236	22	48	1	0	71	80	70	17	0	167	31	36	82	0	149	623
07:45 AM	15	189	51	1	256	53	59	0	0	112	65	62	29	0	156	14	36	96	0	146	670
Total	38	691	131	3	863	149	167	7	0	323	303	289	92	0	684	88	117	278	0	483	2353
08:00 AM	16	234	72	0	322	40	69	0	0	109	89	57	27	0	173	25	25	89	0	139	743
08:15 AM	16	200	52	0	268	52	65	3	0	120	72	46	39	0	157	27	31	85	0	143	688
08:30 AM	20	186	51	0	257	64	77	2	2	143	75	44	29	0	148	38	41	76	0	155	703
08:45 AM	22	144	59	1	226	59	84	3	0	146	64	62	31	0	157	25	38	37	0	100	629
Total	74	764	234	1	1073	215	295	8	0	518	300	209	126	0	635	115	135	287	0	537	2763

\*\*\* BREAK \*\*\*

11:00 AM	19	39	17	0	75	29	21	0	0	50	24	25	31	0	80	9	29	23	0	61	266
11:15 AM	13	48	12	0	73	23	30	3	0	56	28	30	32	1	91	4	33	16	0	53	273
11:30 AM	21	62	18	1	102	23	30	2	0	55	25	30	55	0	111	6	26	20	0	52	320
11:45 AM	11	43	7	0	61	25	44	6	0	75	36	25	66	0	127	19	51	31	0	101	364
Total	64	192	54	1	311	100	125	11	0	236	113	110	184	2	409	38	139	90	0	267	1223
12:00 PM	25	35	19	1	80	25	42	0	0	67	45	55	83	0	183	11	42	24	0	77	407
12:15 PM	21	36	23	0	80	39	58	0	0	97	45	45	75	0	165	14	45	12	0	71	413
12:30 PM	18	51	26	0	94	35	57	1	0	93	29	60	45	0	134	17	58	31	0	106	427
12:45 PM	21	34	21	0	76	49	70	2	0	121	40	44	41	0	125	11	54	28	0	93	415
Total	85	156	88	1	330	148	227	3	0	378	159	204	244	0	607	53	199	95	0	347	1662

\*\*\* BREAK \*\*\*

04:00 PM	20	50	22	0	92	30	39	2	0	71	81	122	71	0	274	26	33	22	0	81	518
04:15 PM	11	46	10	1	68	34	57	0	0	91	79	75	50	1	205	13	86	34	0	113	477
04:30 PM	18	65	23	0	106	32	64	0	0	96	90	113	78	0	281	19	63	15	0	97	580
04:45 PM	16	67	14	0	97	24	58	1	0	83	83	148	73	1	303	19	67	20	0	106	589
Total	65	228	69	1	363	120	218	3	0	341	333	456	272	2	1063	77	229	91	0	397	2184

**The RBA Group**  
 7 Campus Drive, Suite 300  
 Parsippany, NJ 07054

File Name : 79-01  
 Site Code : 1  
 Start Date : 10/30/2008  
 Page No : 2

Groups Printed - Total Volume

Start Time	Old New Brunswick Road Southbound						Centennial Avenue Westbound						Old New Brunswick Road Northbound						Centennial Avenue Eastbound					
	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total
05:00 PM	37	59	41	1	138		28	76	0	0	104		81	153	116	0	350		25	77	19	0	121	713
05:15 PM	36	76	42	2	156		24	75	0	99		90	143	73	0	306		24	78	33	0	135	696	
05:30 PM	22	72	33	0	127		27	64	0	91		93	124	61	1	279		24	62	29	0	115	612	
05:45 PM	28	53	36	0	117		28	63	0	91		94	104	62	0	260		22	55	30	0	107	575	
Total	123	260	152	3	538		107	278	0	385		358	524	312	1	1195		95	272	111	0	478	2596	
Grand Total	449	2291	728	10	3478		839	1310	32	0	2181		1566	1792	1230	5	4593		466	1091	952	0	2509	12761
Apprch %	12.9	65.9	20.9	0.3	27.3		38.5	60.1	1.5	0	17.1		34.1	39	26.8	0.1	36		18.6	43.5	37.9	0	19.7	
Total %	3.5	18	5.7	0.1			6.6	10.3	0.3	0			12.3	14	9.6	0			3.7	8.5	7.5	0		

**The RBA Group**  
 7 Campus Drive, Suite 300  
 Parsippany, NJ 07054

File Name : 79-02  
 Site Code : 2  
 Start Date : 10/30/2008  
 Page No : 1

Groups Printed- Total Volume

Start Time	Stelton Road Southbound						Ethel Road Westbound						Stelton Road Northbound						Ethel Road Eastbound							
	Left	Thru	Right	Peds	App. Total	Inh. Total	Left	Thru	Right	Peds	App. Total	Inh. Total	Left	Thru	Right	Peds	App. Total	Inh. Total	Left	Thru	Right	Peds	App. Total	Inh. Total		
07:00 AM	4	71	13	0	88	21	36	13	0	70	12	106	15	0	133	12	13	10	0	35	326					
07:15 AM	11	90	9	0	110	23	36	21	0	80	11	110	18	0	139	7	19	6	0	32	361					
07:30 AM	11	120	9	1	141	34	48	26	1	109	16	120	12	1	149	8	27	22	1	58	457					
07:45 AM	22	125	23	0	170	26	57	25	0	198	21	136	11	0	168	14	17	7	0	38	484					
Total	48	406	54	1	509	104	177	85	1	367	60	472	56	1	589	41	76	45	1	163	1628					
08:00 AM	23	108	26	1	158	24	69	35	2	130	20	127	12	1	160	18	50	15	0	83	531					
08:15 AM	39	95	34	0	168	22	53	41	0	116	19	112	7	0	138	21	65	11	0	97	519					
08:30 AM	30	104	27	0	161	31	48	35	1	115	10	128	14	0	152	18	63	6	1	88	516					
08:45 AM	47	92	33	0	172	17	59	46	0	122	11	95	16	2	124	34	74	6	0	114	532					
Total	139	399	120	1	659	94	229	157	3	483	60	462	49	3	574	91	252	38	1	382	2098					

\*\*\* BREAK \*\*\*

11:00 AM	5	73	11	1	90	12	22	12	0	46	6	66	11	0	83	18	13	12	0	43	262					
11:15 AM	4	67	13	1	85	9	26	17	0	52	9	62	16	2	89	11	16	8	0	35	261					
11:30 AM	11	83	8	0	102	8	19	17	0	44	10	60	15	0	85	26	21	7	0	54	285					
11:45 AM	3	102	15	0	120	9	20	22	0	51	7	101	5	0	113	14	28	10	1	53	337					
Total	23	325	47	2	397	38	87	68	0	193	32	289	47	2	370	69	78	37	1	185	1145					
12:00 PM	8	118	18	2	146	10	24	16	0	50	9	123	7	2	141	5	16	12	1	34	371					
12:15 PM	5	124	7	0	136	7	18	21	0	46	7	110	11	0	128	12	33	4	0	49	359					
12:30 PM	10	120	16	0	146	6	25	16	0	47	10	100	3	0	113	22	20	13	0	55	55					
12:45 PM	14	116	13	0	143	7	18	15	0	40	5	106	9	1	121	22	22	11	0	55	359					
Total	37	478	54	2	571	30	85	68	0	183	31	439	30	3	503	61	91	40	1	193	1450					

\*\*\* BREAK \*\*\*

04:00 PM	9	127	6	0	142	30	29	23	0	82	4	113	14	0	131	11	46	18	0	75	430					
04:15 PM	15	138	13	0	166	26	33	31	0	90	12	99	15	1	127	9	50	16	0	75	458					
04:30 PM	14	118	9	1	142	33	35	26	1	95	7	106	10	0	123	17	55	22	1	95	455					
04:45 PM	21	124	6	0	151	14	24	32	0	70	12	102	9	0	123	14	71	29	0	114	458					
Total	59	507	34	1	601	103	121	112	1	337	35	420	48	1	504	51	222	85	1	359	1801					



**The RBA Group**  
 7 Campus Drive, Suite 300  
 Parsippany, NJ 07054

File Name : 79-02  
 Site Code : 2  
 Start Date : 10/30/2008  
 Page No : 2

Groups Printed- Total Volume

Start Time	Stelton Road Southbound					Ethel Road Westbound					Stelton Road Northbound					Ethel Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
05:00 PM	26	147	4	1	178	10	31	26	0	67	8	116	14	0	138	16	69	25	0	110	493
05:15 PM	17	122	7	0	146	21	20	28	0	69	12	96	3	1	112	18	76	30	0	124	451
05:30 PM	19	162	1	1	183	24	34	24	0	82	10	114	13	1	138	21	73	31	1	126	529
05:45 PM	8	167	9	0	184	16	38	29	0	83	11	104	19	2	136	20	78	34	2	134	537
Total	70	598	21	2	691	71	123	107	0	301	41	430	49	4	524	75	296	120	3	494	2010
Grand Total	376	2713	330	9	3428	440	822	597	5	1864	259	2512	279	14	3064	388	1015	365	8	1776	10132
Approch %	11	79.1	9.6	0.3	33.8	23.6	44.1	32	0.3	18.4	8.5	82	9.1	0.5	30.2	21.8	57.2	20.6	0.5	17.5	
Total %	3.7	26.8	3.3	0.1		4.3	8.1	5.9	0		2.6	24.8	2.8	0.1		3.8	10	3.6	0.1		

# The RBA Group

7 Campus Drive, Suite 300  
Parsippany, NJ 07054

File Name : 79-03  
Site Code : 3  
Start Date : 10/30/2008  
Page No : 1

## Groups Printed- Total Volume

Start Time	Stelton Road Southbound							New Brunswick Avenue Westbound							Stelton Road Northbound							New Brunswick Avenue Eastbound						
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total			
	Total							Total							Total							Total						
07:00 AM	46	120	1	0	167	128	4	36	0	168	0	119	57	0	176	3	5	6	0	14	525							
07:15 AM	34	127	2	2	165	134	6	34	0	174	2	108	65	1	176	3	1	1	1	6	521							
07:30 AM	41	143	2	0	186	137	1	34	0	172	2	118	86	0	206	7	3	8	0	18	582							
07:45 AM	59	139	4	1	203	138	4	25	0	167	1	155	87	0	243	7	3	4	0	14	627							
Total	180	529	9	3	721	537	15	129	0	681	5	500	295	1	801	20	12	19	1	52	2255							
08:00 AM	52	135	5	0	192	142	3	25	0	170	2	235	66	0	303	5	2	3	0	10	675							
08:15 AM	58	156	7	0	221	145	6	25	0	176	3	229	73	0	305	3	6	8	0	17	719							
08:30 AM	55	169	12	1	237	126	3	31	0	160	3	239	95	0	337	14	4	7	0	25	759							
08:45 AM	55	141	3	0	199	132	5	49	0	186	0	234	84	0	318	1	2	6	0	9	712							
Total	220	601	27	1	849	545	17	130	0	692	8	937	318	0	1263	23	14	24	0	61	2865							
***BREAK***																												
11:00 AM	43	128	4	0	175	80	2	30	0	112	2	136	82	1	221	3	1	2	0	6	514							
11:15 AM	43	104	4	1	152	74	4	28	1	107	6	136	89	0	231	5	2	1	0	8	498							
11:30 AM	47	123	8	0	178	72	4	38	0	114	4	141	76	0	221	4	4	1	1	10	523							
11:45 AM	34	149	1	1	185	90	1	40	0	131	2	159	89	1	251	4	2	0	1	7	574							
Total	167	504	17	2	690	316	11	136	1	464	14	572	336	2	924	16	9	4	2	31	2109							
12:00 PM	38	202	7	1	248	81	15	21	0	117	1	129	111	0	241	2	9	11	0	22	628							
12:15 PM	43	189	3	0	235	86	10	29	0	125	3	141	113	0	257	6	9	4	0	19	636							
12:30 PM	40	170	9	0	219	94	19	15	1	129	4	144	123	0	271	8	14	8	1	31	650							
12:45 PM	33	205	3	0	241	95	18	18	0	131	0	129	102	0	231	4	8	5	0	17	620							
Total	154	766	22	1	943	356	62	83	1	502	8	543	449	0	1000	20	40	28	1	89	2534							
***BREAK***																												
04:00 PM	50	177	10	0	237	97	5	53	0	155	4	157	120	0	281	11	6	3	0	20	693							
04:15 PM	58	181	15	2	256	103	7	57	0	167	4	167	111	0	282	7	13	4	0	24	729							
04:30 PM	70	226	8	0	304	88	8	56	1	153	5	162	121	0	288	9	5	6	0	20	765							
04:45 PM	58	213	18	2	291	107	7	68	2	184	20	161	130	2	313	9	10	9	0	28	816							
Total	236	797	51	4	1088	395	27	234	3	659	33	647	482	2	1164	36	34	22	0	92	3003							

# The RBA Group

7 Campus Drive, Suite 300  
Parsippany, NJ 07054

File Name : 79-03  
Site Code : 3  
Start Date : 10/30/2008  
Page No : 2

## Groups Printed- Total Volume

Start Time	Stelton Road Southbound						New Brunswick Avenue Westbound						Stelton Road Northbound						New Brunswick Avenue Eastbound					
	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total
05:00 PM	85	278	18	4	385		110	6	66	1	183		5	178	153	0	336		2	6	3	0	11	915
05:15 PM	89	257	20	1	367		107	5	25	0	137		8	216	151	1	376		13	5	5	0	23	903
05:30 PM	85	232	19	2	338		102	8	20	2	132		14	225	145	1	385		15	7	3	0	25	880
05:45 PM	78	244	21	0	343		118	4	33	0	155		13	207	160	0	380		8	3	5	0	16	894
Total	337	1011	78	7	1433		437	23	144	3	607		40	826	609	2	1477		38	21	16	0	75	3592
Grand Total	1294	4208	204	18	5724		2586	155	856	8	3605		108	4025	2489	7	6629		153	130	113	4	400	16358
Approch %	22.6	73.5	3.6	0.3			71.7	4.3	23.7	0.2	22		1.6	60.7	37.5	0.1	40.5		38.2	32.5	28.2	1	2.4	
Total %	7.9	25.7	1.2	0.1	35		15.8	0.9	5.2	0	22		0.7	24.6	15.2	0	40.5		0.9	0.8	0.7	0	2.4	

# The RBA Group

7 Campus Drive, Suite 300  
Parsippany, NJ 07054

File Name : 79-04  
Site Code : 00000004  
Start Date : 10/30/2008  
Page No : 1

Start Time	Groups Printed- Total Volume																				
	S Randolphville Road Southbound					Centennial Avenue Westbound					S Randolphville Road Northbound					Centennial Avenue Eastbound					
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	15	155	14	0	184	36	46	0	0	82	9	70	29	0	108	18	24	6	0	48	48
07:15 AM	20	61	22	1	104	26	57	0	0	83	10	81	27	0	118	14	26	9	0	49	354
07:30 AM	22	51	14	0	87	28	54	0	0	82	11	64	22	0	97	13	35	10	0	58	324
07:45 AM	37	102	18	0	157	45	95	0	0	140	12	64	18	0	94	15	42	15	0	72	463
Total	94	369	68	1	532	135	252	0	0	387	42	279	96	0	417	60	127	40	0	227	1563
08:00 AM	27	102	18	1	148	51	88	0	0	139	14	56	30	0	100	13	41	10	0	64	451
08:15 AM	35	83	15	0	133	36	84	9	1	130	11	32	29	0	72	14	58	11	0	83	418
08:30 AM	26	74	27	0	127	40	92	7	0	139	11	51	18	0	80	14	61	11	0	86	432
08:45 AM	38	80	21	0	139	23	95	8	0	126	16	39	16	0	71	14	58	9	0	81	417
Total	126	339	81	1	547	150	359	24	1	534	52	178	93	0	323	55	218	41	0	314	1718
*** BREAK ***																					
11:00 AM	19	23	4	0	46	16	52	8	0	76	1	14	12	0	27	14	72	1	0	87	236
11:15 AM	14	10	12	0	36	18	46	11	0	75	2	17	11	0	30	14	65	3	0	82	223
11:30 AM	15	19	6	0	40	16	47	11	0	74	0	17	31	0	48	21	90	5	0	116	278
11:45 AM	28	18	9	0	55	14	75	11	0	100	1	22	32	0	55	12	123	5	0	140	350
Total	76	70	31	0	177	64	220	41	0	325	4	70	86	0	160	61	350	14	0	425	1087
12:00 PM	24	25	5	0	54	23	68	21	0	112	2	29	50	0	81	16	142	6	0	164	411
12:15 PM	10	28	4	0	42	21	102	12	0	135	3	20	20	0	43	20	130	4	0	154	374
12:30 PM	26	31	1	0	58	44	101	17	0	162	2	10	11	0	23	14	118	3	0	135	378
12:45 PM	20	27	10	0	57	32	122	12	0	166	0	17	8	0	25	18	105	2	0	125	373
Total	80	111	20	0	211	120	393	62	0	575	7	76	89	0	172	68	495	15	0	578	1536
*** BREAK ***																					
04:00 PM	22	43	7	0	72	38	68	15	0	121	3	61	25	0	89	25	105	6	0	136	418
04:15 PM	19	44	6	0	69	28	76	17	0	121	1	70	40	1	112	39	98	3	0	140	442
04:30 PM	26	42	8	0	76	14	88	17	0	119	3	69	37	0	109	48	120	8	0	176	480
04:45 PM	17	35	5	0	57	13	64	21	0	98	4	54	38	0	96	33	116	10	0	159	410
Total	84	164	26	0	274	93	296	70	0	459	11	254	140	1	406	145	439	27	0	611	1750

**The RBA Group**  
 7 Campus Drive, Suite 300  
 Parsippany, NJ 07054

File Name : 79-04  
 Site Code : 00000004  
 Start Date : 10/30/2008  
 Page No : 2

Groups Printed- Total Volume

Start Time	S Randolphville Road												Centennial Avenue												S Randolphville Road												Centennial Avenue											
	Southbound						Westbound						Westbound						Northbound						Eastbound						Eastbound																	
	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total																		
05:00 PM	20	54	5	0	79	0	23	84	21	0	128	0	7	59	32	0	98	0	56	167	14	0	237	0	56	167	14	0	237	0																		
05:15 PM	13	60	9	0	82	0	22	76	12	0	110	0	13	50	36	0	99	0	47	111	14	0	172	0	47	111	14	0	172	0																		
05:30 PM	25	52	8	0	85	0	31	82	22	0	135	0	4	41	26	0	71	0	30	97	12	0	139	0	30	97	12	0	139	0																		
05:45 PM	24	46	8	0	78	0	15	82	11	0	108	0	6	56	23	0	85	0	29	111	9	0	149	0	29	111	9	0	149	0																		
Total	82	212	30	0	324	0	91	324	66	0	481	0	30	206	117	0	353	0	162	486	49	0	697	0	162	486	49	0	697	0																		
Grand Total	542	1265	256	2	2065	0	653	1844	263	1	2761	1	146	1063	621	1	1831	1	551	2115	186	0	2852	0	551	2115	186	0	2852	0																		
Approach %	26.2	61.3	12.4	0.1			23.7	66.8	9.5	0	29	0.1	1.5	11.2	6.5	0	19.3	0.1	19.3	74.2	6.5	0	30	0	19.3	74.2	6.5	0	30	0																		
Total %	5.7	13.3	2.7	0	21.7	0	6.9	19.4	2.8	0	29	0	1.5	11.2	6.5	0	19.3	0	5.8	22.2	2	0	30	0	5.8	22.2	2	0	30	0																		

**The RBA Group**  
 7 Campus Drive, Suite 300  
 Parsippany, NJ 07054

File Name : 79-05  
 Site Code : 5  
 Start Date : 10/30/2008  
 Page No : 1

Groups Printed- Total Volume

Start Time	Stelton Road Southbound						Centennial Avenue Westbound						Stelton Road Northbound						Centennial Avenue Eastbound					
	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	51	104	21	0	176	0	7	20	25	0	52	0	31	126	13	0	170	0	25	19	13	0	57	455
07:15 AM	69	139	18	0	226	0	14	27	21	0	62	0	23	126	22	0	171	0	15	26	14	0	55	514
07:30 AM	59	145	35	2	241	0	15	41	41	0	97	0	22	175	12	1	210	0	29	32	16	1	78	626
07:45 AM	88	210	74	1	373	0	15	38	31	0	84	0	21	210	18	0	249	0	17	25	23	2	67	773
Total	267	598	148	3	1016	0	51	126	118	0	295	0	97	637	65	1	800	0	86	102	66	3	257	2368
08:00 AM	86	183	107	0	376	0	12	52	24	0	88	0	18	169	18	1	206	0	27	28	24	0	79	749
08:15 AM	131	200	84	0	415	0	26	104	39	0	169	0	39	181	21	0	241	0	17	37	37	0	91	916
08:30 AM	85	212	97	1	395	0	33	159	46	0	238	0	42	214	11	0	267	0	26	30	23	0	79	979
08:45 AM	111	194	88	1	394	0	22	150	33	0	205	0	75	186	15	0	276	0	26	35	27	2	90	965
Total	413	789	376	2	1580	0	93	465	142	0	700	0	174	750	65	1	990	0	96	130	111	2	339	3609
*** BREAK ***																								
11:00 AM	48	92	16	0	156	0	24	51	42	2	119	0	45	104	11	0	160	0	25	33	38	0	96	531
11:15 AM	99	134	24	1	258	0	29	51	37	0	117	0	60	158	24	1	243	0	53	45	69	1	168	786
11:30 AM	74	132	34	1	241	0	32	83	62	0	177	0	82	131	27	0	240	0	61	72	65	0	198	856
11:45 AM	91	154	49	0	294	0	45	81	50	2	178	0	74	125	30	2	231	0	54	76	75	2	207	910
Total	312	512	123	2	949	0	130	266	191	4	591	0	261	518	92	3	874	0	193	226	247	3	669	3083
12:00 PM	115	179	58	2	354	0	59	117	50	0	226	0	51	155	32	0	238	0	57	98	89	0	244	1062
12:15 PM	130	157	78	0	365	0	33	100	54	0	187	0	98	178	32	0	308	0	67	98	86	1	252	1112
12:30 PM	101	172	62	1	336	0	51	155	62	3	271	0	83	159	33	2	277	0	68	96	107	0	271	1155
12:45 PM	128	187	56	0	371	0	65	120	63	0	248	0	80	207	32	1	320	0	59	91	90	0	240	1179
Total	474	695	254	3	1426	0	208	492	229	3	932	0	312	699	129	3	1143	0	251	383	372	1	1007	4508
*** BREAK ***																								
04:00 PM	120	239	32	1	392	0	48	78	80	0	206	0	38	200	42	8	288	0	90	177	84	0	351	1237
04:15 PM	130	194	40	0	364	0	44	83	68	0	195	0	71	214	20	1	306	0	67	161	92	1	321	1186
04:30 PM	116	231	56	2	405	0	61	121	62	0	244	0	50	201	21	1	273	0	66	174	95	1	336	1258
04:45 PM	143	200	45	0	388	0	40	86	44	1	171	0	66	224	27	0	317	0	64	154	106	0	324	1200
Total	509	864	173	3	1549	0	193	368	254	1	816	0	225	839	110	10	1184	0	287	666	377	2	1332	4881

# The RBA Group

7 Campus Drive, Suite 300  
 Parsippany, NJ 07054

File Name : 79-05  
 Site Code : 5  
 Start Date : 10/30/2008  
 Page No : 2

Groups Printed- Total Volume

Start Time	Stelton Road Southbound						Centennial Avenue Westbound						Stelton Road Northbound						Centennial Avenue Eastbound					
	Left	Thru	Right	Peds	App. Total	Intr. Total	Left	Thru	Right	Peds	App. Total	Intr. Total	Left	Thru	Right	Peds	App. Total	Intr. Total	Left	Thru	Right	Peds	App. Total	Intr. Total
	05:00 PM	135	218	37	1	391	0	38	69	88	0	195	0	66	190	22	1	279	0	79	157	90	0	326
05:15 PM	175	243	34	0	452	0	62	111	121	1	295	0	88	235	34	1	358	0	55	165	103	0	323	0
05:30 PM	143	223	45	0	411	0	64	128	70	0	262	0	58	172	38	0	268	0	74	173	98	0	345	0
05:45 PM	192	213	35	2	442	0	42	108	53	0	203	0	83	215	34	3	335	0	66	152	99	0	317	0
Total	645	897	151	3	1696	0	206	416	332	1	955	0	295	812	128	5	1240	0	274	647	390	0	1311	0
Grand Total	2620	4355	1225	16	8216	0	881	2133	1266	9	4289	0	1364	4255	589	23	6231	0	1187	2154	1563	11	4915	0
Approch %	31.9	53	14.9	0.2	34.7	0	20.5	49.7	29.5	0.2	18.1	0	21.9	68.3	9.5	0.4	26.3	0	24.2	43.8	31.8	0.2	20.8	0
Total %	11.1	18.4	5.2	0.1	34.7	0	3.7	9	5.4	0	18.1	0	5.8	18	2.5	0.1	26.3	0	5	9.1	6.6	0	20.8	0

# The RBA Group

7 Campus Drive, Suite 300  
Parsippany, NJ 07054

File Name : 79-06  
Site Code : 6  
Start Date : 10/30/2008  
Page No : 1

## Groups Printed- Total Volume

Start Time	S Washington Avenue Southbound						Stelton Road Westbound						S Washington Avenue Northbound						Stelton Road Eastbound							
	Left		Thru		Right		Left		Thru		Right		Left		Thru		Right		Left		Thru		Right			
07:00 AM	0	1	0	0	0	1	44	104	0	0	148	105	5	61	0	171	0	121	127	0	248	0	128	113	0	241
07:15 AM	0	0	1	0	0	1	35	102	1	0	138	52	0	42	0	94	0	128	113	0	241	0	141	128	1	271
07:30 AM	0	0	1	0	0	1	43	108	2	1	154	60	2	53	0	115	1	141	128	1	271	0	141	123	0	265
07:45 AM	0	3	1	0	4	7	50	122	4	0	176	58	0	52	0	110	1	141	123	0	265	0	141	123	0	265
Total	0	4	3	0	7	172	436	7	1	616	275	7	208	0	490	2	531	491	1	1025	2	531	491	1	1025	
08:00 AM	2	0	1	0	3	90	189	2	1	282	80	1	40	0	121	2	141	147	0	290	2	141	147	0	290	
08:15 AM	2	6	2	0	10	82	186	6	0	274	87	0	54	0	141	8	152	157	0	317	8	152	157	0	317	
08:30 AM	2	6	1	0	9	103	202	3	0	308	91	8	64	0	163	2	153	160	0	315	2	153	160	0	315	
08:45 AM	1	1	0	0	2	98	205	2	1	306	95	0	62	0	157	0	153	169	0	322	0	153	169	0	322	
Total	7	13	4	0	24	373	782	13	2	1170	353	9	220	0	582	12	599	633	0	1244	12	599	633	0	1244	
*** BREAK ***																										
11:00 AM	5	0	1	0	6	27	153	3	0	183	78	1	51	0	130	2	123	118	0	243	2	123	118	0	243	
11:15 AM	4	1	4	0	9	30	146	3	2	181	83	1	48	0	132	2	112	105	1	220	2	112	105	1	220	
11:30 AM	1	1	2	0	4	36	158	2	0	196	86	8	68	0	162	1	123	131	0	255	1	123	131	0	255	
11:45 AM	2	3	2	0	7	56	160	5	1	222	70	1	53	0	124	4	134	113	0	251	4	134	113	0	251	
Total	12	5	9	0	26	149	617	13	3	782	317	11	220	0	548	9	492	467	1	969	9	492	467	1	969	
12:00 PM	2	0	1	0	3	53	108	3	0	164	78	2	92	0	172	3	170	87	0	260	3	170	87	0	260	
12:15 PM	4	0	1	0	5	62	115	2	1	180	71	2	88	0	161	0	159	95	0	254	0	159	95	0	254	
12:30 PM	3	0	1	0	4	59	113	5	0	177	93	3	88	0	184	1	145	107	0	253	1	145	107	0	253	
12:45 PM	1	0	1	0	2	52	104	4	0	160	67	3	106	0	176	0	147	108	0	253	0	147	108	0	253	
Total	10	0	4	0	14	226	440	14	1	681	309	10	374	0	693	4	621	397	0	1022	4	621	397	0	1022	
*** BREAK ***																										
04:00 PM	1	5	6	0	12	52	183	5	0	240	161	8	98	0	267	3	157	110	1	271	3	157	110	1	271	
04:15 PM	0	2	3	0	5	60	188	4	0	252	167	7	106	0	280	1	163	109	0	273	1	163	109	0	273	
04:30 PM	3	3	1	0	7	52	186	2	1	241	168	0	100	0	268	2	225	117	1	345	2	225	117	1	345	
04:45 PM	1	1	1	0	2	53	200	3	0	256	160	1	136	0	297	2	176	104	2	284	2	176	104	2	284	
Total	5	11	10	0	26	217	757	14	1	989	656	16	440	0	1112	8	721	440	4	1173	8	721	440	4	1173	



# The RBA Group

7 Campus Drive, Suite 300  
Parsippany, NJ 07054

File Name : 79-06

Site Code : 6

Start Date : 10/30/2008

Page No : 2

## Groups Printed- Total Volume

Start Time	S Washington Avenue Southbound					Stelton Road Westbound					S Washington Avenue Northbound					Stelton Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
05:00 PM	6	3	1	0	10	62	198	6	1	267	183	1	174	0	358	2	225	101	0	328	963
05:15 PM	0	3	1	0	4	62	203	7	2	274	157	1	176	0	334	0	205	121	0	326	938
05:30 PM	2	4	1	0	7	53	214	4	1	272	172	1	144	1	318	1	219	134	0	354	951
05:45 PM	3	2	1	0	6	54	208	2	0	264	191	0	148	0	339	0	203	131	0	334	943
Total	11	12	4	0	27	231	823	19	4	1077	703	3	642	1	1349	3	852	487	0	1342	3795
Grand Total	45	45	34	0	124	1368	3855	80	12	5315	2613	56	2104	1	4774	38	3816	2915	6	6775	16988
Approch %	36.3	36.3	27.4	0	0.7	25.7	72.5	1.5	0.2	31.3	54.7	1.2	44.1	0	28.1	0.6	56.3	43	0.1	39.9	
Total %	0.3	0.3	0.2	0	0.7	8.1	22.7	0.5	0.1	31.3	15.4	0.3	12.4	0	28.1	0.2	22.5	17.2	0	39.9	

# FACSIMILE TRANSMISSION

TO: Mr. Gary Stricker, NJ DOT

FROM: Lt. Scott Iannuzzo

DATE: November 5, 2008

SUBJECT/COMMENTS: Red Light Running Application

I have attached a copy of traffic counts from each of the six intersections that are missing data. Please advise me if there are any items that need further attention.

I have also emailed this information and will mail you the originals.

Thank you.

Lt. Scott Iannuzzo

Piscataway Twp. Police Department Traffic Safety

NUMBER OF PAGES INCLUDED: THIS ONE OF 1

Thank You.

*IMPORTANT NOTICE: The documents that accompany this facsimile transmission contain information from the Piscataway Township Police Department, which may be confidential and / or legally privileged. The information is intended only for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or taking of any action in reliance on the contents of this telecopy transmission is strictly prohibited and may result in further prosecution. In this regard, if you have received this facsimile in error, please notify Piscataway Police by telephone immediately so that we can arrange for the return of the original documents to us at no cost to you.*

Thank you.

**Scott Iannuzzo**

---

**From:** Charles Callari [charles.callari@atsol.com]  
**Sent:** Wednesday, November 05, 2008 6:18 AM  
**To:** Scott Iannuzzo  
**Subject:** FW: Piscataway Counts



79-01.pdf (14 KB) 79-02.pdf (14 KB) 79-03.pdf (14 KB) 79-04.pdf (14 KB) 79-05.pdf (14 KB) 79-06.pdf (14 KB)

Scott:

Here's the list of intersections that are missing the counts. I identified it by the order of the attached PDF's.

- \* Old New Brunswick and Centennial (North Bound and South Bound) 79-01
- \* Stelton and Ethel (North Bound and South Bound) 79-02
- \* Stelton and New Brunswick (NB, SB and EB) 79-03
- \* Randolphville and Centennial (EB and WB) 79-04
- \* Stelton and Centennial (NB < EB < and WB) 79-05
- \* Stelton and Washington (NB and SB) 79-06

Let me know if I can provide any additional assistance.

Thanks

Charlie

-----Original Message-----

**From:** Gordon Meth [mailto:gmeth@rbagroup.com]  
**Sent:** Tuesday, November 04, 2008 1:24 PM  
**To:** Charles Callari  
**Subject:** Piscataway Counts

Gordon Meth, P.E., P.P., PTOE, PTP  
Director, Traffic  
The RBA Group, Inc.  
Engineers . Architects . Planners  
7 Campus Drive, Suite 300  
Parsippany, NJ 07054  
973-946-5670 . 973-898-9472 fax  
gmeth@rbagroup.com

Notice: The information contained in (and attached to) this e-mail is intended only for the personal and confidential use of the designated recipients(s) named above. If the reader of this message is not the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution or copying of this message is strictly prohibited. If you received this communication in error, please notify us immediately by reply e-mail, and delete the original message (including attachments).

TRANSMISSION VERIFICATION REPORT

TIME : 11/05/2008 15:01  
NAME :  
FAX :  
TEL :  
SER.# : 000D6J312115

DATE, TIME	11/05 14:59
FAX NO./NAME	916095305253
DURATION	00:01:22
PAGE(S)	13
RESULT	OK
MODE	STANDARD ECM

ORDINANCE NO. 08- 16

**ORDINANCE TO ESTABLISH A  
TRAFFIC CONTROL SIGNAL MONITORING SYSTEM  
IN THE TOWNSHIP OF PISCATAWAY,  
COUNTY OF MIDDLESEX, STATE OF NEW JERSEY.**

**WHEREAS**, by P.L. 2007, Chapter 348 (the "Act"), the Legislature of the State of New Jersey has determined that the installation of a traffic control signal monitoring system by municipalities complementing local law enforcement could serve as an effective tool in encouraging drivers to observe and obey traffic control devices at intersections, thereby increasing traffic flow and pedestrian safety; and

**WHEREAS**, the Township of Piscataway is desirous of installing traffic control signal monitoring systems at various intersections within the Township of Piscataway; and

**WHEREAS**, the Township of Piscataway has determined that adoption of the Ordinance is in the best interests of the health, safety and welfare of the Township and its residents.

**NOW, THEREFORE, BE IT ORDAINED** by the Township Council of the Township of Piscataway, County of Middlesex, State of New Jersey as follows:

**Section 1. Installation.**

- (a) The Township of Piscataway hereby determines to install and utilize a traffic control signal monitoring system ("System") at various intersections within the Township of Piscataway as approved by the Commissioner of Transportation pursuant to the Act.
- (b) The System to be purchased and installed shall be approved by the Township Council by subsequent resolution.
- (c) The Township shall have the authority to enter into a contract, following a lawful procurement process, for the installation of the System.

(d) The signs notifying drivers that a System is being utilized shall be approved by the Township Engineer, and shall be placed on each street converging into the affected intersection as required by the Act.

(e) The Township Engineer shall inspect and certify the System at least once every six (6) months from the date of its installation.

**Section 2. Issuance of a Summons.**

The Police Department of the Township of Piscataway shall review the recorded images produced by the System, to determine whether sufficient evidence exists demonstrating that a traffic control signal violation has occurred and shall issue a Summons when appropriate in accordance with the rules of the Court.

**Section 3. Use of Recorded Images.**

(a) Except as otherwise provided in this section, the recorded images produced by the System shall be available for the exclusive use of the Police Department for the purpose of discharging his or her duties under P.L. 2007, Ch. 384.

(b) Any recorded image or information produced in connection with the System shall not be deemed a public record under N.J.S.A. 47:1A-1 et seq., or common law. The recorded images shall not be:

(i) discoverable as a public record by any person, entity, or governmental agency, except upon a subpoena issued by a grand jury or a court order in a criminal matter;

or

(ii) offered as evidence in any civil or administrative proceeding not directly related to a traffic control signal violation.

(c) Any recorded image or information collected in connection with a traffic control signal violation shall not be retained after sixty (60) days following the collection of any fine or penalty.

(d) If a summons is not issued within forty (40) business days following the traffic control signal violation, all recorded images and any information collected with respect to the traffic control signal violation shall be removed by the Township's vendor which manages the System within two (2) business days.

(e) The Township of Piscataway shall certify compliance of this section of this Ordinance by filing a report with the New Jersey Commissioner of Transportation in accordance with the Act.

#### **Section 4. Owner's Liability.**

The liability of the owner and operator of a motor vehicle for a traffic control signal violation summons issued pursuant to the System shall be joint subject to provisions of the Act.

#### **Section 5. Fines.**

Any person liable for a traffic control signal violation, pursuant to this ordinance and the Act, utilizing the System shall be subject to the following fines:

Violation      \$85.00 to \$200.00

Late Fee      \$ 5.00 per month.

#### **Section 6. Repealer.**


All ordinances or parts of ordinances inconsistent or in conflict with this ordinance are hereby repealed as to said inconsistencies and conflicts.

**Section 7. Severability.**

If any section, part of any section, or clause or phrase of this ordinance is for any reason held to be invalid or unconstitutional, such decision shall not affect the remaining provisions of this Ordinance, and each section and subsection thereof, irrespective of the fact that any one or more of the subsections, sentences, clauses or phrases may be declared unconstitutional or invalid.

**Section 8. Effective Date.**

This Ordinance shall take effect immediately upon passage and publication according to law.

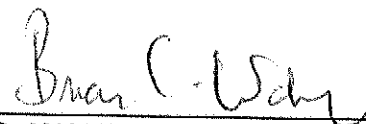
  
\_\_\_\_\_  
KENNETH ARMWOOD, Council President

Attest:

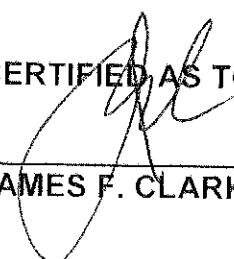
  
\_\_\_\_\_  
ANN NOLAN, Township Clerk

Adopted, First Reading: \_\_\_\_\_  
Publication Date: \_\_\_\_\_

Adopted, Second Reading: April 22, 2008.  
Publication Date: April 26, 2008.

  
\_\_\_\_\_  
BRIAN C. WAHLER, Mayor

Date: 4/25/08

CERTIFIED AS TO FORM AND LEGALITY:  
  
\_\_\_\_\_  
JAMES F. CLARKIN III, ESQ., Director of Law



**STATEMENT OF PURPOSE**

The purpose of this ordinance is to establish a traffic control signal monitoring program within the Township of Piscataway.



# State of New Jersey

DEPARTMENT OF TRANSPORTATION  
P.O.Box 613  
Trenton, New Jersey 08625-0613

JON S. CORZINE  
Governor

KRIS KOLLURI  
Commissioner

August 25, 2008

Lieutenant Scott Iannuzzo  
Piscataway Township Police Department  
Traffic Division  
555 Sidney Road  
Piscataway, NJ 08854

Re: Red Light Running Automated Enforcement Application

Stelton Road and Centennial Avenue  
Stelton Road and Washington Avenue  
Stelton Road and New Brunswick Avenue  
Stelton Road and Ethel Avenue  
South Randolphville Road and Centennial Avenue  
Old New Brunswick Road and Centennial Avenue  
Piscataway Township, Middlesex County

Dear Lt. Iannuzzo:

This is in reference to an application requesting approval for the installation of Red Light Running Automated Enforcement at the above-captioned intersections.

Please be advised that approval for the installation of Red Light Running Automated Enforcement cannot be issued at this time because discrepancies were found during our review. The discrepancies are as follows:

- A separate application needs to be filed for each of the considered intersections.
- The data provided should be relevant and appropriately filed on separate applications for each intersection.
- The number of the considered intersections suggests that more than one comparison site should be provided.
- Stelton Road (CR 529) is a roadway under County of Middlesex jurisdiction. Resolutions of support from County of Middlesex need to be submitted with the applications for the intersections of Stelton Road and Centennial Avenue, Stelton Road and Washington Avenue, Stelton Road and New Brunswick Avenue, and Stelton Road and Ethel Avenue.

The application must include the necessary data for review. Upon receipt of this data, staff from this Bureau will proceed with their review.

If you have any additional questions, feel free to contact me at 609-530-2628.

Sincerely,

Douglas R. Bartlett, Manager  
Traffic Engineering and Investigations



*ATTN: RSM*  
*H*

Pulomena  
Administrator

ton, RMC  
of the Board

745-3080  
745-3110

David B. Crabiel  
Freeholder Director

Stephen J. Dalina  
Deputy Director

Camille Fernicola  
H. James Polos  
Christopher D. Ralano  
Ronald G. Rios  
Blanquita B. Valenti  
Freeholders

COUNTY OF MIDDLESEX  
CLERK OF THE BOARD  
P.O. BOX 87  
NEW BRUNSWICK, NJ

Ann Nolan, Clerk  
Township of Piscataway  
455 Hoes Lane  
Piscataway, NJ 08854-4147

RECEIVED  
6 A 10:17  
PISCATAWAY  
CLERK'S OFFICE

**RE: Resolution #08-1062**

Enclosed please find a certified copy of the resolution, pertaining to the above, which was adopted by the Board of Chosen Freeholders at the regular meeting on June 19, 2008.

Margaret E. Pemberton  
Clerk of the Board

bc  
Enc.  
C: Lyn A. Evers, Piscataway, Administrator  
NJ Dept. of Transportation  
File

*cc*  
*Jim Clarkin*  
*Kevin Herrin*  
*Brian*  
*Lynn*  
*6-27-08*

08-1062

APPROVE REQUEST BY THE TOWNSHIP OF PISCATAWAY TO INSTALL TRAFFIC CONTROL VIDEO MONITORING DEVICES ON COUNTY ROADS IN PISCATAWAY

WHEREAS, pursuant to Chapter 348, P.L.2007, the State Legislature has determined that the installation of a traffic control signal monitoring system by municipalities complementing local law enforcement could serve as an effective tool in encouraging drivers to observe and obey traffic control devices at intersections, thereby increasing traffic flow and pedestrian safety; and

WHEREAS, said Chapter 348, establishes a five (5) year pilot program under which municipal governing bodies would be permitted to install traffic control signal monitoring devices at approved intersections under their jurisdiction; and

WHEREAS, the Township of Piscataway is desirous of installing traffic control signal monitoring devices on County Roads within the Township of Piscataway and

WHEREAS, the Township of Piscataway has requested that the County approve the request for installation of traffic control signal monitoring devices on County roads;

NOW, THEREFORE, BE IT RESOLVED by the Board of Chosen Freeholders of the County of Middlesex that the Township of Piscataway is hereby granted authorization to install traffic control signal monitoring devices on County roads within the Township of Piscataway;


BE IT FURTHER RESOLVED that the designation of these locations shall be subject to the approval of the Commissioner of Transportation;

BE IT FURTHER RESOLVED that the Clerk of this Board shall forward certified copies of this resolution to the Commissioner of Transportation and Clerk, Township of Piscataway.

STEPHEN J. DALINA, AS MEMBER  
COMMITTEE OF ENGINEERING & PLANNING

DATED: June 19, 2008

Approved as to form and legality:

  
First Deputy County Counsel

08-1063

RECORD OF VOTE				
FREEHOLDER	Aye	Nay	N.V.	Abs.
DALINA <i>D</i>	X			
FERNICOLA			X	
POLOS <i>S</i>	X			
RAFANO	X			
RIOS	X			
VALENTI	X			
CRABIEL	X			

X=Indicates Vote    N.V.=Not Voting    Abs.=Absent  
O=Resolution Offered    S=Resolution Seconded

I, Margaret E. Pemberton, Clerk of the Board of Chosen Freeholders of the County of Middlesex and State of New Jersey, do hereby certify that the above is a true copy of resolution adopted at a meeting of the Board held on June 19, 2008.

*Margaret E. Pemberton*  
Clerk of the Board of Chosen Freeholders

Axis Violation Incident Monitoring System  
Site Data Report

B



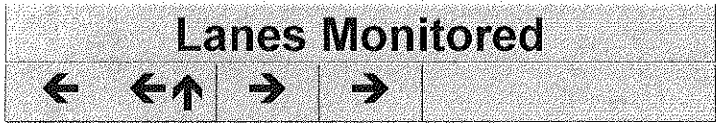
Piscataway, NJ NB S Washington Ave @ Stelton Rd vims report

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	S Washington Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:04 AM          2:44 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:11 AM        6:50 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	YES
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



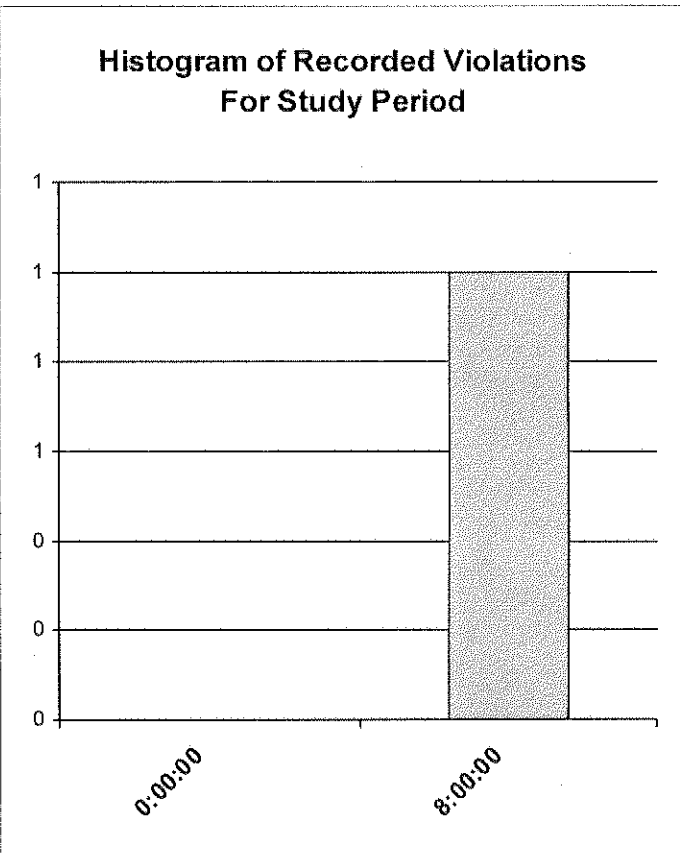
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ NB S Washington Ave @ Stelton Rd VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
8:00:00	1	0	0	1
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>

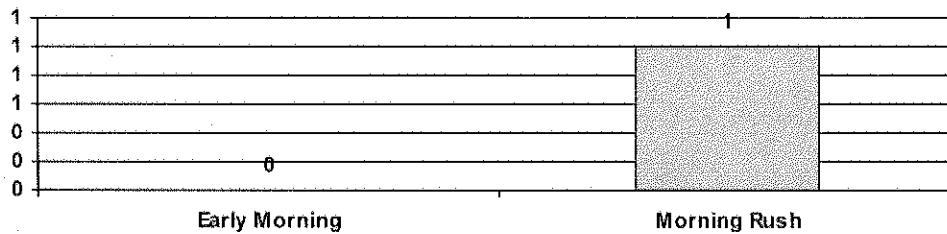




**Piscataway, NJ NB S Washington Ave @ Stelton Rd VIMS report**

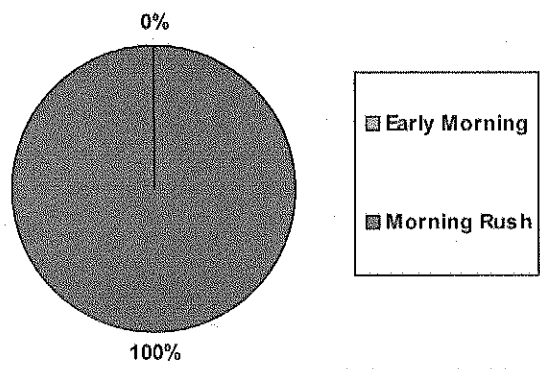
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	1	0	0	1
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	100%	0%	0%	100%
<b>Total</b>	<b>100%</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day





Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ Centennial Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:48 AM        2:57 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:55 AM       7:04 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

**Other notes and installation comments:**

Light can not be seen thru a lot of the taping

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

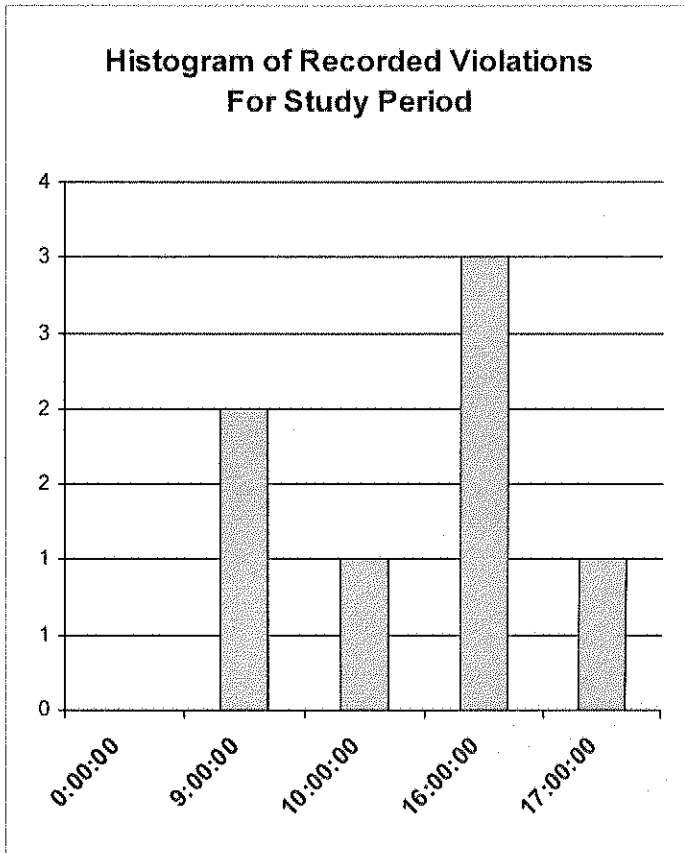
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



***Piscataway, NJ NB Stelton Rd @ Centennial Ave VIMS report***

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
9:00:00	0	2	0	2
10:00:00	0	1	0	1
16:00:00	2	1	0	3
17:00:00	1	0	0	1
<b>Total</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>7</b>



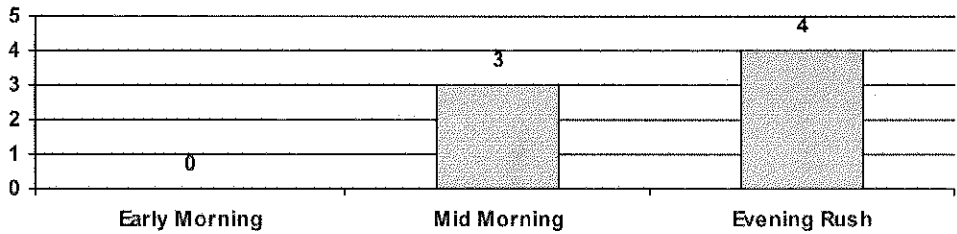
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ Centennial Ave VIMS report**

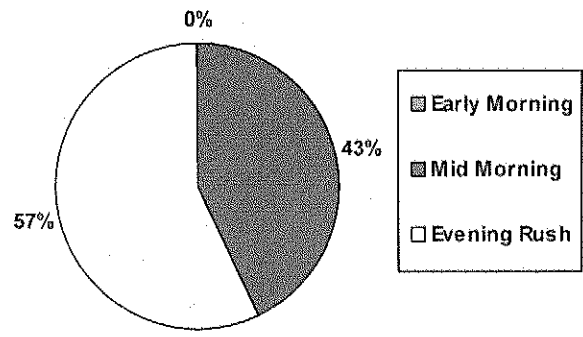
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	3	0	3
Evening Rush Hours -- 04:01 PM to 07:00 PM	3	1	0	4
<b>Total</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>7</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	43%	0%	43%
Evening Rush Hours -- 04:01 PM to 07:00 PM	43%	14%	0%	57%
<b>Total</b>	<b>43%</b>	<b>57%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



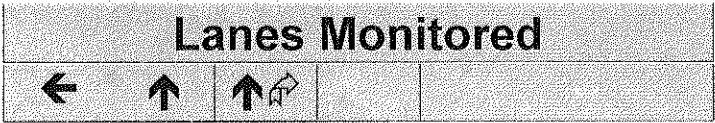
**Piscataway, NJ EB Centennial Ave @ S Randolphville Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ S Randolphville Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      23-Apr-08
Installation Day of Week	Tue              Wed
Installation Time	7:23 AM        2:49 PM
De-installation Date	06-May-08      23-Apr-08
De-installation Time	11:28 AM       6:55 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

**Other notes and installation comments:**  
hard to see left turn light for pm tape.

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



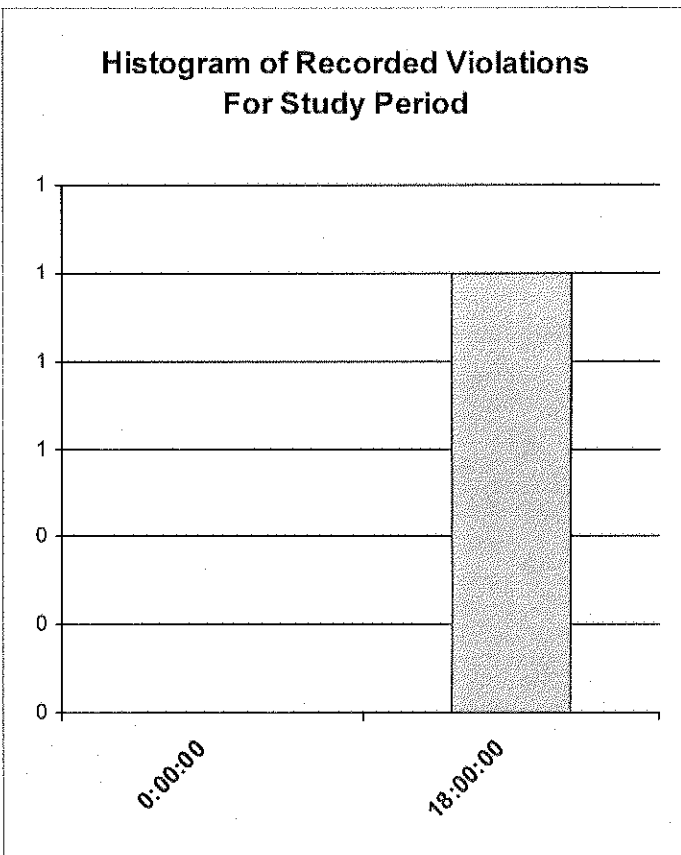
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



***Piscataway, NJ EB Centennial Ave @ S Randolphville Rd VIMS report***

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
18:00:00	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

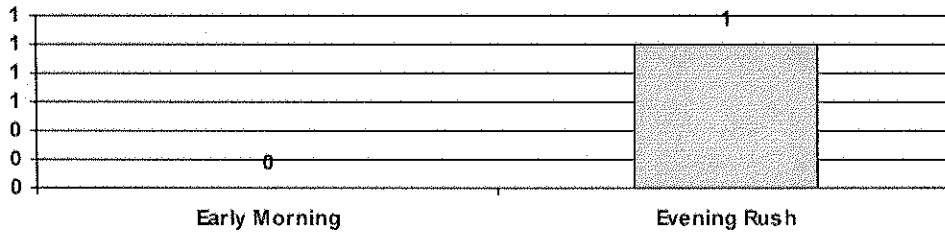




**Piscataway, NJ EB Centennial Ave @ S Randolphville Rd VIMS report**

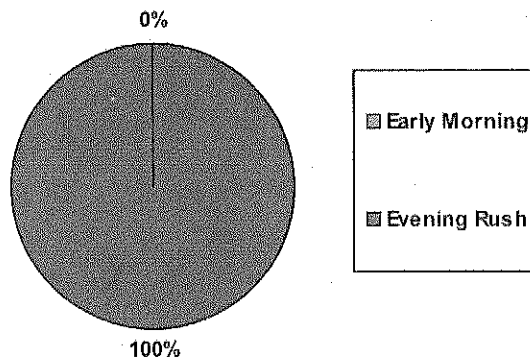
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



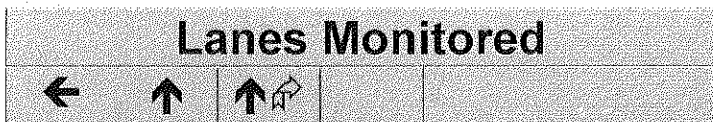
**Piscataway, NJ WB Centennial Ave @ S Randolphville Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ S Randolphville Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08      22-Apr-08
Installation Day of Week	Wed              Tue
Installation Time	7:37 AM        2:52 PM
De-installation Date	23-Apr-08      22-Apr-08
De-installation Time	11:43 AM       6:55 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



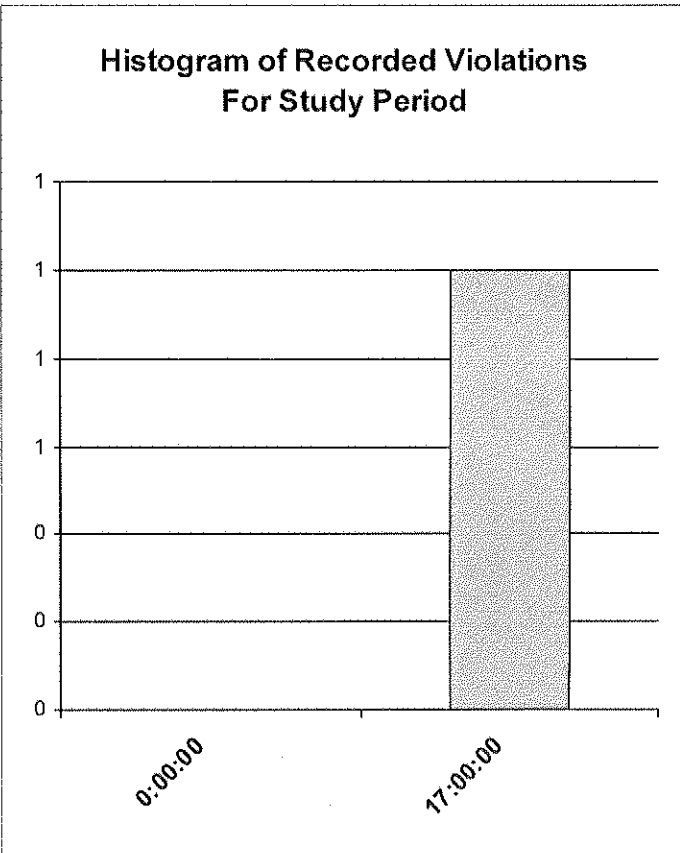
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ WB Centennial Ave @ S Randolphville Rd VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
17:00:00	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>



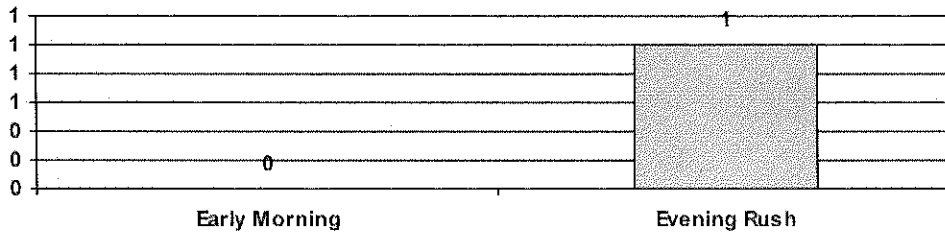




**Piscataway, NJ WB Centennial Ave @ S Randolphville Rd VIMS report**

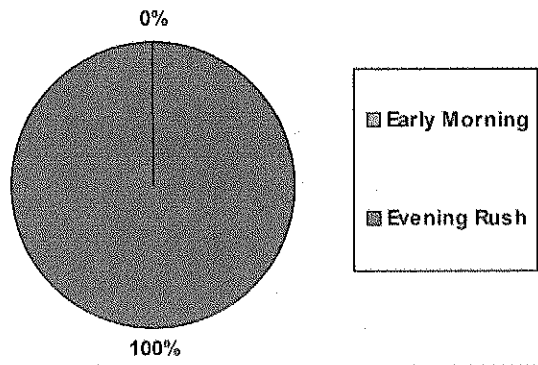
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB Centennial Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      05-May-08
Installation Day of Week	Tue              Mon
Installation Time	7:21 AM        3:08 PM
De-installation Date	06-May-08      05-May-08
De-installation Time	11:27 AM       7:14 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

←   ↑   ↑   →

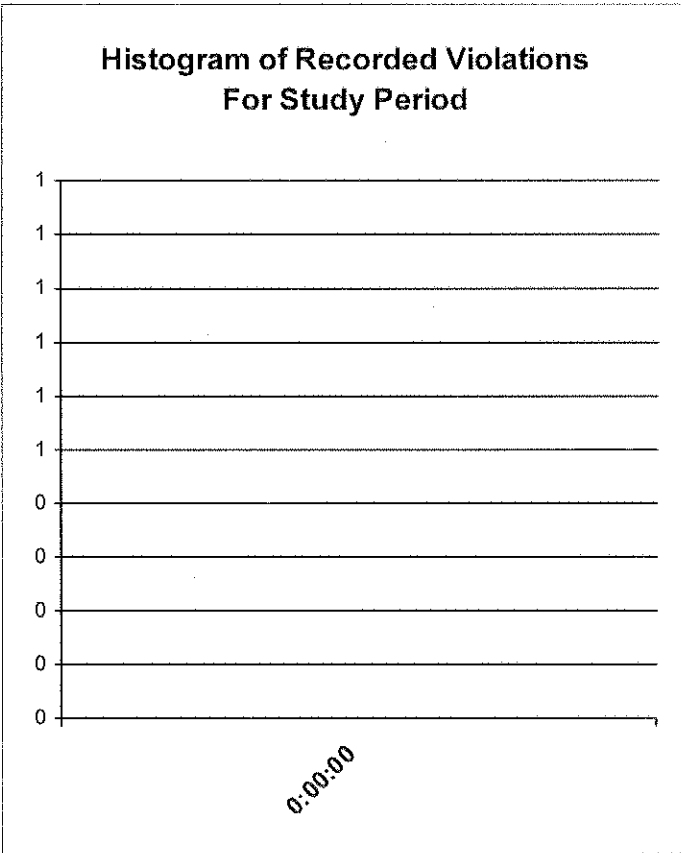
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ EB Centennial Ave @ Stelton Rd VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

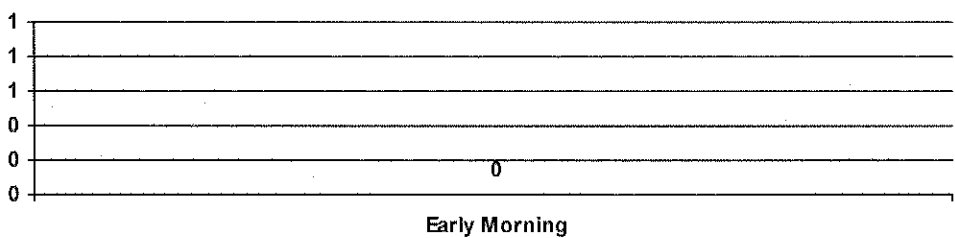




***Piscataway, NJ EB Centennial Ave @ Stelton Rd VIMS report***

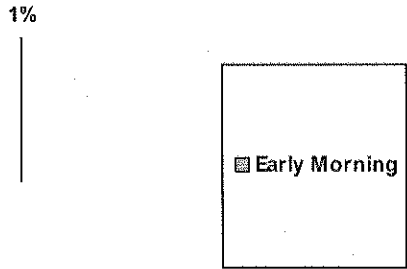
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**VIMS\_hour\_group**



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>

**Percentage of Events by Time of Day**



Axis Violation Incident Monitoring System  
Site Data Report



***Piscataway, NJ WB Centennial Ave @ Stelton Rd VIMS report***

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      06-May-08
Installation Day of Week	Tue              Tue
Installation Time	6:34 AM        3:09 PM
De-installation Date	06-May-08      06-May-08
De-installation Time	10:41 AM       7:16 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

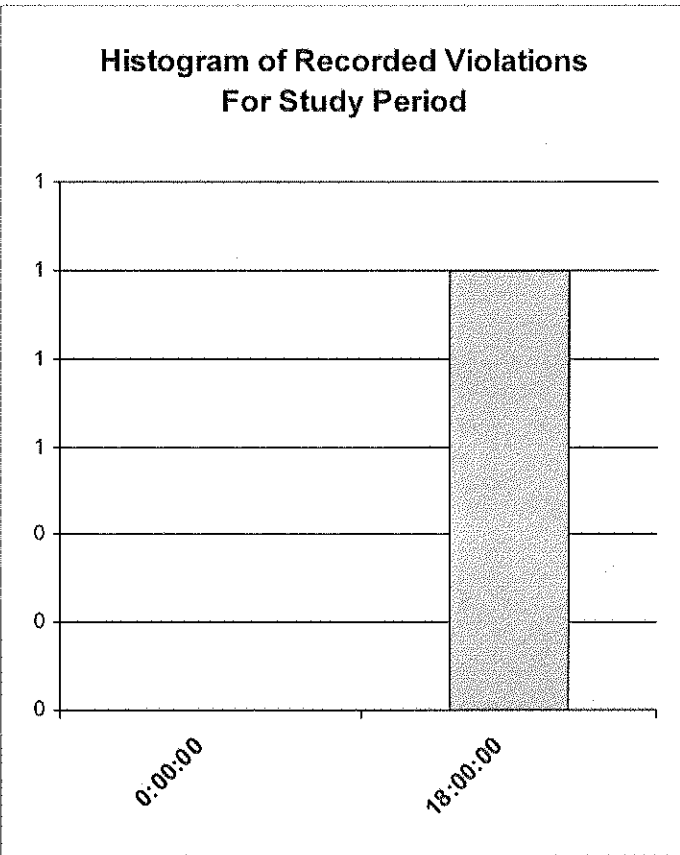
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
 Site Data Report



*Piscataway, NJ WB Centennial Ave @ Stelton Rd VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
18:00:00	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>



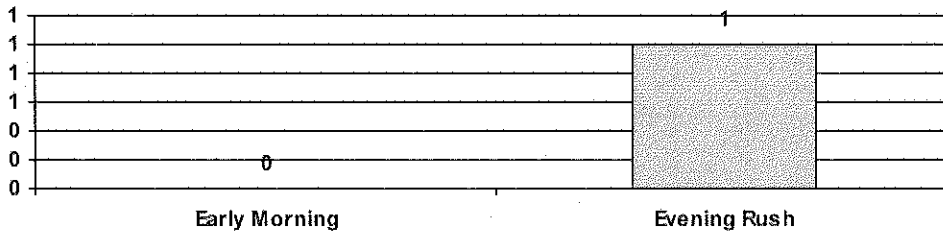
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Centennial Ave @ Stelton Rd VIMS report

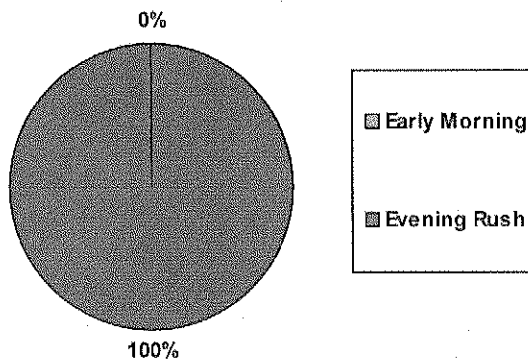
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Hoes Ln @ Centennial Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Hoes Ln @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08      22-Apr-08
Installation Day of Week	Wed              Tue
Installation Time	7:17 AM        4:04 PM
De-installation Date	23-Apr-08      22-Apr-08
De-installation Time	11:23 AM       8:11 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

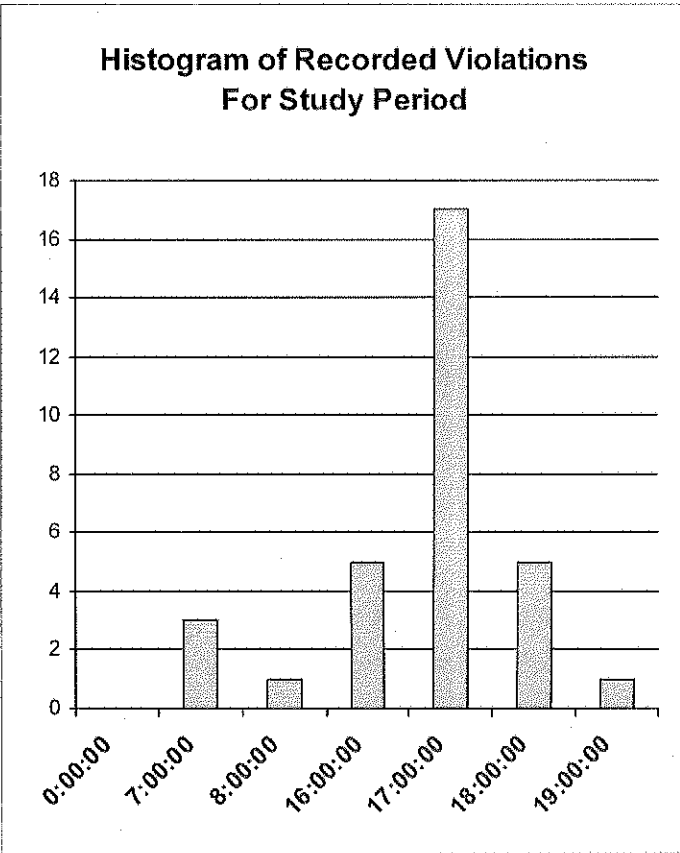


Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ NB Hoes Ln @ Centennial Ave VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
7:00:00	3	0	0	3
8:00:00	0	1	0	1
16:00:00	5	0	0	5
17:00:00	13	4	0	17
18:00:00	5	0	0	5
19:00:00	0	1	0	1
<b>Total</b>	<b>26</b>	<b>6</b>	<b>0</b>	<b>32</b>



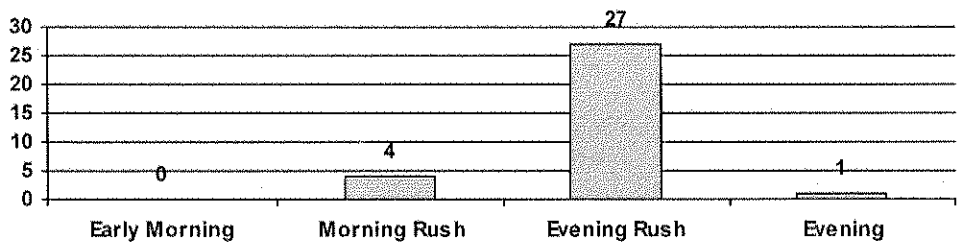
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB Hoes Ln @ Centennial Ave VIMS report

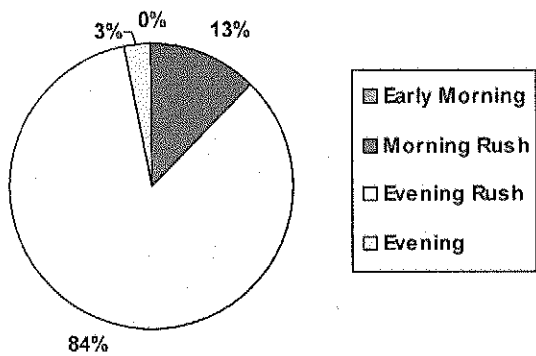
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	3	1	0	4
Evening Rush Hours -- 04:01 PM to 07:00 PM	23	4	0	27
Evening Hours -- 07:01 PM to 11:59 PM	0	1	0	1
<b>Total</b>	<b>26</b>	<b>6</b>	<b>0</b>	<b>32</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	9%	3%	0%	13%
Evening Rush Hours -- 04:01 PM to 07:00 PM	72%	13%	0%	84%
Evening Hours -- 07:01 PM to 11:59 PM	0%	3%	0%	3%
<b>Total</b>	<b>81%</b>	<b>19%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



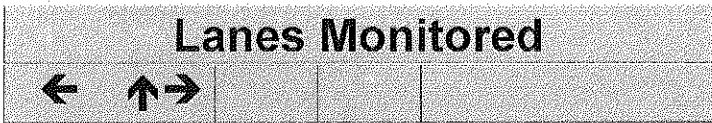
**Piscataway, NJ EB New Brunswick Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	New Brunswick Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      07-May-08
Installation Day of Week	Thu              Wed
Installation Time	6:27 AM        2:58 PM
De-installation Date	08-May-08      07-May-08
De-installation Time	10:33 AM       7:04 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



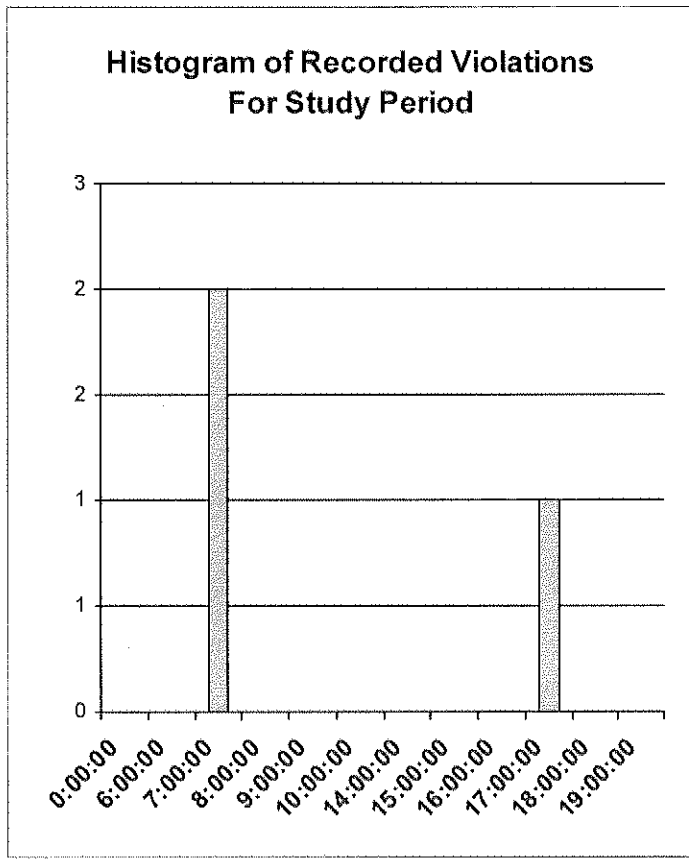
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ EB New Brunswick Ave @ Stelton Rd VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	1	0	1	2
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	1	1
18:00:00	0	0	0	0
19:00:00	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>



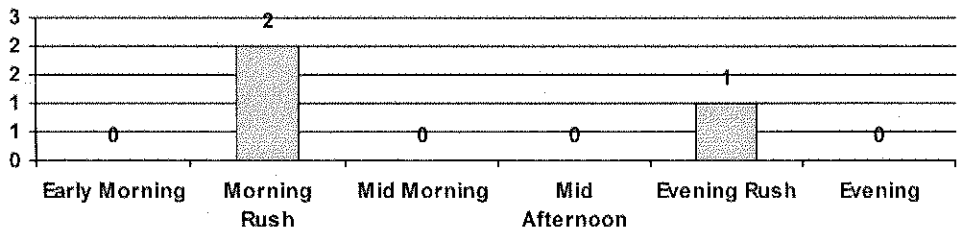
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB New Brunswick Ave @ Stelton Rd VIMS report**

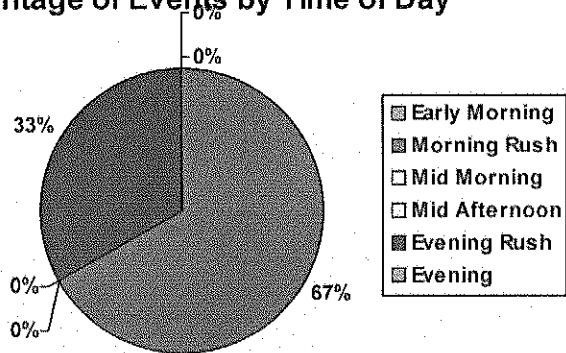
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	1	0	1	2
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	1	1
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	33%	0%	33%	67%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	33%	33%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>33%</b>	<b>0%</b>	<b>67%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Old New Brunswick Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08      22-Apr-08
Installation Day of Week	Wed              Tue
Installation Time	7:28 AM        4:18 PM
De-installation Date	23-Apr-08      22-Apr-08
De-installation Time	11:33 AM       8:24 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

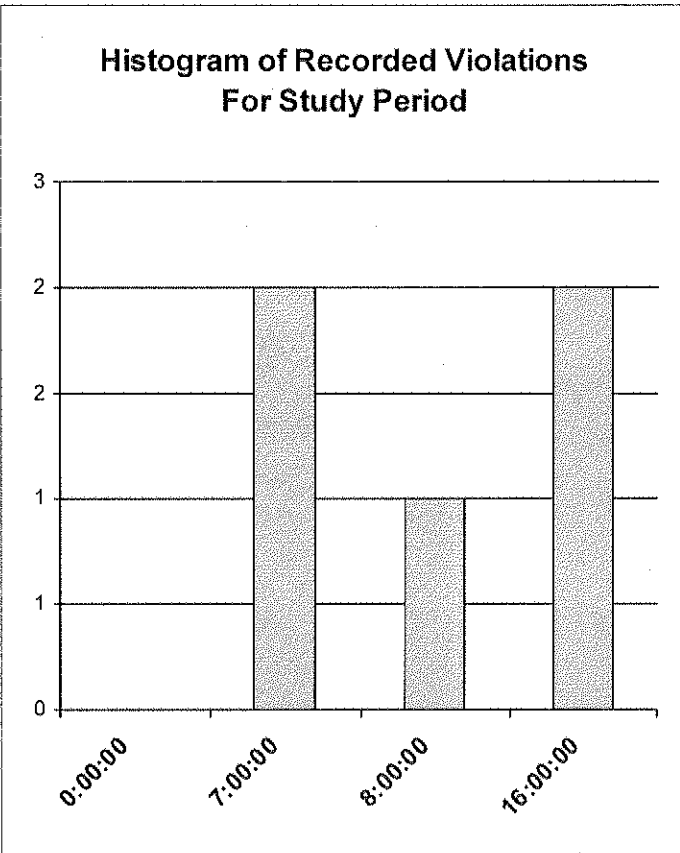
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
7:00:00	0	2	0	2
8:00:00	0	1	0	1
16:00:00	0	2	0	2
<b>Total</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>

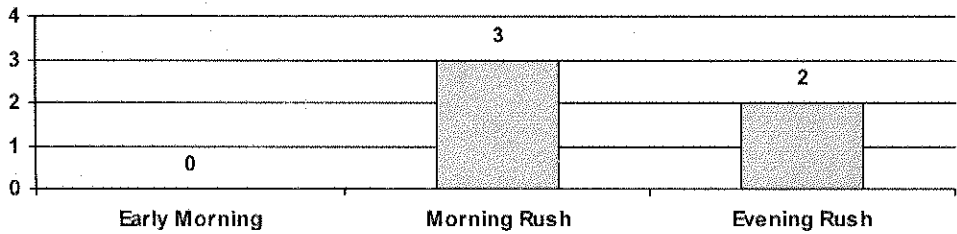




**Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave VIMS report**

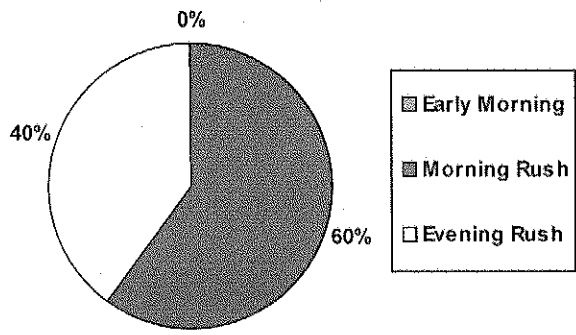
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	3	0	3
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	2	0	2
<b>Total</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	60%	0%	60%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	40%	0%	40%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day





Axis Violation Incident Monitoring System  
Site Data Report



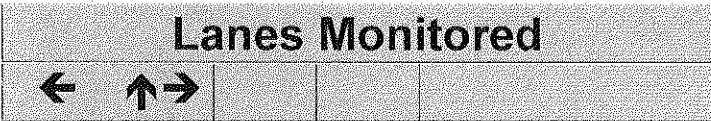
Piscataway, NJ NB Stelton Rd @ Ethel Rd W VIMS report

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Ethel Rd W
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	09-May-08      08-May-08
Installation Day of Week	Fri                      Thu
Installation Time	6:16 AM              2:46 PM
De-installation Date	09-May-08      08-May-08
De-installation Time	10:23 AM          6:54 PM
Total Operational Hours	8.3

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



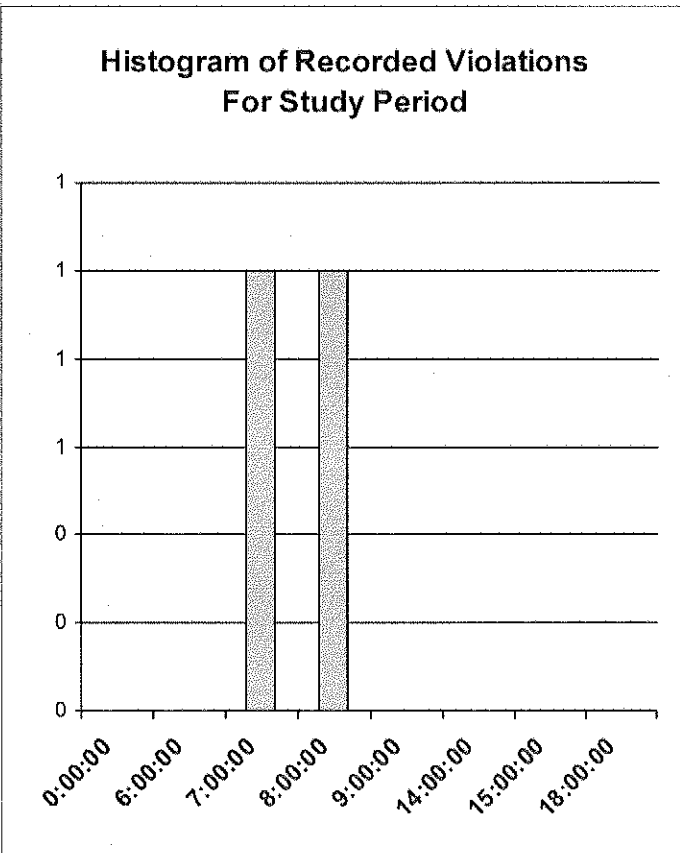
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ NB Stelton Rd @ Ethel Rd W VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	1	0	1
8:00:00	0	1	0	1
9:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
18:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>



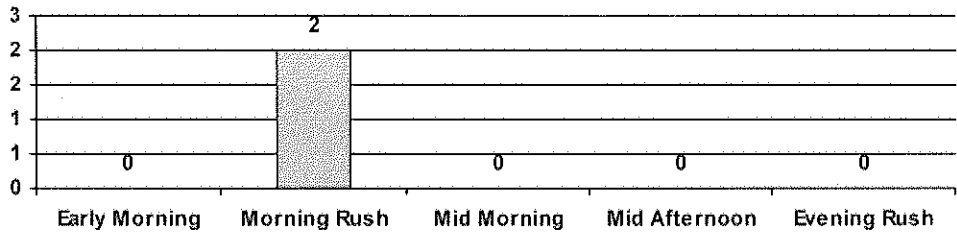
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ Ethel Rd W VIMS report**

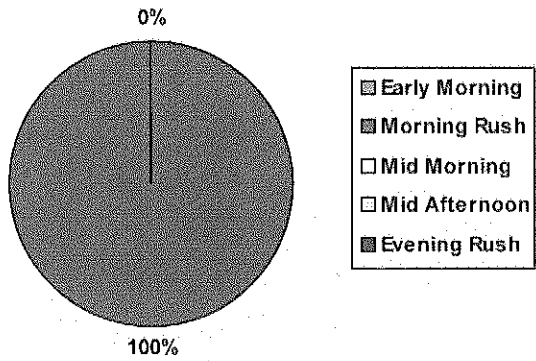
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	2	0	2
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	100%	0%	100%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axisis Violation Incident Monitoring System  
Site Data Report



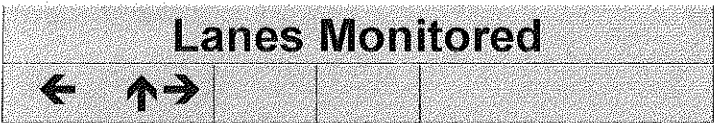
**Piscataway, NJ SB Stelton Rd @ Ethel Rd W VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Ethel Rd W
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      09-May-08
Installation Day of Week	Thu              Fri
Installation Time	3:04 PM        6:08 AM
De-installation Date	08-May-08      09-May-08
De-installation Time	7:12 PM        10:15 AM
Total Operational Hours	8.3

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



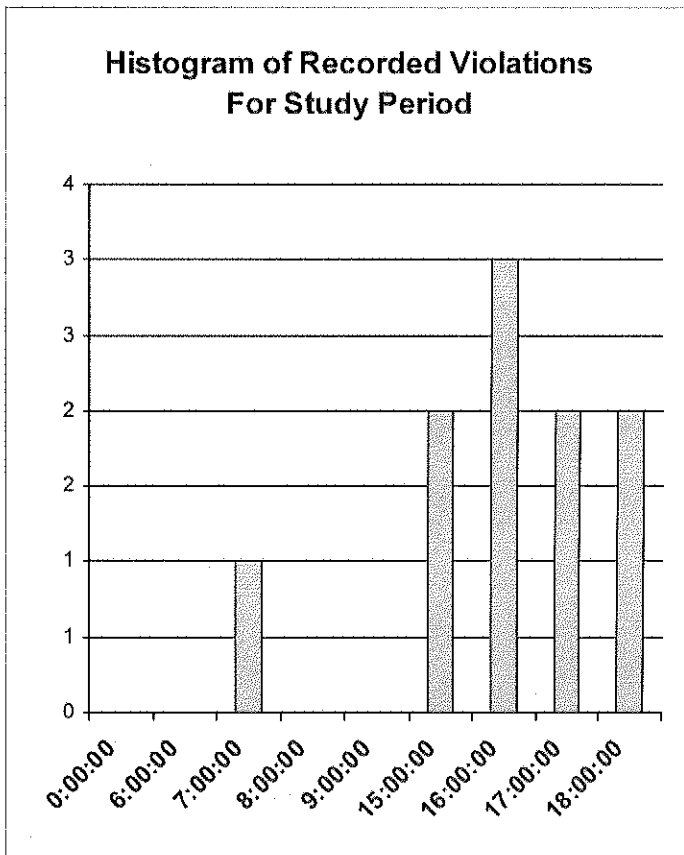
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ SB Stelton Rd @ Ethel Rd W VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	1	0	1
8:00:00	0	0	0	0
9:00:00	0	0	0	0
15:00:00	0	2	0	2
16:00:00	1	2	0	3
17:00:00	0	2	0	2
18:00:00	0	2	0	2
<b>Total</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>10</b>

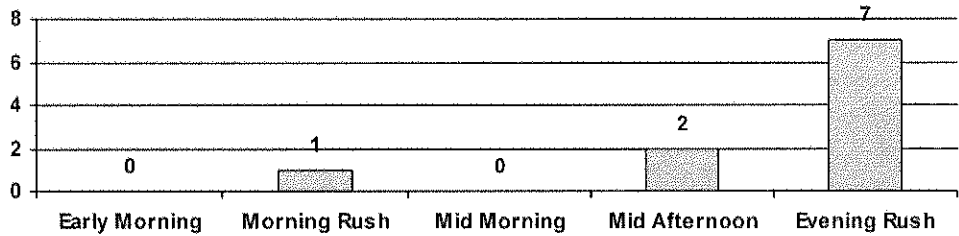




**Piscataway, NJ SB Stelton Rd @ Ethel Rd W VIMS report**

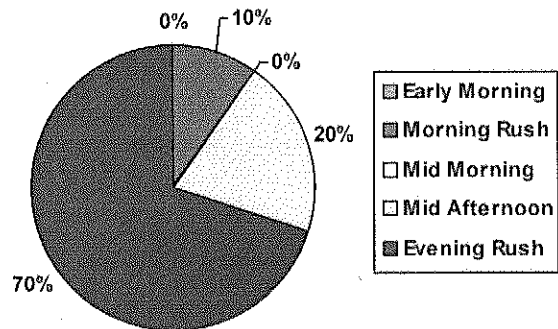
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	1	0	1
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	2	0	2
Evening Rush Hours -- 04:01 PM to 07:00 PM	1	6	0	7
<b>Total</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>10</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	10%	0%	10%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	20%	0%	20%
Evening Rush Hours -- 04:01 PM to 07:00 PM	10%	60%	0%	70%
<b>Total</b>	<b>10%</b>	<b>90%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ New Brunswick Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ New Brunswick Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:26 AM        2:31 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:33 AM       6:37 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

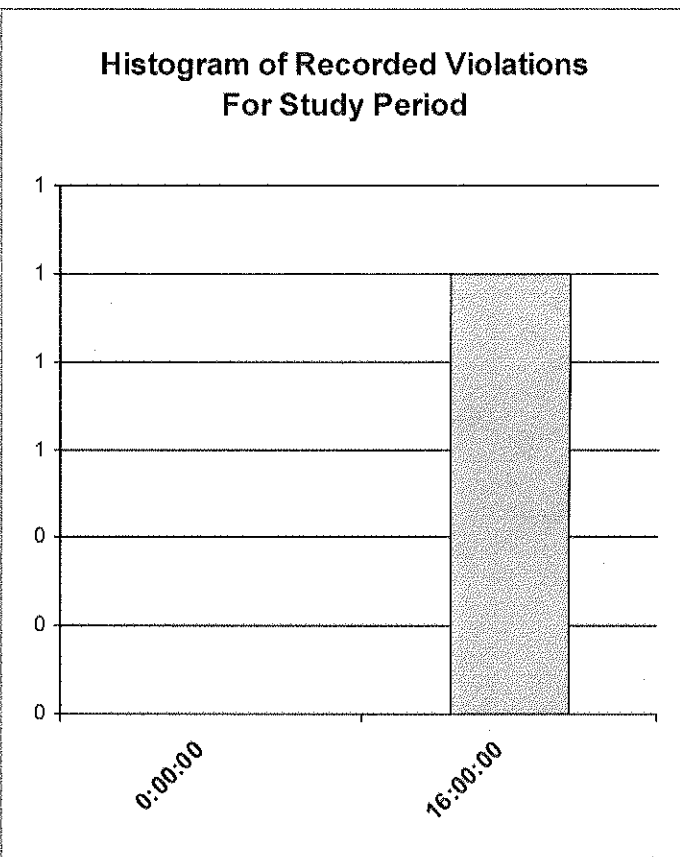
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ NB Stelton Rd @ New Brunswick Ave VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
16:00:00	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>



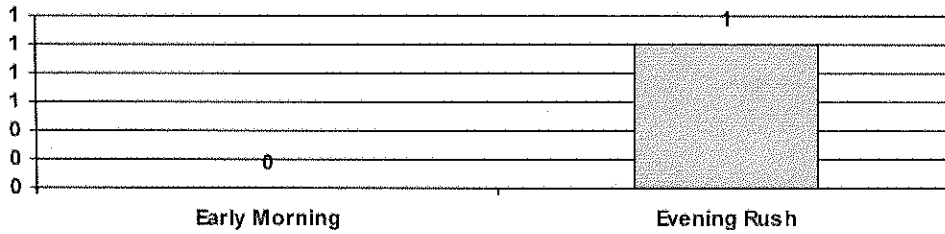




**Piscataway, NJ NB Stelton Rd @ New Brunswick Ave VIMS report**

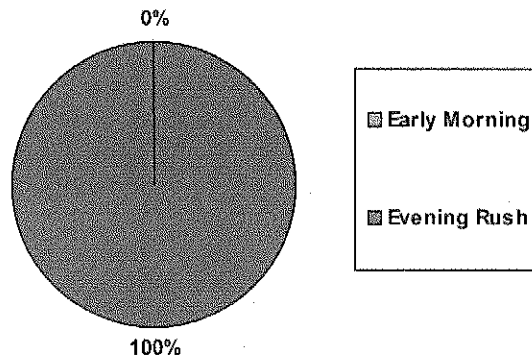
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



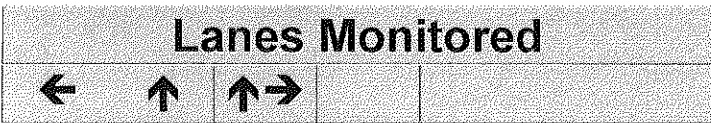
***Piscataway, NJ SB Stelton Rd @ New Brunswick Ave VIMS report***

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ New Brunswick Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:35 AM          2:46 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:42 AM        6:52 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



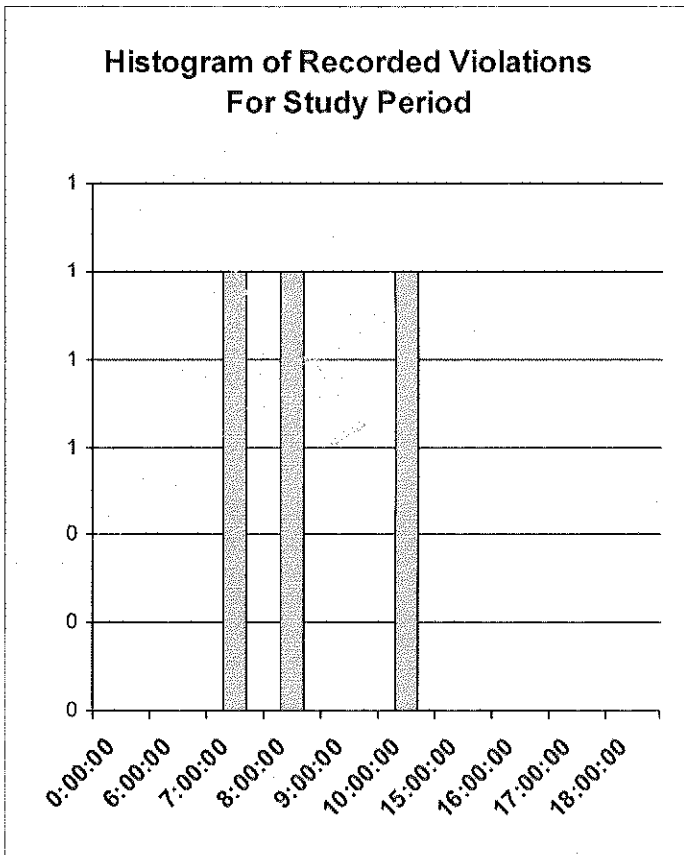
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
 Site Data Report



*Piscataway, NJ SB Stelton Rd @ New Brunswick Ave VIMS report*

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	1	1
8:00:00	0	0	1	1
9:00:00	0	0	0	0
10:00:00	0	0	1	1
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	0	0
18:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>

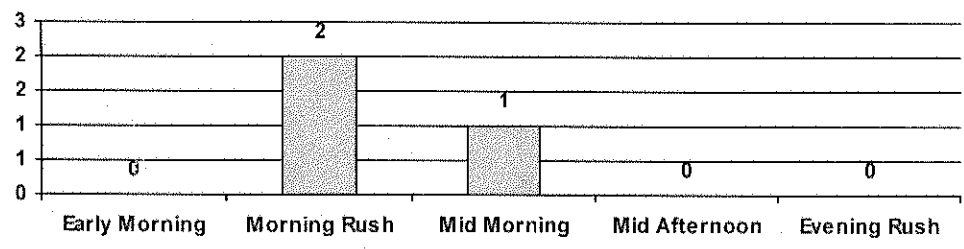




**Piscataway, NJ SB Stelton Rd @ New Brunswick Ave VIMS report**

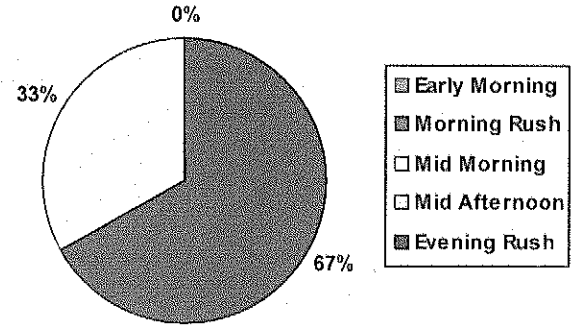
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	2	2
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	1	1
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	67%	67%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	33%	33%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>

Percentage of Events by Time of Day



**AXSIS** ViMS™

VIOLATION MONITORING SYSTEM

***VEHICLE VOLUME SUMMARY***

Piscataway, NJ

## VEHICLE VOLUME SUMMARY

<b>Date:</b>	16th June 2008		
<b>Site ID</b>	111111111111		
<b>Site Location:</b>	S/B Stelton Rd @ Ethel Rd W		
<b>City</b>	Piscataway		
<b>State</b>	New Jersey		
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2</b>	<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT+RT Turn</i>	
7 AM - 9 AM	49	1138	1187
11AM - 1 PM	121	1212	1333
4 PM - 6 PM	203	1222	1425
<b>Grand Total</b>	<b>373</b>	<b>3572</b>	<b>3945</b>

# VEHICLE VOLUME SUMMARY

<b>Date:</b>	22th June 2008			
<b>Site ID</b>	777777777777			
<b>Site Location:</b>	EB Ethel Rd W @ Stelton Rd			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2</b>		<b>Total</b>
	<i>LEFT/STRAIGHT</i>	<i>RIGHT</i>		
7 AM - 9 AM	380	107		487
11AM - 1 PM	497	121		618
4 PM - 6 PM	767	228		995
<b>Grand Total</b>	<b>1644</b>	<b>456</b>	<b>0</b>	<b>2100</b>

# VEHICLE VOLUME SUMMARY

<b>Date:</b>	23th June 2008			
<b>Site ID</b>	99999999999			
<b>Site Location:</b>	WB Ethel Rd W @ Stelton Rd			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2</b>		<b>Total</b>
	<i>LEFT/STRAIGHT</i>	<i>RIGHT</i>		
7 AM - 9 AM	747	204		951
11AM - 1 PM	525	180		705
4 PM - 6 PM	659	204		863
<b>Grand Total</b>	<b>1931</b>	<b>588</b>	<b>0</b>	<b>2519</b>



# VEHICLE VOLUME SUMMARY

<b>Date:</b>	19th June 2008			
<b>Site ID</b>	444444444444 & 555555555555			
<b>Site Location:</b>	SB Stelton Rd @ Centennial Ave			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1 &amp; 2</b>	<b>Lane: 3 &amp; 4</b>	<b>Lane: 5</b>	<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT</i>	<i>RIGHT</i>	
7 AM - 9 AM	1203	611	284	1814
11AM - 1 PM	1245	758	526	2003
4 PM - 6 PM	1527	966	399	2493
<b>Grand Total</b>	<b>3975</b>	<b>2335</b>	<b>1209</b>	<b>6310</b>

# VEHICLE VOLUME SUMMARY

<b>Date:</b>	27th June 2008			
<b>Site ID</b>	12121212121212			
<b>Site Location:</b>	NB Hoes Lane @ Centennial Ave			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2 &amp; 3</b>	<b>Lane 4</b>	<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT</i>	<i>Right Yield</i>	
7 AM - 9 AM	591	1061	N/A	1652
11AM - 1 PM	375	885	N/A	1260
4 PM - 6 PM	670	1617	N/A	2287
<b>Grand Total</b>	<b>1636</b>	<b>3563</b>	<b>0</b>	<b>5199</b>

# VEHICLE VOLUME SUMMARY

<b>Date:</b>	24th June 2008			
<b>Site ID</b>	888888888888			
<b>Site Location:</b>	EB Centennial Ave @ Old New Brunswick Rd			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2 &amp; 3</b>	<b>Lane 4</b>	<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT</i>	<i>Right Yield</i>	
7 AM - 9 AM	191	464	N/A	655
11AM - 1 PM	145	536	N/A	681
4 PM - 6 PM	181	641	N/A	822
<b>Grand Total</b>	<b>517</b>	<b>1641</b>	<b>0</b>	<b>2158</b>

# VEHICLE VOLUME SUMMARY

<b>Date:</b>	24th June 2008			
<b>Site ID</b>	010101010101			
<b>Site Location:</b>	WB Centennial @ Old New Brunswick Rd			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2 &amp; 3</b>	<b>Lane 4</b>	<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT</i>	<i>Right Yield</i>	
7 AM - 9 AM	288	553	N/A	841
11AM - 1 PM	253	542	N/A	795
4 PM - 6 PM	266	789	N/A	1055
<b>Grand Total</b>	<b>807</b>	<b>1884</b>	<b>0</b>	<b>2691</b>

# VEHICLE VOLUME SUMMARY

<b>Date:</b>	17th June 2008			
<b>Site ID</b>	222222222222			
<b>Site Location:</b>	EB Stelton Rd @ S Washington Ave			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2 &amp; 3</b>	<b>Lane 4</b>	<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT</i>	<i>Right Yield</i>	
7 AM - 9 AM	303	1097	N/A	1400
11AM - 1 PM	409	832	N/A	1241
4 PM - 6 PM	409	1055	N/A	1464
<b>Grand Total</b>	<b>1121</b>	<b>2984</b>	<b>0</b>	<b>4105</b>

## VEHICLE VOLUME SUMMARY

<b>Date:</b>	17th June 2008			
<b>Site ID</b>	333333333333			
<b>Site Location:</b>	WB Stelton Rd @ S Washington Ave			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2 &amp; 3</b>	<b>Lane 4</b>	<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT</i>	<i>Right Yield</i>	
7 AM - 9 AM	358	1345	N/A	1703
11AM - 1 PM	191	1312	N/A	1503
4 PM - 6 PM	240	1505	N/A	1745
<b>Grand Total</b>	<b>789</b>	<b>4162</b>	<b>0</b>	<b>4951</b>

# VEHICLE VOLUME SUMMARY

<b>Date:</b>	30th June 2008			
<b>Site ID</b>	454545454545			
<b>Site Location:</b>	NB S Randolphville Rd @ Centennial Ave			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2</b>		<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT/RIGHT</i>		
7 AM - 9 AM	29	337		366
11AM - 1 PM	36	417		453
4 PM - 6 PM	79	737		816
<b>Grand Total</b>	<b>144</b>	<b>1491</b>	<b>0</b>	<b>1635</b>

# VEHICLE VOLUME SUMMARY

<b>Date:</b>	27th June 2008			
<b>Site ID</b>	242424242424			
<b>Site Location:</b>	SB S Randolphville Rd @ Centennial Ave			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2 &amp; 3</b>		<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT &amp; STR/RT</i>		
7 AM - 9 AM	207	766		973
11AM - 1 PM	166	440		606
4 PM - 6 PM	192	530		722
<b>Grand Total</b>	<b>565</b>	<b>1736</b>	<b>0</b>	<b>2301</b>



# VEHICLE VOLUME SUMMARY

<b>Date:</b>	8th July 2008			
<b>Site ID</b>	50000000000 & 5100000000000			
<b>Site Location:</b>	WB New Brunswick Ave @ Stelton Rd			
<b>City</b>	Piscataway			
<b>State</b>	New Jersey			
<b>TIME</b>	<b>Lane: 1</b>	<b>Lane: 2</b>	<b>Lane: 3</b>	<b>Total</b>
	<i>LEFT</i>	<i>STRAIGHT &amp; LEFT</i>	<i>RIGHT Only</i>	
7 AM - 9 AM	472	493	442	965
11AM - 1 PM	354	366	262	720
4 PM - 6 PM	603	155	322	758
<b>Grand Total</b>	<b>1429</b>	<b>1014</b>	<b>1026</b>	<b>2443</b>

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report

**VIMS City Report for Piscataway, NJ**

VIMS reviews conducted in the previous 30 days

as of Thursday, May 15, 2008

Piscataway, NJ EB Centennial Ave @ Old New Brunswick Rd / Hoes Ln AM/PM	16 violations (1 left 15 straight )	8.2 hrs total
Piscataway, NJ WB Centennial Ave @ Old New Brunswick Rd / Hoes Ln AM/PM	9 violations (1 left 8 straight )	8.2 hrs total
Piscataway, NJ EB Centennial Ave @ S Randolphville Rd AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ WB Centennial Ave @ S Randolphville Rd AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ EB Centennial Ave @ Stelton Rd AM/PM	0 violations	8.2 hrs total
Piscataway, NJ WB Centennial Ave @ Stelton Rd AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ EB Ethel Rd W @ Stelton Rd AM/PM	18 violations (2 left 15 straight 1 right )	8.2 hrs total
Piscataway, NJ WB Ethel Rd W @ Stelton Rd AM/PM	30 violations (11 left 19 straight )	8.2 hrs total
Piscataway, NJ NB Hoes Ln @ Centennial Ave AM/PM	32 violations (26 left 6 straight )	8.2 hrs total
Piscataway, NJ EB New Brunswick Ave @ Stelton Rd AM/PM	3 violations (1 left 2 right )	8.2 hrs total
Piscataway, NJ WB New Brunswick Ave @ Stelton Rd AM/PM	23 violations (10 left 1 straight 12 right )	8.2 hrs total
Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave AM/PM	5 violations ( 5 straight )	8.2 hrs total
Piscataway, NJ NB S Randolphville Rd @ Centennial Ave AM/PM	16 violations ( 3 straight 13 right )	8.3 hrs total
Piscataway, NJ SB S Randolphville Rd @ Centennial Ave AM/PM	26 violations (6 left 5 straight 15 right )	8.2 hrs total
Piscataway, NJ NB S Washington Ave @ Stelton Rd AM/PM	1 violations (1 left )	8.2 hrs total
Piscataway, NJ NB Stelton Rd @ Centennial Ave AM/PM	7 violations (3 left 4 straight )	8.2 hrs total
Piscataway, NJ SB Stelton Rd @ Centennial Ave AM/PM	16 violations (4 left 8 straight 4 right )	8.2 hrs total
Piscataway, NJ NB Stelton Rd @ Ethel Rd W AM/PM	2 violations ( 2 straight )	8.3 hrs total
Piscataway, NJ SB Stelton Rd @ Ethel Rd W AM/PM	10 violations (1 left 9 straight )	8.3 hrs total
Piscataway, NJ NB Stelton Rd @ New Brunswick Ave AM/PM	1 violations ( 1 straight )	8.2 hrs total
Piscataway, NJ SB Stelton Rd @ New Brunswick Ave AM/PM	3 violations ( 3 right )	8.2 hrs total
Piscataway, NJ EB Stelton Rd @ S Washington Ave AM/PM	17 violations ( 17 straight )	8.2 hrs total
Piscataway, NJ WB Stelton Rd @ S Washington Ave AM/PM	50 violations (40 left 10 straight )	8.2 hrs total

ADD 107-127 FOR FULL DAY

226 / DAY X 30 DAYS = 6780 VPM  
+ 6780 + 1070  
7850

Daniel,

I located the list of red light violations and will be forwarding you a copy. The violations are surprisingly high. The results were collected by cameras set up by ATS and cover 8.2 hours: am and pm rush and lunch time. I targeted the top 14 approaches which ranged from 5 violations to 50 violations in this 8.2 hour time frame. If you add 10% to account for a 24 hour day this would equate to approximately 7458 total violations per month. If the Township receives \$46 per ticket, this would equate to \$343,068.00 gross revenue for the Township. If we chose to pay a fixed rate of \$4750 per camera times 14 cameras, we would be paying ATS a total of \$66,500 per month. This would equate to a profit of \$276,568 for the Township each month (this would decrease in time as compliance increases). With this fixed rate pricing, each camera would only have to provide 3.44 summonses per day to break even, any in excess would show a profit to the Township. If you look at the number of violations you will see that this would be no problem.

I did not figure the per violation return of a fixed \$37 per summons (Red Flex) versus the sliding scale of ATS. Based on our number of violations, I have a strong feeling that ATS would prove to be the more profitable choice. I also suspect that fixed rate per camera would be the better choice. We would choose the location and number of approaches to monitor.

Good luck crunching the numbers.

Lt. Scott Iannuzzo

Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Old New Brunswick Rd / Hoes Ln
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	
Installation Date	~
Installation Day of Week	23-Apr-08      22-Apr-08
Installation Time	Wed              Tue
De-installation Date	7:17 AM        4:00 PM
De-installation Time	23-Apr-08     22-Apr-08
Total Operational Hours	11:22 AM      8:07 PM 8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	5
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

Lanes Monitored	
←	↑
↑	↗

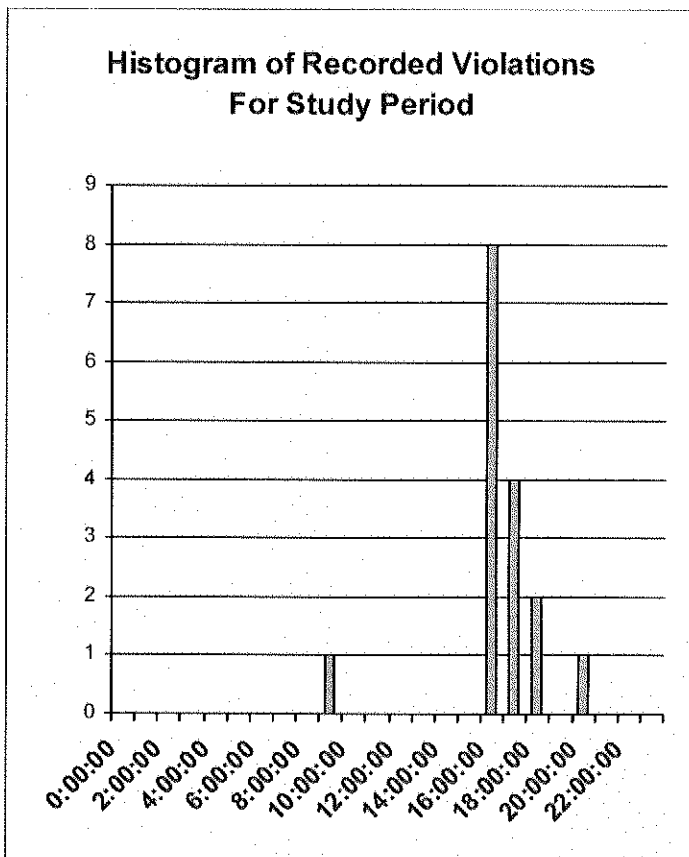
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ EB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	1	0	1
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	8	0	8
17:00:00	0	4	0	4
18:00:00	0	2	0	2
19:00:00	0	0	0	0
20:00:00	1	0	0	1
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>1</b>	<b>15</b>	<b>0</b>	<b>16</b>



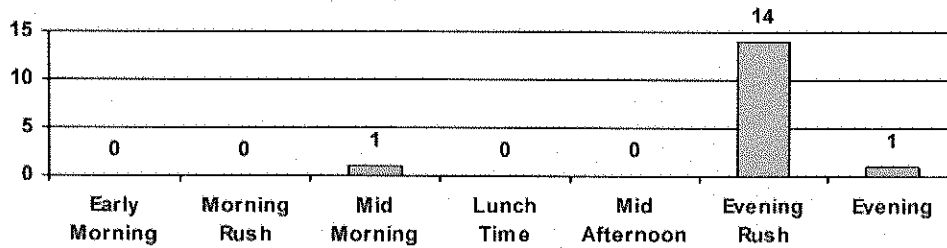
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ EB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report

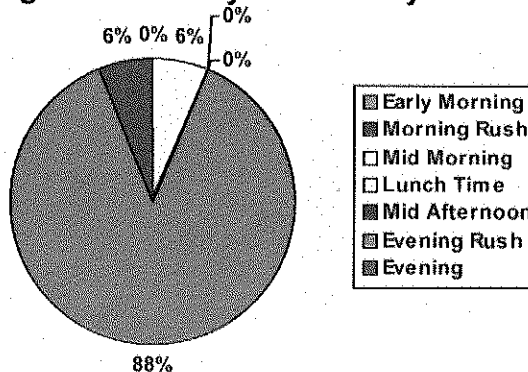
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	1	0	1
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	14	0	14
Evening Hours -- 07:01 PM to 11:59 PM	1	0	0	1
<b>Total</b>	<b>1</b>	<b>15</b>	<b>0</b>	<b>16</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	6%	0%	6%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	88%	0%	88%
Evening Hours -- 07:01 PM to 11:59 PM	6%	0%	0%	6%
<b>Total</b>	<b>6%</b>	<b>94%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Old New Brunswick Rd / Hoes Ln
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	
Installation Day of Week	23-Apr-08      22-Apr-08
Installation Time	Wed              Tue
De-installation Date	7:23 AM          4:09 PM
De-installation Time	23-Apr-08      22-Apr-08
Total Operational Hours	11:28 AM      8:16 PM 8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

cant see left turn arrow for pm tape scatched lense from 4:09-7:38pm

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	3
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

Lanes Monitored			
←	↑	↑ ↗	

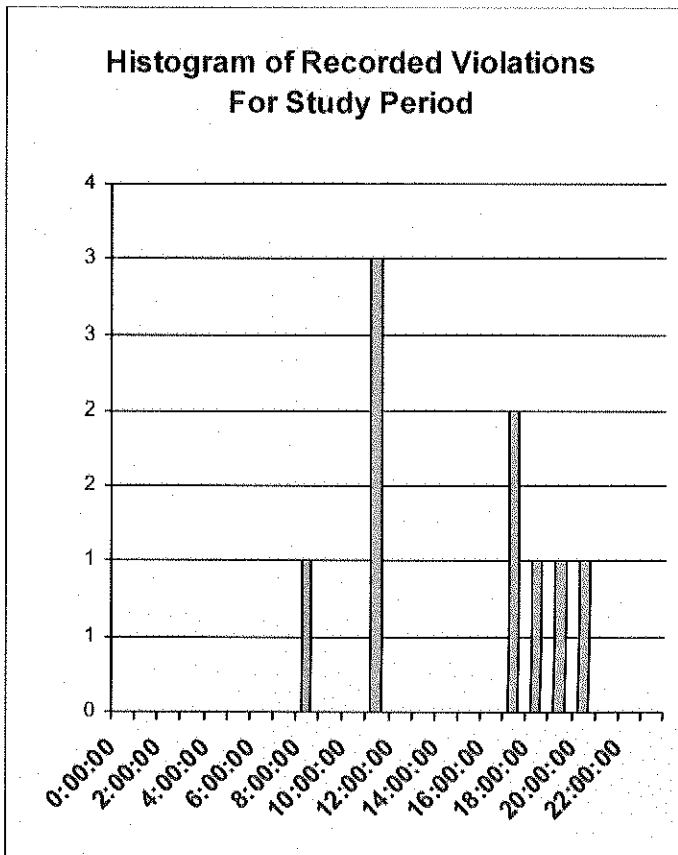
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



***Piscataway, NJ WB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report***

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	1	0	1
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	1	2	0	3
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	2	0	2
18:00:00	0	1	0	1
19:00:00	0	1	0	1
20:00:00	0	1	0	1
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>9</b>





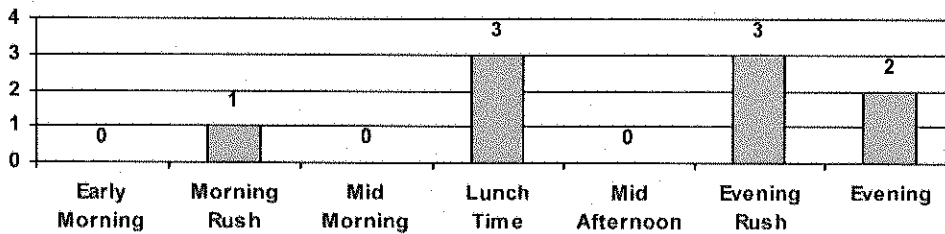
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Centennial Ave @ Old New Brunswick Rd / Hoes Ln VIMS report**

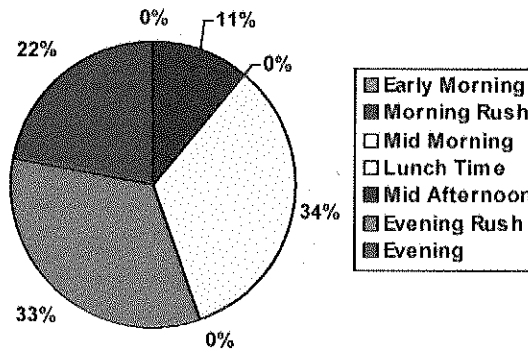
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	1	0	1
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	1	2	0	3
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	3	0	3
Evening Hours -- 07:01 PM to 11:59 PM	0	2	0	2
<b>Total</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>9</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	11%	0%	11%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	11%	22%	0%	33%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	33%	0%	33%
Evening Hours -- 07:01 PM to 11:59 PM	0%	22%	0%	22%
<b>Total</b>	<b>11%</b>	<b>89%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB Centennial Ave @ S Randolphville Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ S Randolphville Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      23-Apr-08
Installation Day of Week	Tue              Wed
Installation Time	7:23 AM        2:49 PM
De-installation Date	06-May-08      23-Apr-08
De-installation Time	11:28 AM       6:55 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

**Other notes and installation comments:**

hard to see left turn light for pm tape.

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

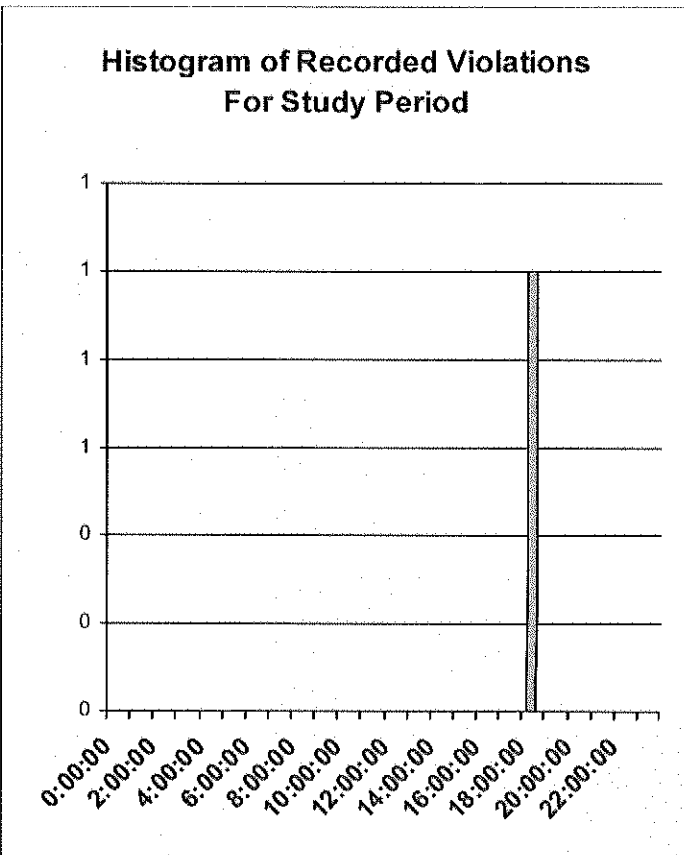
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ EB Centennial Ave @ S Randolphville Rd VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	0	0
18:00:00	0	1	0	1
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>



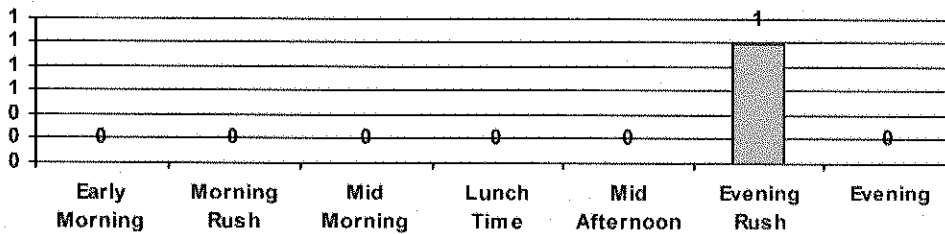
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB Centennial Ave @ S Randolphville Rd VIMS report**

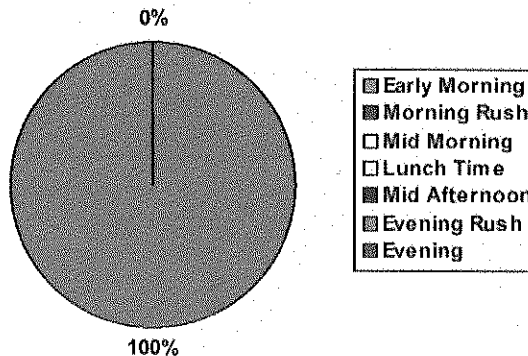
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Centennial Ave @ S Randolphville Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ S Randolphville Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08      22-Apr-08
Installation Day of Week	Wed              Tue
Installation Time	7:37 AM          2:52 PM
De-installation Date	23-Apr-08      22-Apr-08
De-installation Time	11:43 AM        6:55 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	1
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

←    ↑    ↑ ↗

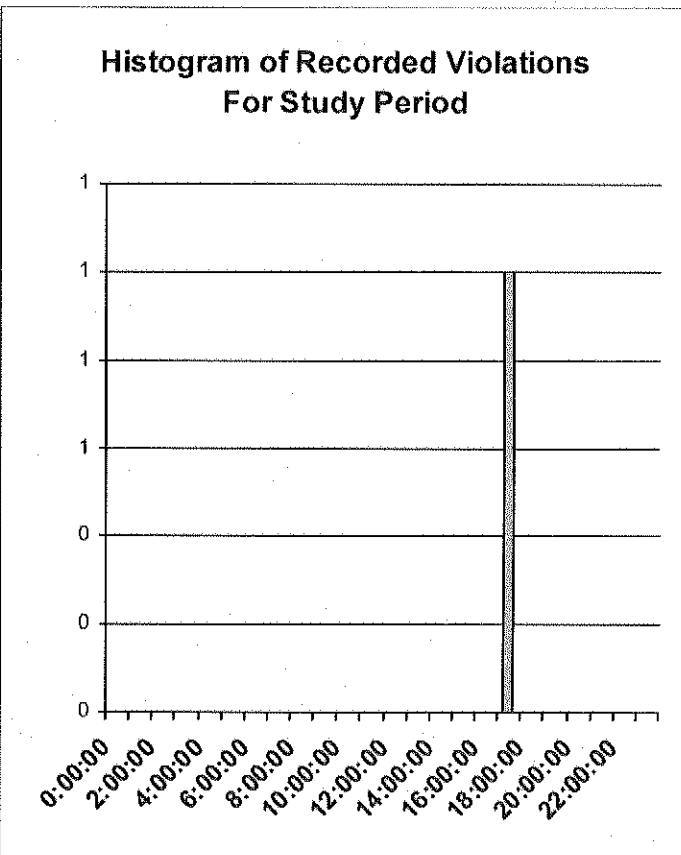
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ WB Centennial Ave @ S Randolphville Rd VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	1	0	1
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>



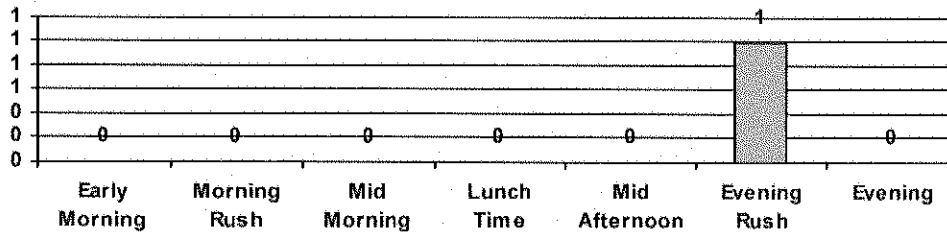
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Centennial Ave @ S Randolphville Rd VIMS report

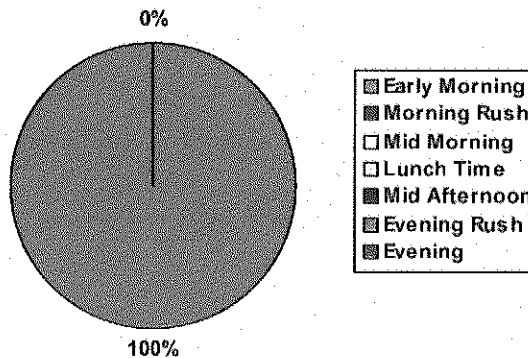
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



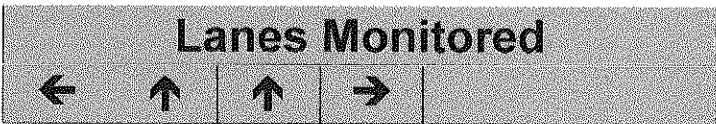
**Piscataway, NJ EB Centennial Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      05-May-08
Installation Day of Week	Tue              Mon
Installation Time	7:21 AM        3:08 PM
De-installation Date	06-May-08      05-May-08
De-installation Time	11:27 AM       7:14 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	1
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

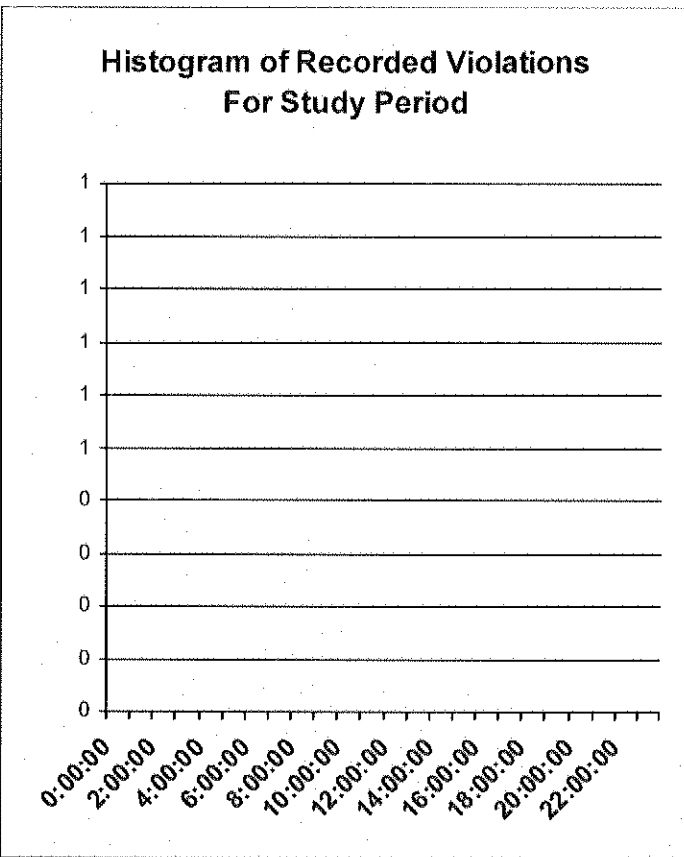


Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ EB Centennial Ave @ Stelton Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	0	0
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



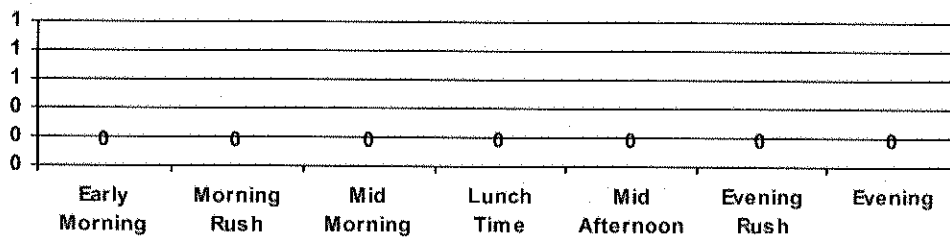
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB Centennial Ave @ Stelton Rd VIMS report**

Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	0	0
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	0%	0%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>

Percentage of Events by Time of Day

1%

- Early Morning
- Morning Rush
- Mid Morning
- Lunch Time
- Mid Afternoon
- Evening Rush
- Evening

Axis Violation Incident Monitoring System  
Site Data Report



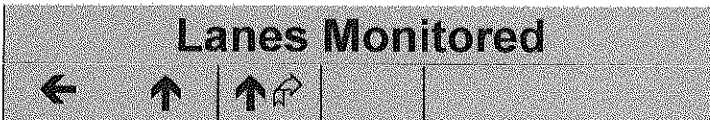
**Piscataway, NJ WB Centennial Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Centennial Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      06-May-08
Installation Day of Week	Tue              Tue
Installation Time	6:34 AM        3:09 PM
De-installation Date	06-May-08      06-May-08
De-installation Time	10:41 AM       7:16 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	1
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



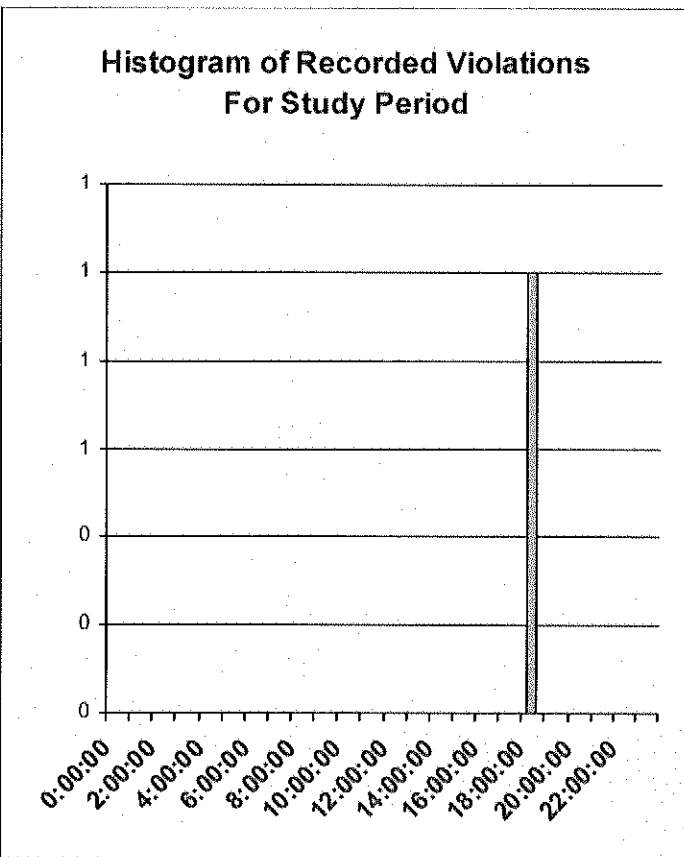
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ WB Centennial Ave @ Stelton Rd VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	0	0
18:00:00	0	1	0	1
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>



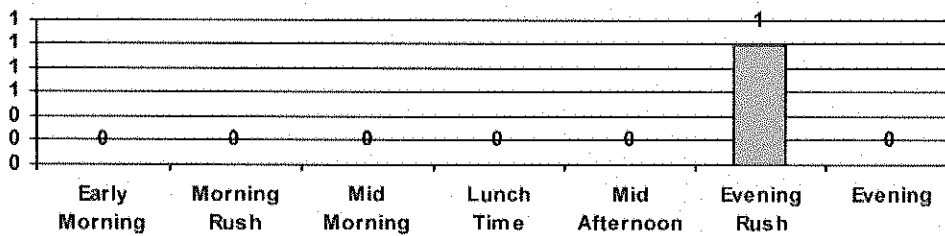
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Centennial Ave @ Stelton Rd VIMS report

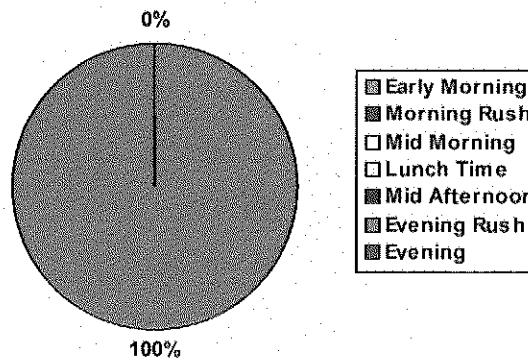
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



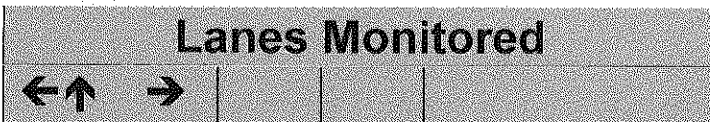
**Piscataway, NJ EB Ethel Rd W @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Ethel Rd W @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	09-May-08      08-May-08
Installation Day of Week	Fri                      Thu
Installation Time	6:28 AM              2:38 PM
De-installation Date	09-May-08      08-May-08
De-installation Time	10:35 AM          6:44 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	8
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



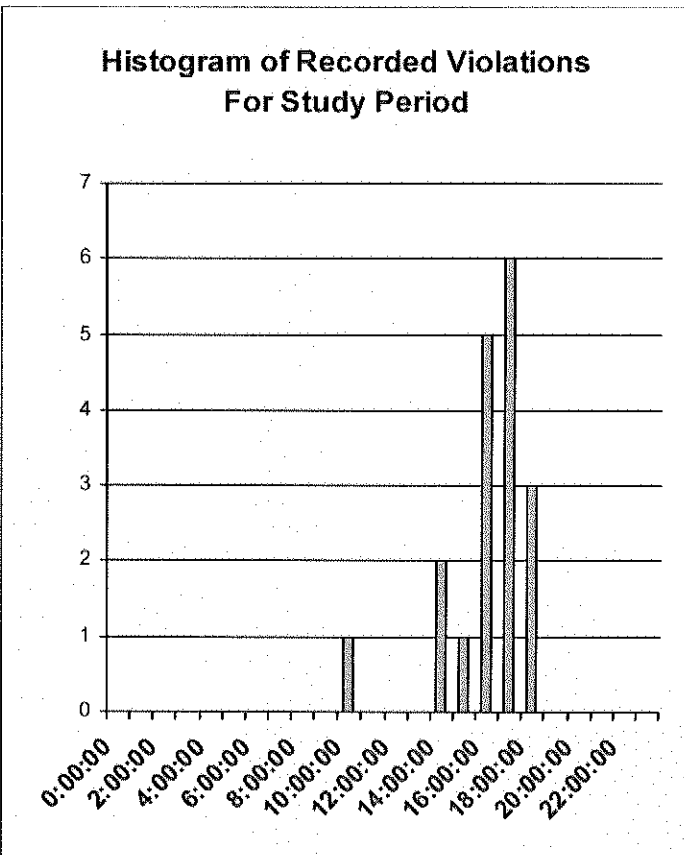
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ EB Ethel Rd W @ Stelton Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	1	0	0	1
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	2	0	2
15:00:00	0	1	0	1
16:00:00	0	4	1	5
17:00:00	1	5	0	6
18:00:00	0	3	0	3
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>2</b>	<b>15</b>	<b>1</b>	<b>18</b>

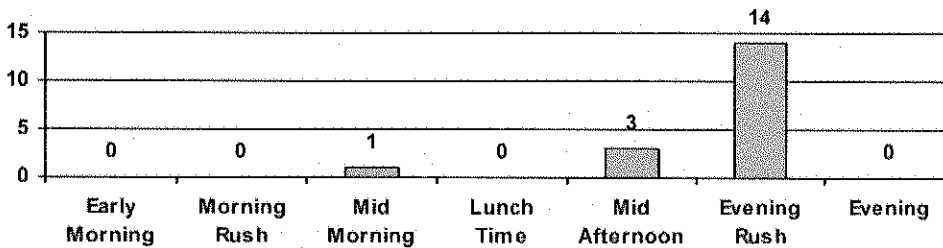




**Piscataway, NJ EB Ethel Rd W @ Stelton Rd VIMS report**

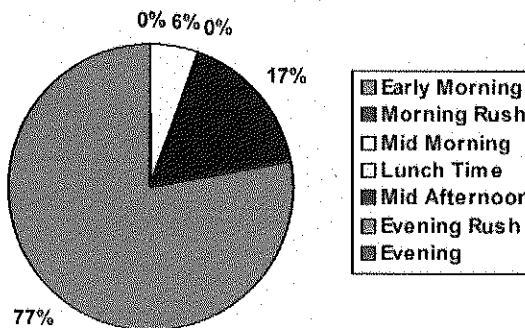
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	1	0	0	1
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	3	0	3
Evening Rush Hours -- 04:01 PM to 07:00 PM	1	12	1	14
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>2</b>	<b>15</b>	<b>1</b>	<b>18</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	6%	0%	0%	6%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	17%	0%	17%
Evening Rush Hours -- 04:01 PM to 07:00 PM	6%	67%	6%	78%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>11%</b>	<b>83%</b>	<b>6%</b>	<b>100%</b>

Percentage of Events by Time of Day





Axis Violation Incident Monitoring System  
Site Data Report



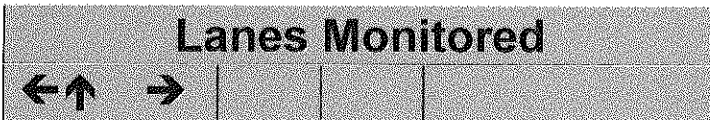
**Piscataway, NJ WB Ethel Rd W @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Ethel Rd W @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	09-May-08      08-May-08
Installation Day of Week	Fri                  Thu
Installation Time	6:19 AM            2:31 PM
De-installation Date	09-May-08      08-May-08
De-installation Time	10:26 AM        6:37 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	9
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



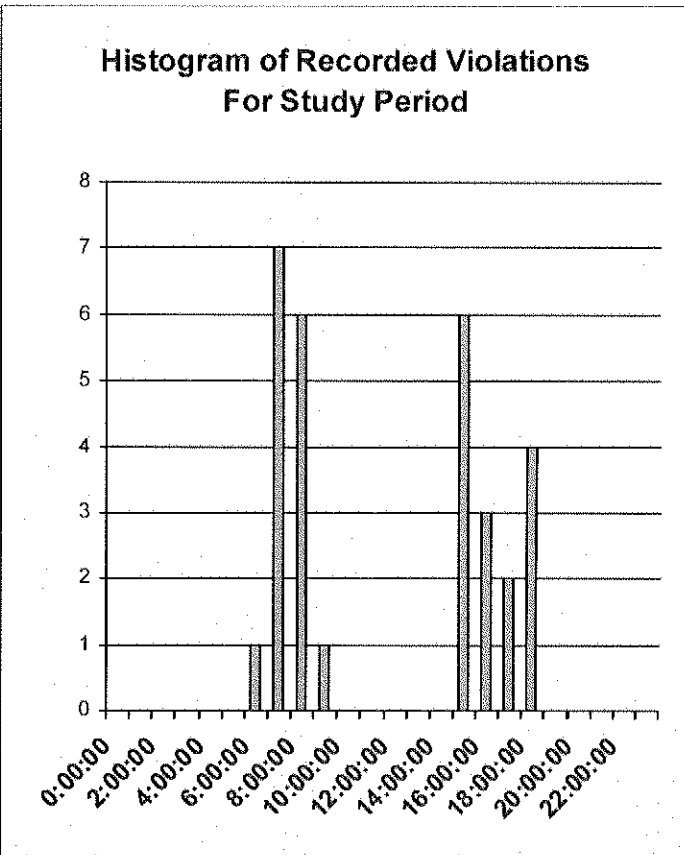
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Ethel Rd W @ Stelton Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	1	0	0	1
7:00:00	4	3	0	7
8:00:00	1	5	0	6
9:00:00	0	1	0	1
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	1	5	0	6
16:00:00	1	2	0	3
17:00:00	0	2	0	2
18:00:00	3	1	0	4
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>11</b>	<b>19</b>	<b>0</b>	<b>30</b>



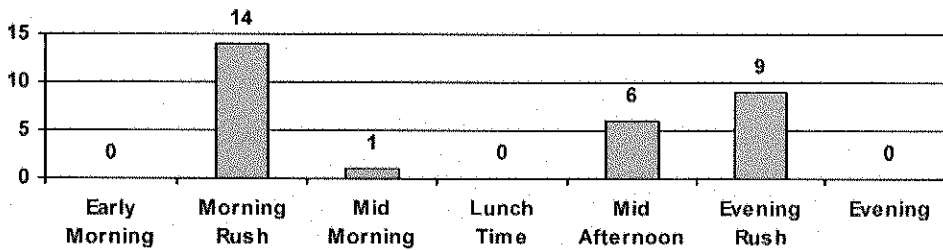
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Ethel Rd W @ Stelton Rd VIMS report**

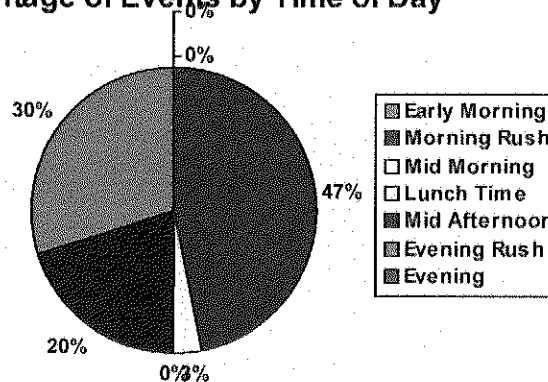
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	6	8	0	14
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	1	0	1
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	1	5	0	6
Evening Rush Hours -- 04:01 PM to 07:00 PM	4	5	0	9
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>11</b>	<b>19</b>	<b>0</b>	<b>30</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	20%	27%	0%	47%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	3%	0%	3%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	3%	17%	0%	20%
Evening Rush Hours -- 04:01 PM to 07:00 PM	13%	17%	0%	30%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>37%</b>	<b>63%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



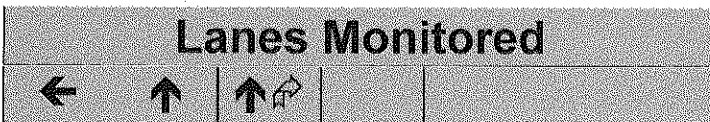
**Piscataway, NJ NB Hoes Ln @ Centennial Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Hoes Ln @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08      22-Apr-08
Installation Day of Week	Wed              Tue
Installation Time	7:17 AM        4:04 PM
De-installation Date	23-Apr-08      22-Apr-08
De-installation Time	11:23 AM       8:11 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	7
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



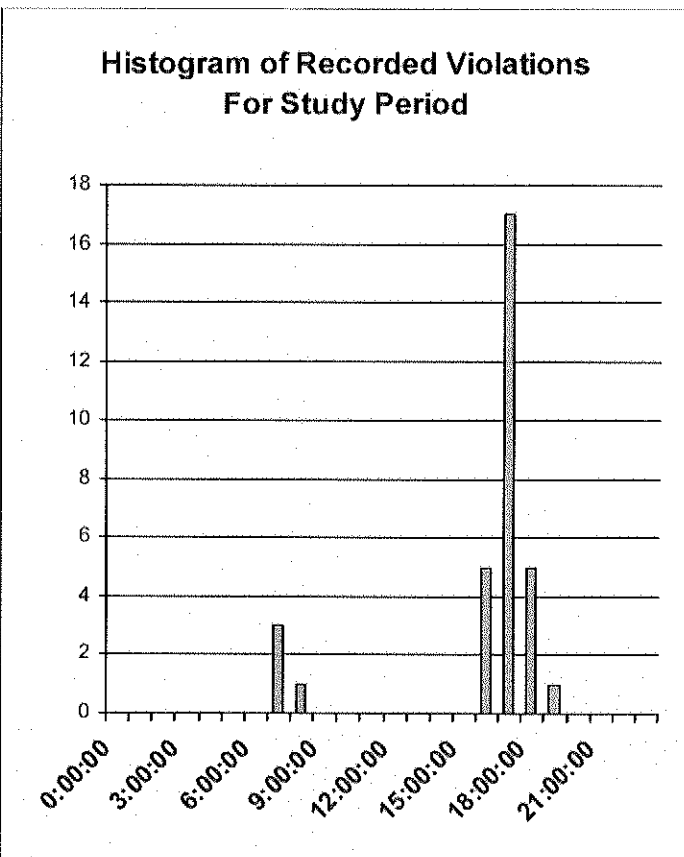
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB Hoes Ln @ Centennial Ave VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	3	0	0	3
8:00:00	0	1	0	1
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	5	0	0	5
17:00:00	13	4	0	17
18:00:00	5	0	0	5
19:00:00	0	1	0	1
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>26</b>	<b>6</b>	<b>0</b>	<b>32</b>

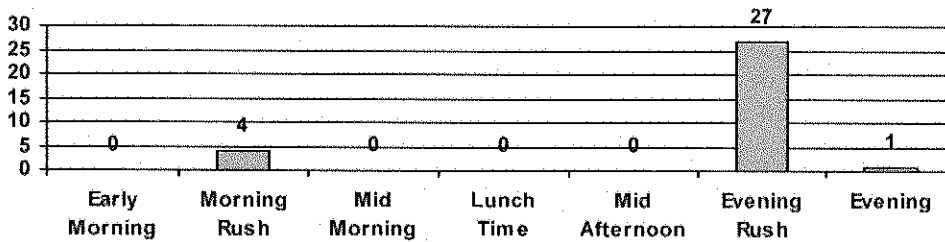




**Piscataway, NJ NB Hoes Ln @ Centennial Ave VIMS report**

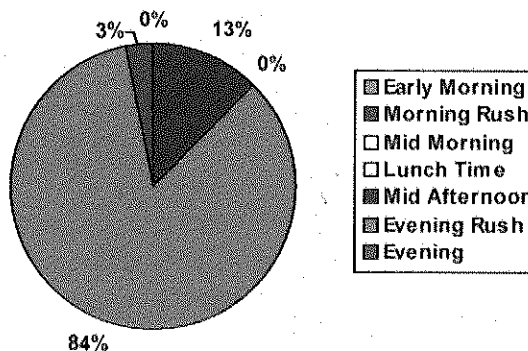
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	3	1	0	4
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	23	4	0	27
Evening Hours -- 07:01 PM to 11:59 PM	0	1	0	1
<b>Total</b>	<b>26</b>	<b>6</b>	<b>0</b>	<b>32</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	9%	3%	0%	13%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	72%	13%	0%	84%
Evening Hours -- 07:01 PM to 11:59 PM	0%	3%	0%	3%
<b>Total</b>	<b>81%</b>	<b>19%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



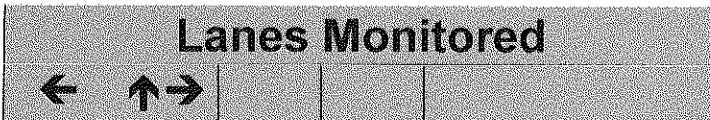
**Piscataway, NJ EB New Brunswick Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	New Brunswick Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      07-May-08
Installation Day of Week	Thu              Wed
Installation Time	6:27 AM        2:58 PM
De-installation Date	08-May-08      07-May-08
De-installation Time	10:33 AM       7:04 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	1
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



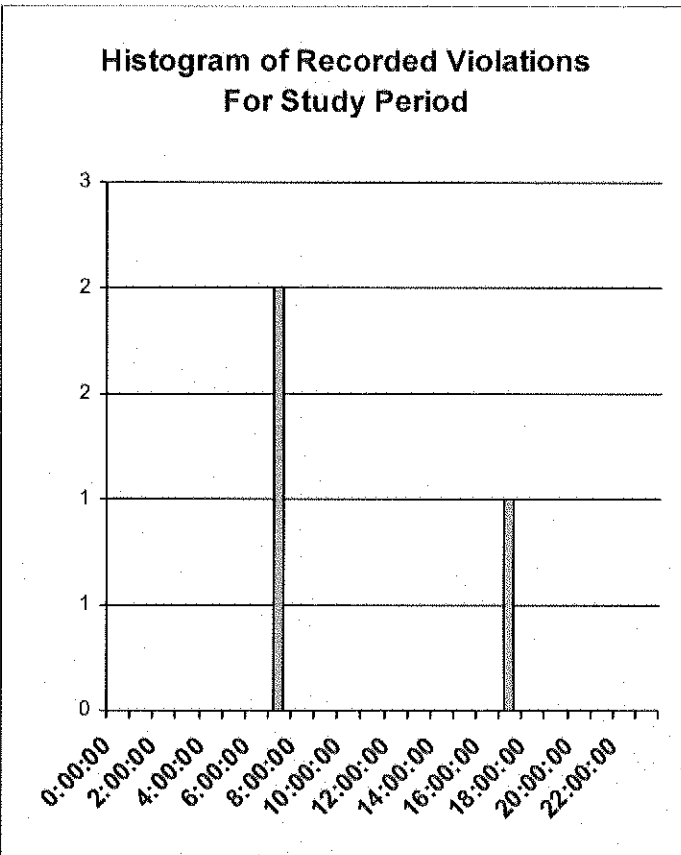
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ EB New Brunswick Ave @ Stelton Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	1	0	1	2
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	1	1
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>





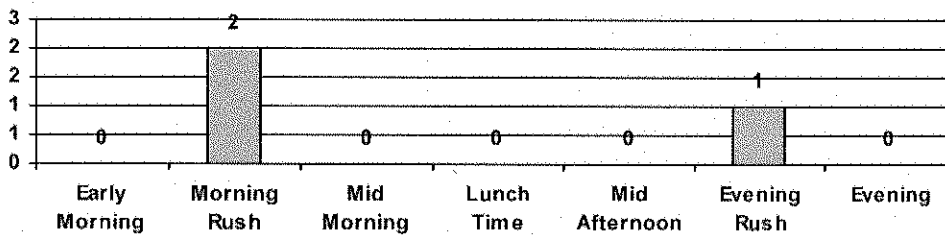
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB New Brunswick Ave @ Stelton Rd VIMS report**

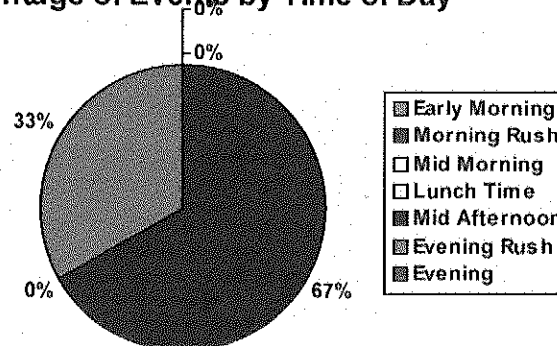
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	1	0	1	2
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	1	1
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	33%	0%	33%	67%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	33%	33%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>33%</b>	<b>0%</b>	<b>67%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



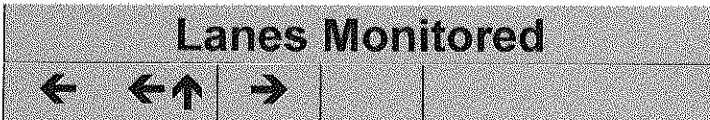
**Piscataway, NJ WB New Brunswick Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	New Brunswick Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      07-May-08
Installation Day of Week	Thu              Wed
Installation Time	6:34 AM        3:20 PM
De-installation Date	08-May-08      07-May-08
De-installation Time	10:41 AM       7:26 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	5
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



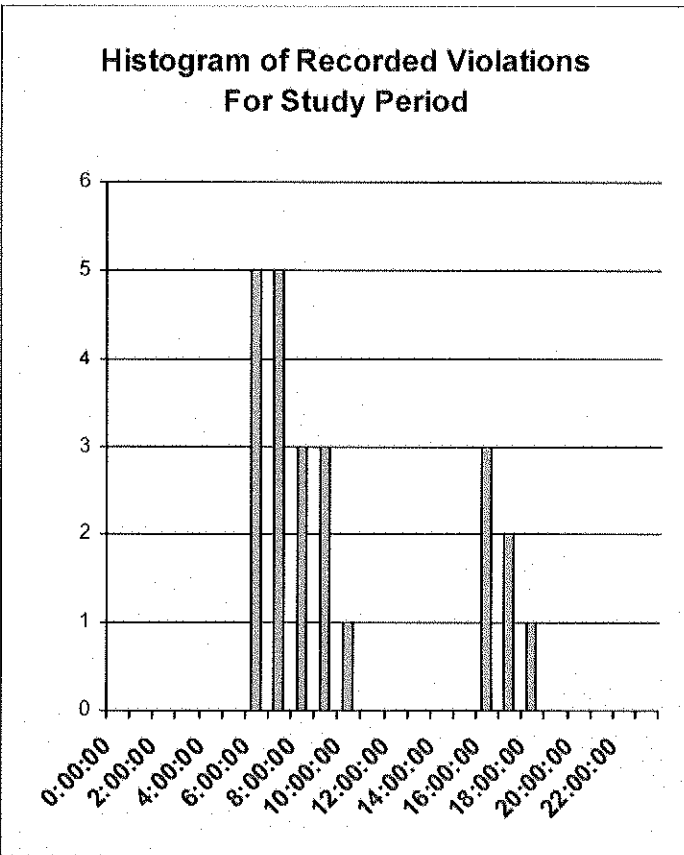
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB New Brunswick Ave @ Stelton Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	3	0	2	5
7:00:00	3	0	2	5
8:00:00	2	0	1	3
9:00:00	1	0	2	3
10:00:00	0	0	1	1
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	1	0	2	3
17:00:00	0	1	1	2
18:00:00	0	0	1	1
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>10</b>	<b>1</b>	<b>12</b>	<b>23</b>



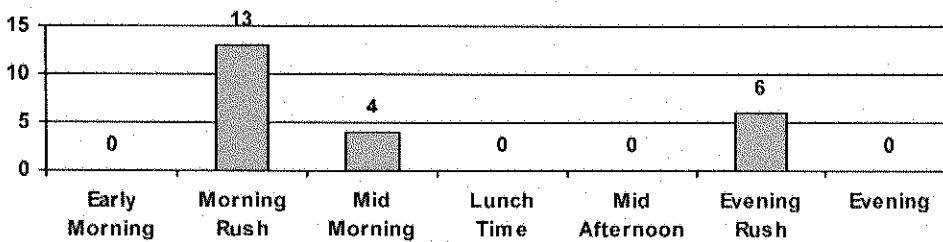
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB New Brunswick Ave @ Stelton Rd VIMS report**

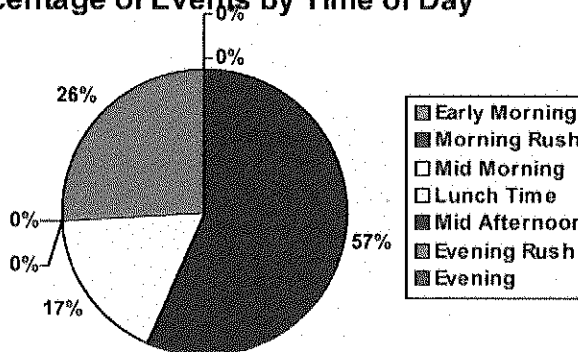
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	8	0	5	13
Mid Morning Hours -- 09:01 AM to 11:00 AM	1	0	3	4
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	1	1	4	6
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>10</b>	<b>1</b>	<b>12</b>	<b>23</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	35%	0%	22%	57%
Mid Morning Hours -- 09:01 AM to 11:00 AM	4%	0%	13%	17%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	4%	4%	17%	26%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>43%</b>	<b>4%</b>	<b>52%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Old New Brunswick Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	23-Apr-08      22-Apr-08
Installation Day of Week	Wed              Tue
Installation Time	7:28 AM        4:18 PM
De-installation Date	23-Apr-08      22-Apr-08
De-installation Time	11:33 AM      8:24 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	3
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

←
↑
↑ ↗

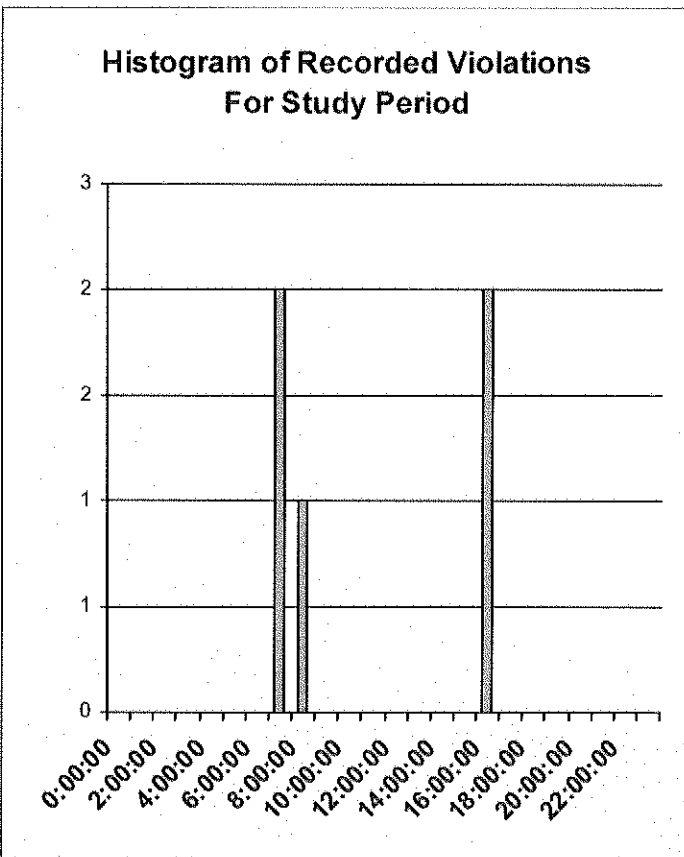
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	2	0	2
8:00:00	0	1	0	1
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	2	0	2
17:00:00	0	0	0	0
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>



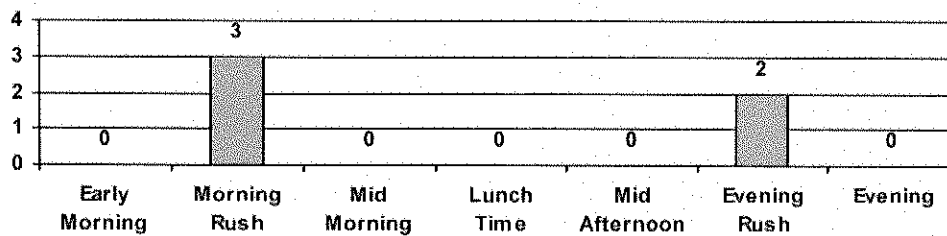
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ SB Old New Brunswick Rd @ Centennial Ave VIMS report**

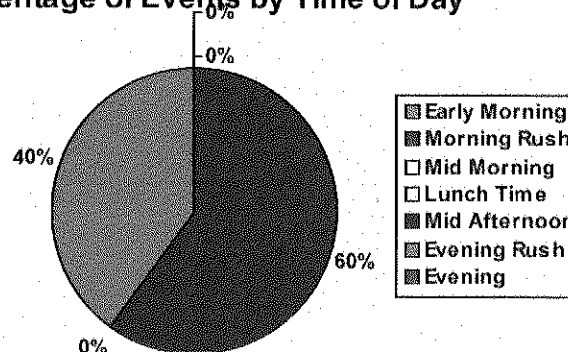
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	3	0	3
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	2	0	2
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	60%	0%	60%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	40%	0%	40%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



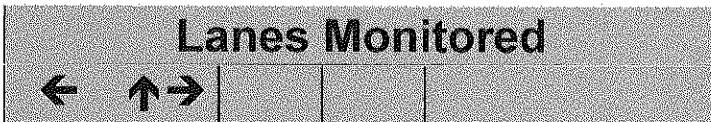
**Piscataway, NJ NB S Randolphville Rd @ Centennial Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	S Randolphville Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      05-May-08
Installation Day of Week	Tue              Mon
Installation Time	7:00 AM        2:31 PM
De-installation Date	06-May-08      05-May-08
De-installation Time	11:15 AM       6:36 PM
Total Operational Hours	8.3

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	4
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

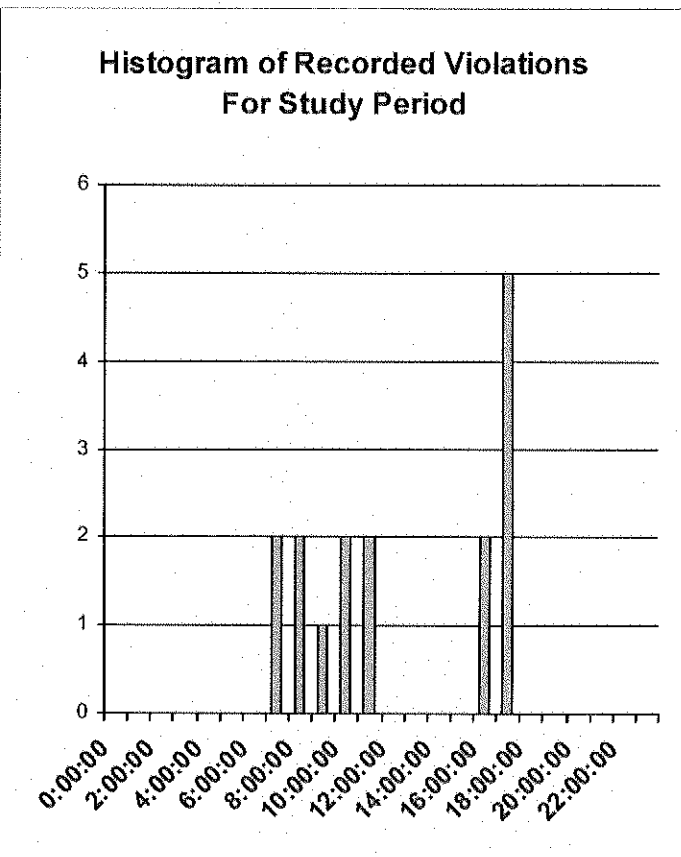


**Axis Violation Incident Monitoring System  
Site Data Report**



***Piscataway, NJ NB S Randolphville Rd @ Centennial Ave VIMS report***

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	2	2
8:00:00	0	0	2	2
9:00:00	0	0	1	1
10:00:00	0	0	2	2
11:00:00	0	0	2	2
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	2	2
17:00:00	0	3	2	5
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>3</b>	<b>13</b>	<b>16</b>



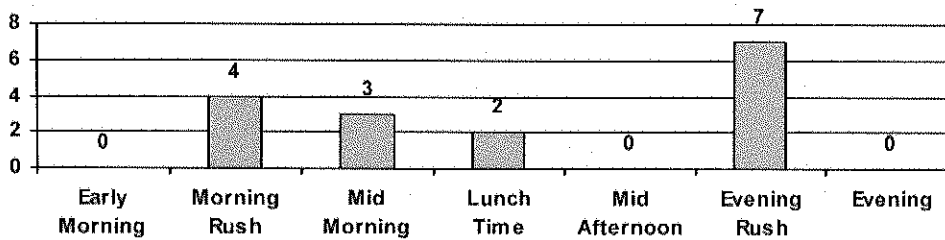
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB S Randolphville Rd @ Centennial Ave VIMS report

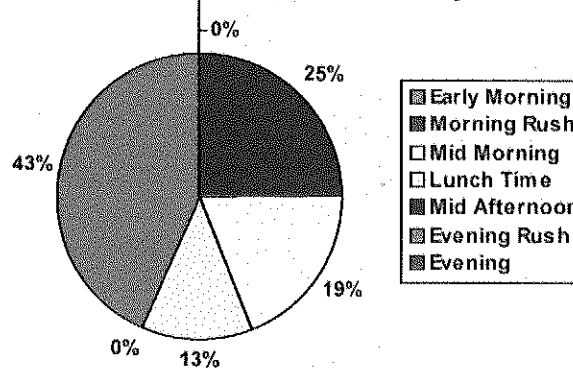
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	4	4
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	3	3
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	2	2
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	3	4	7
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>3</b>	<b>13</b>	<b>16</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	25%	25%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	19%	19%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	13%	13%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	19%	25%	44%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>19%</b>	<b>81%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ SB S Randolphville Rd @ Centennial Ave VIMS report**

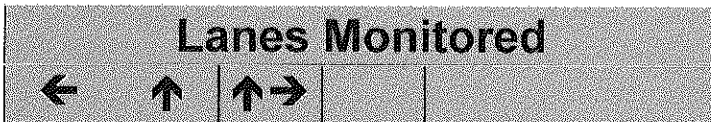
VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	S Randolphville Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	06-May-08      05-Apr-08
Installation Day of Week	Tue              Sat
Installation Time	6:59 AM        2:46 PM
De-installation Date	06-May-08      05-Apr-08
De-installation Time	11:04 AM       6:52 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

**Other notes and installation comments:**

truck stoped in right turn lane from 10:45-10:48am

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	4
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



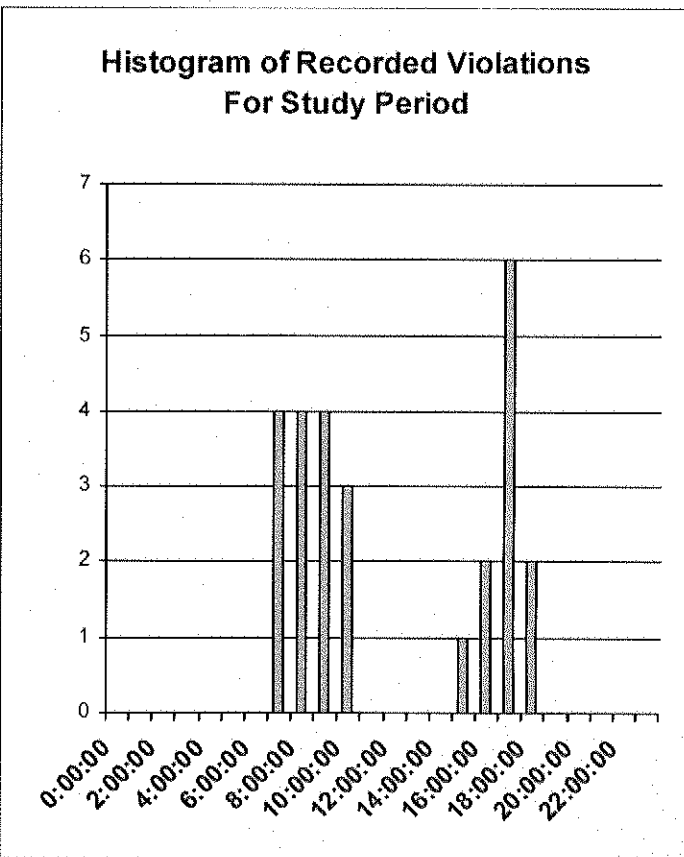
Review Details	
Review Technician Name	Manny Sanchez
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ SB S Randolphville Rd @ Centennial Ave VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	2	2	4
8:00:00	0	1	3	4
9:00:00	0	1	3	4
10:00:00	0	1	2	3
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	1	1
16:00:00	1	0	1	2
17:00:00	4	0	2	6
18:00:00	1	0	1	2
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>6</b>	<b>5</b>	<b>15</b>	<b>26</b>



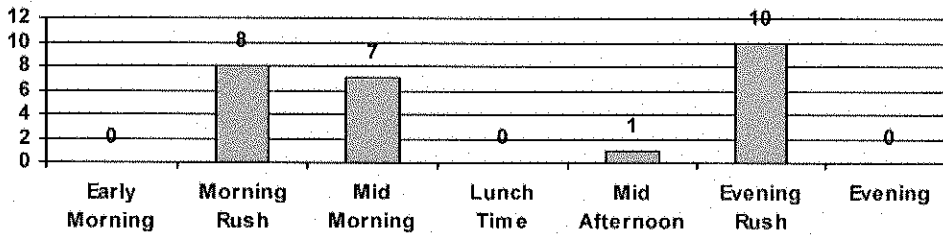
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB S Randolphville Rd @ Centennial Ave VIMS report

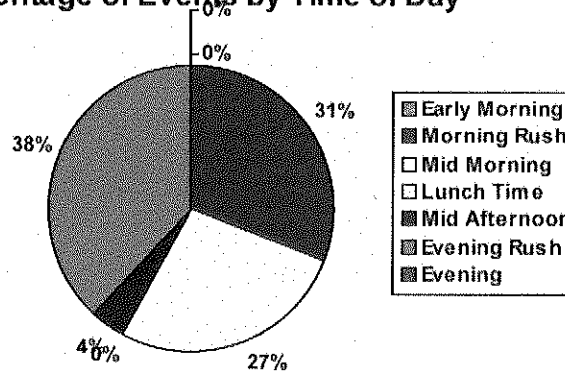
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	3	5	8
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	2	5	7
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	1	1
Evening Rush Hours -- 04:01 PM to 07:00 PM	6	0	4	10
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>6</b>	<b>5</b>	<b>15</b>	<b>26</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	12%	19%	31%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	8%	19%	27%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	4%	4%
Evening Rush Hours -- 04:01 PM to 07:00 PM	23%	0%	15%	38%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>23%</b>	<b>19%</b>	<b>58%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB S Washington Ave @ Stelton Rd VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	S Washington Ave @ Stelton Rd
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:04 AM        2:44 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:11 AM       6:50 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	YES
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	1
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

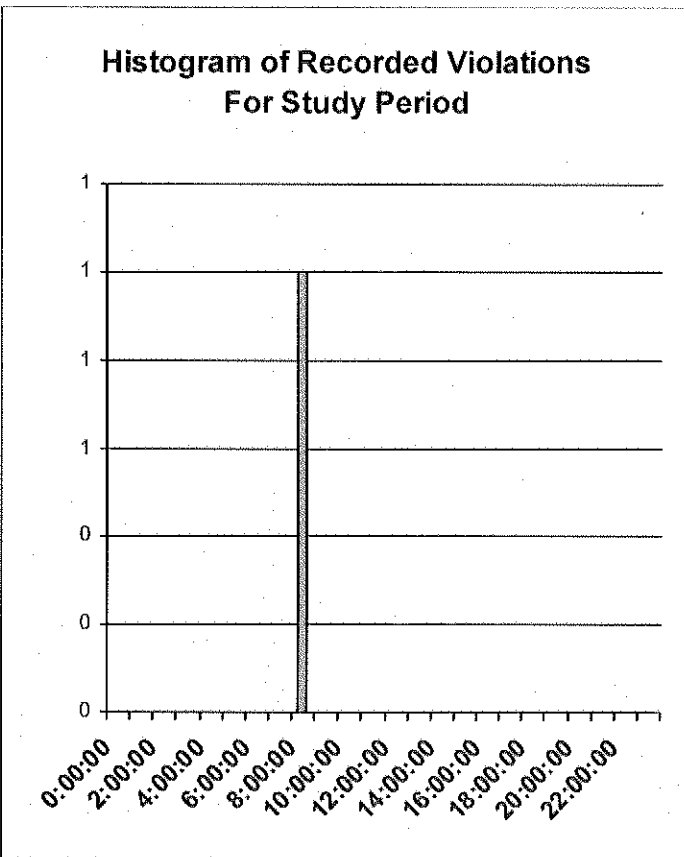
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB S Washington Ave @ Stelton Rd VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	1	0	0	1
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	0	0
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>

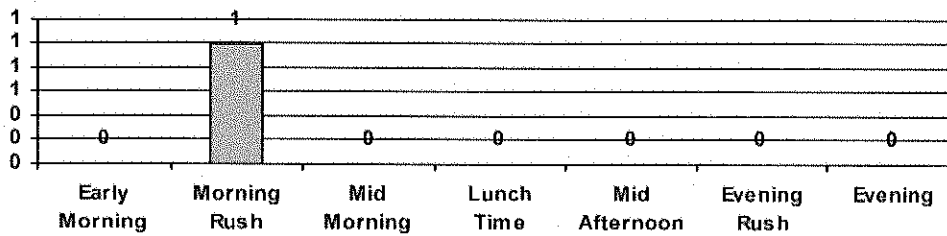




**Piscataway, NJ NB S Washington Ave @ Stelton Rd VIMS report**

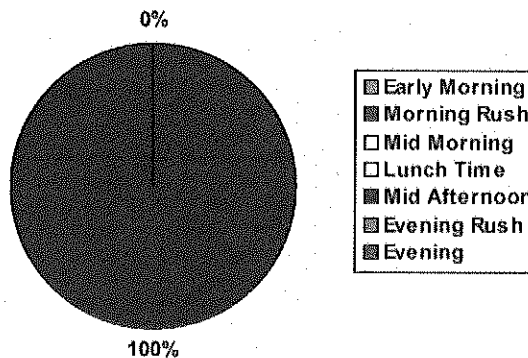
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	1	0	0	1
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	0	0
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	100%	0%	0%	100%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	0%	0%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>100%</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day





Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ Centennial Ave VIMS report**

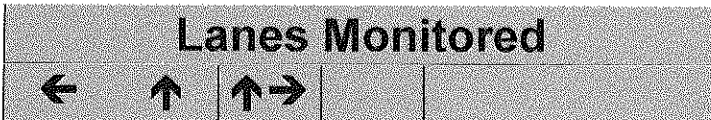
VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:48 AM        2:57 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:55 AM       7:04 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

**Other notes and installation comments:**

Light can not be seen thru a lot of the taping

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	3
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



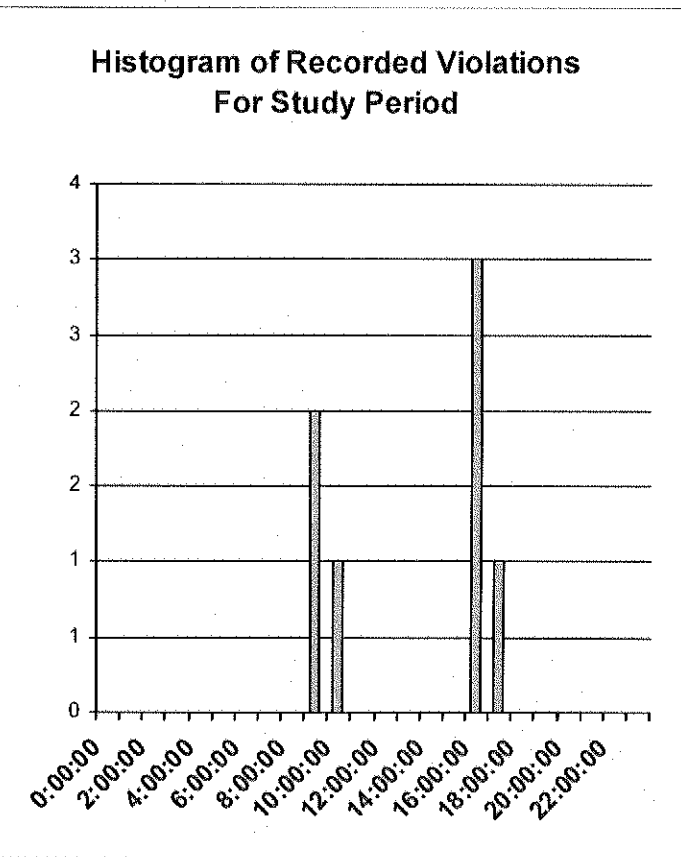
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ Centennial Ave VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	2	0	2
10:00:00	0	1	0	1
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	2	1	0	3
17:00:00	1	0	0	1
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>7</b>

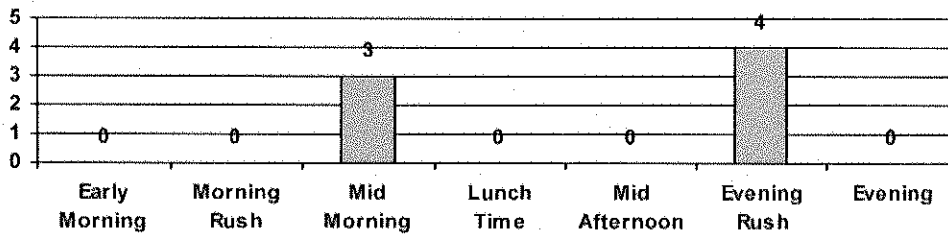




**Piscataway, NJ NB Stelton Rd @ Centennial Ave VIMS report**

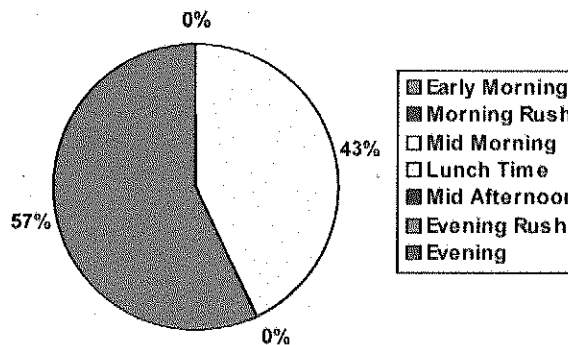
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	3	0	3
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	3	1	0	4
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>7</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	43%	0%	43%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	43%	14%	0%	57%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>43%</b>	<b>57%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



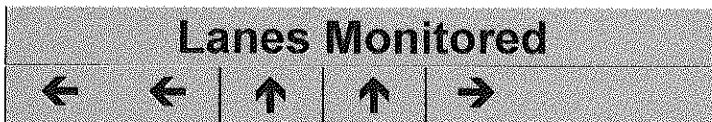
**Piscataway, NJ SB Stelton Rd @ Centennial Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Centennial Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	24-Apr-08      06-May-08
Installation Day of Week	Thu              Tue
Installation Time	6:37 AM        2:50 PM
De-installation Date	24-Apr-08      06-May-08
De-installation Time	10:43 AM      6:57 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	8
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



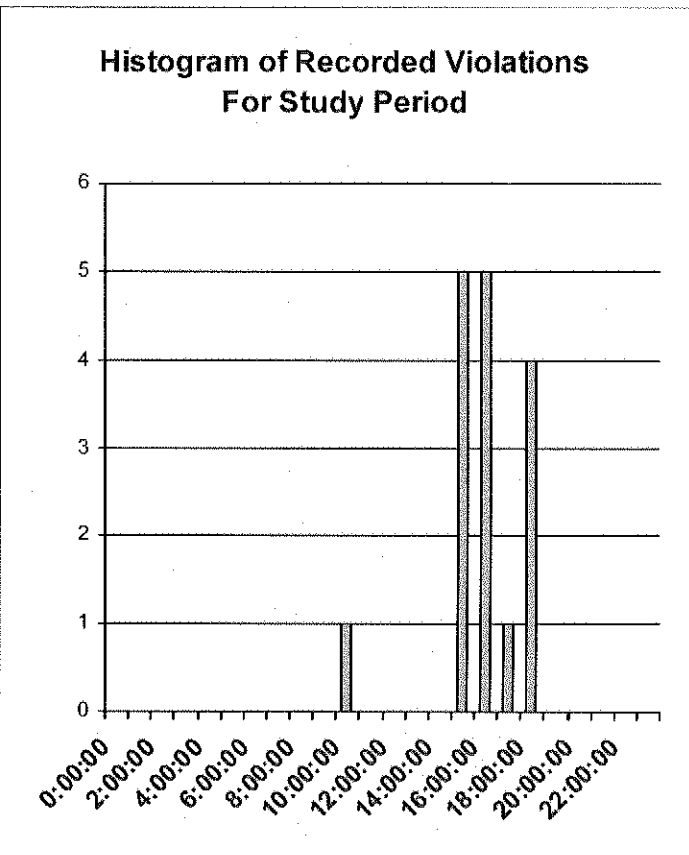
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ SB Stelton Rd @ Centennial Ave VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	1	0	1
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	3	2	5
16:00:00	1	2	2	5
17:00:00	1	0	0	1
18:00:00	2	2	0	4
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>4</b>	<b>8</b>	<b>4</b>	<b>16</b>



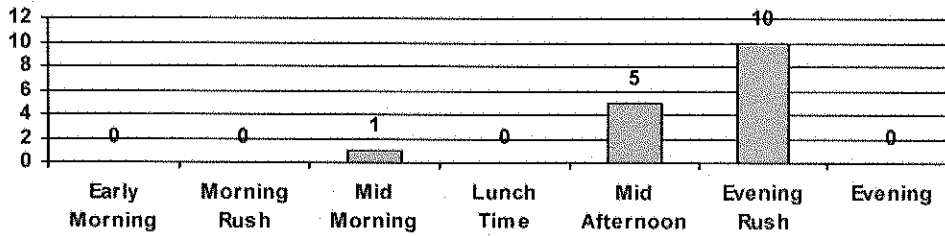
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB Stelton Rd @ Centennial Ave VIMS report

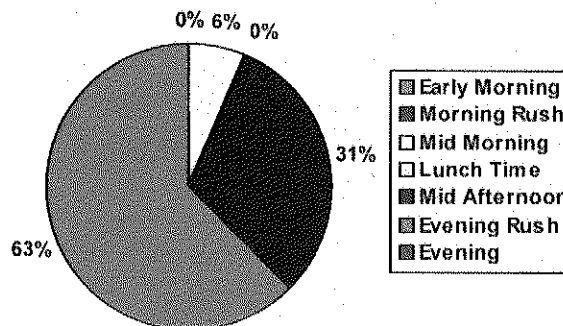
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	1	0	1
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	3	2	5
Evening Rush Hours -- 04:01 PM to 07:00 PM	4	4	2	10
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>4</b>	<b>8</b>	<b>4</b>	<b>16</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	6%	0%	6%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	19%	13%	31%
Evening Rush Hours -- 04:01 PM to 07:00 PM	25%	25%	13%	63%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>25%</b>	<b>50%</b>	<b>25%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ Ethel Rd W VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Ethel Rd W
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	09-May-08      08-May-08
Installation Day of Week	Fri                  Thu
Installation Time	6:16 AM            2:46 PM
De-installation Date	09-May-08      08-May-08
De-installation Time	10:23 AM        6:54 PM
Total Operational Hours	8.3

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	1
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

Lanes Monitored			
←	↑	→	

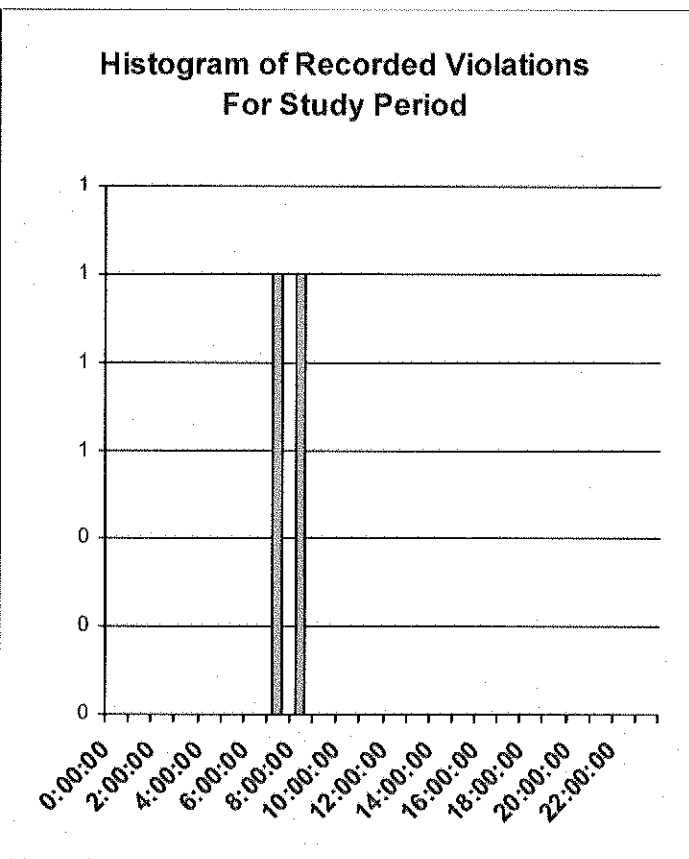
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ NB Stelton Rd @ Ethel Rd W VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	1	0	1
8:00:00	0	1	0	1
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	0	0
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>





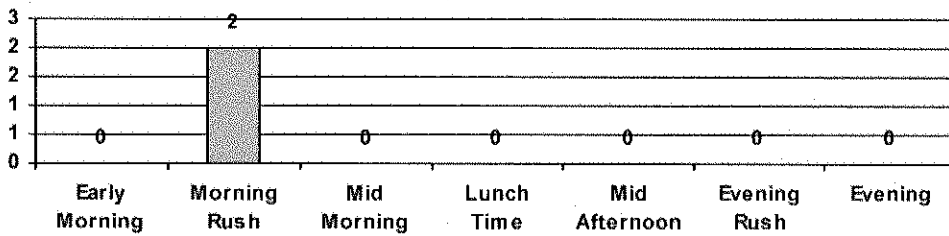
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ Ethel Rd W VIMS report**

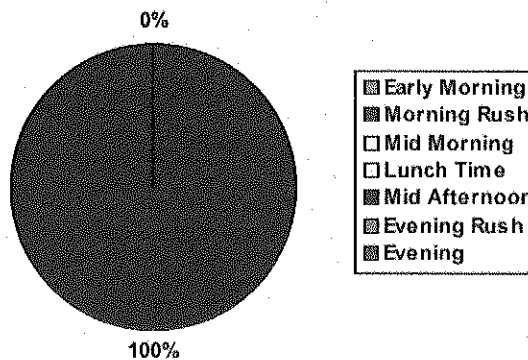
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	2	0	2
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	0	0
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	100%	0%	100%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	0%	0%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ SB Stelton Rd @ Ethel Rd W VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ Ethel Rd W
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      09-May-08
Installation Day of Week	Thu              Fri
Installation Time	3:04 PM        6:08 AM
De-installation Date	08-May-08      09-May-08
De-installation Time	7:12 PM        10:15 AM
Total Operational Hours	8.3

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	5
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

←   ↑   →

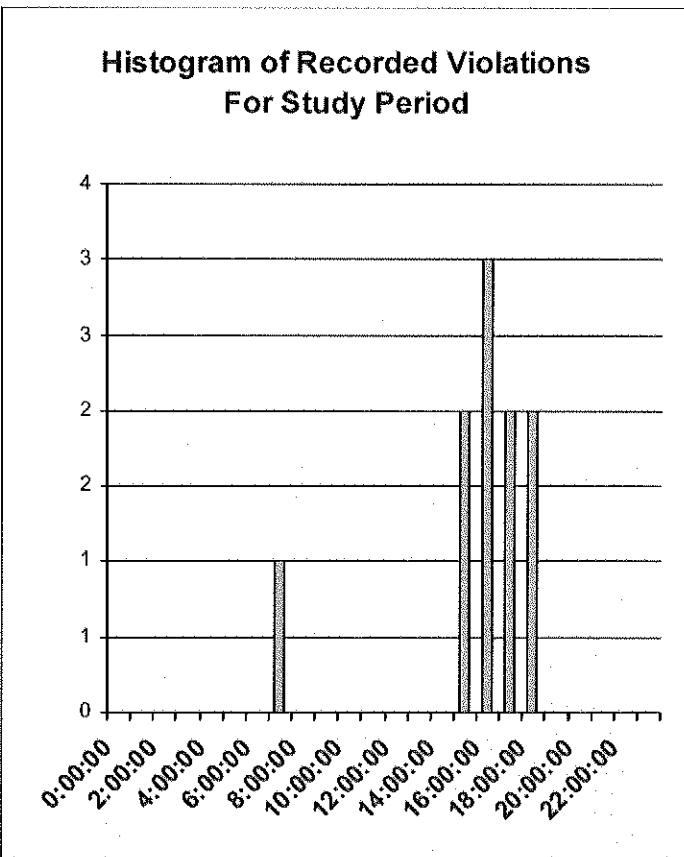
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	14-May-08
Report Sent To	
Date Sent	

Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB Stelton Rd @ Ethel Rd W VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	1	0	1
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	2	0	2
16:00:00	1	2	0	3
17:00:00	0	2	0	2
18:00:00	0	2	0	2
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>10</b>



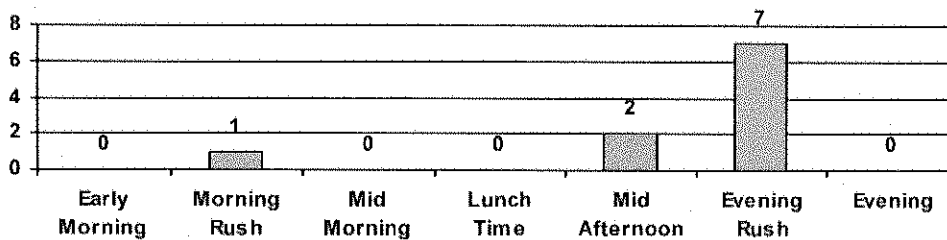
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB Stelton Rd @ Ethel Rd W VIMS report

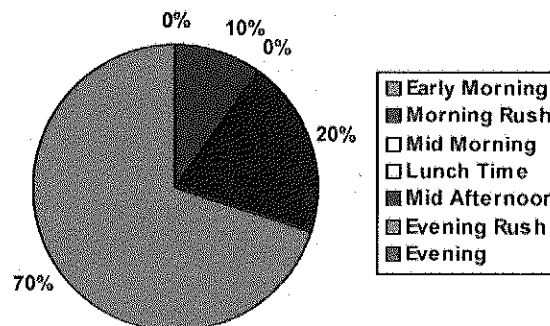
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	1	0	1
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	2	0	2
Evening Rush Hours -- 04:01 PM to 07:00 PM	1	6	0	7
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>10</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	10%	0%	10%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	20%	0%	20%
Evening Rush Hours -- 04:01 PM to 07:00 PM	10%	60%	0%	70%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>10%</b>	<b>90%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ NB Stelton Rd @ New Brunswick Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ New Brunswick Ave
Approach Direction of Traffic (NB/SB/EB/WB):	NB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:26 AM        2:31 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:33 AM       6:37 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	1
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

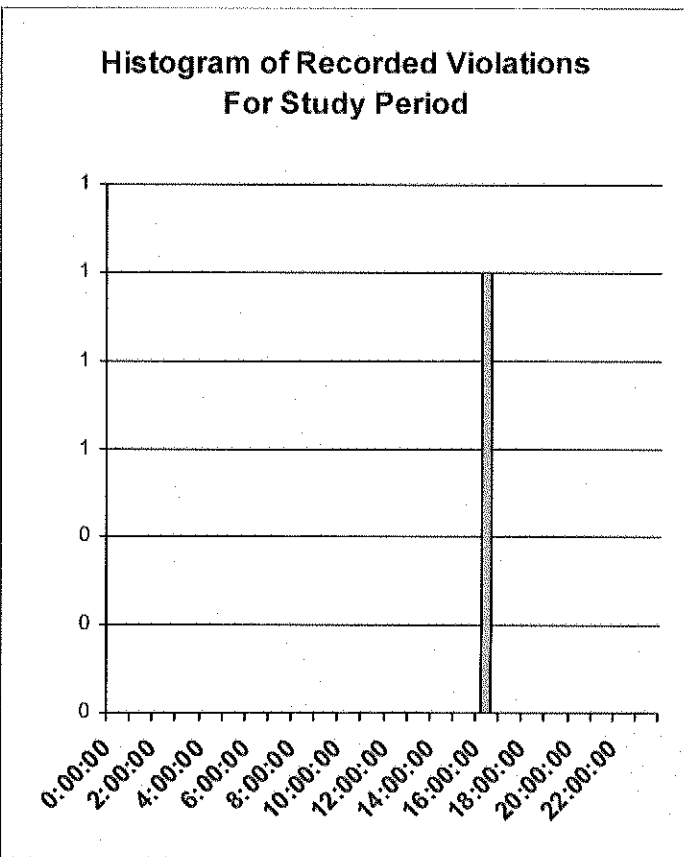
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ NB Stelton Rd @ New Brunswick Ave VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	0	0
8:00:00	0	0	0	0
9:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	1	0	1
17:00:00	0	0	0	0
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

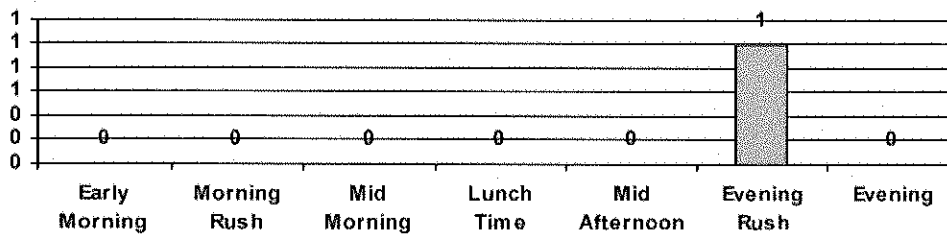




**Piscataway, NJ NB Stelton Rd @ New Brunswick Ave VIMS report**

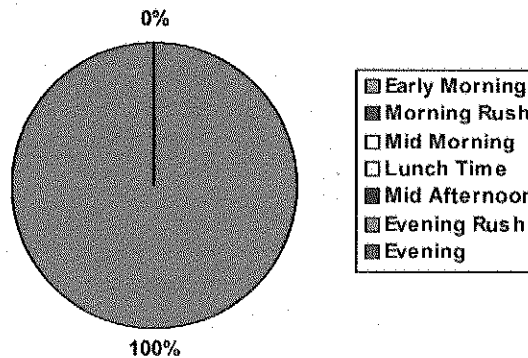
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	0	0
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	0	0
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	1	0	1
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	0%	0%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	0%	0%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	100%	0%	100%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



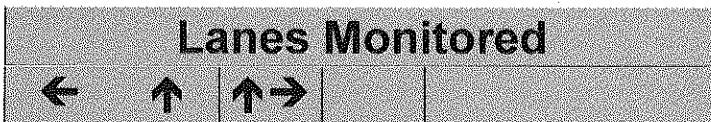
**Piscataway, NJ SB Stelton Rd @ New Brunswick Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ New Brunswick Ave
Approach Direction of Traffic (NB/SB/EB/WB):	SB
VIMS Red Phase Record Length	~
Installation Date	07-May-08      06-May-08
Installation Day of Week	Wed              Tue
Installation Time	6:35 AM        2:46 PM
De-installation Date	07-May-08      06-May-08
De-installation Time	10:42 AM       6:52 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	1
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

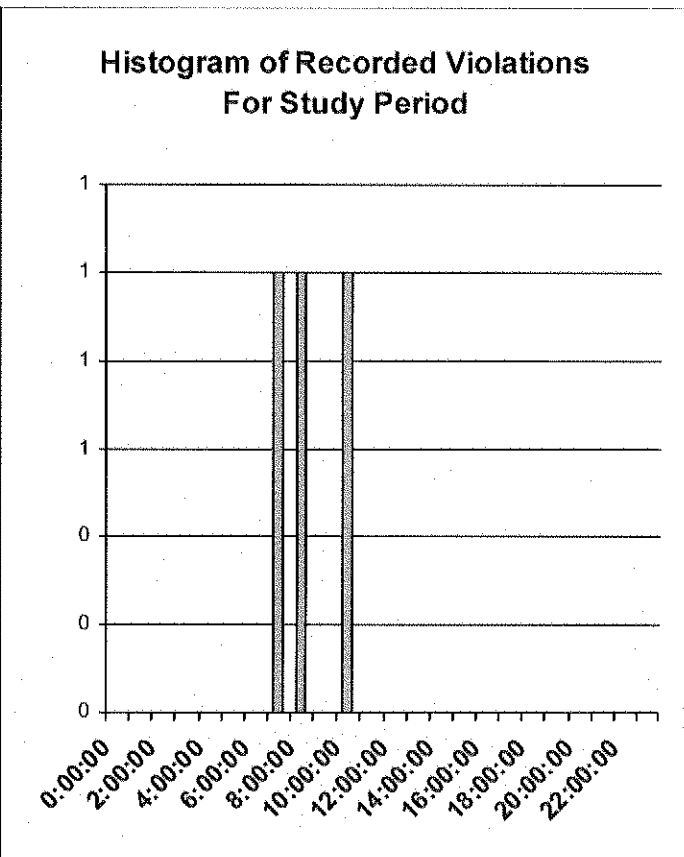


Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ SB Stelton Rd @ New Brunswick Ave VIMS report

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	0	0	0
7:00:00	0	0	1	1
8:00:00	0	0	1	1
9:00:00	0	0	0	0
10:00:00	0	0	1	1
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	0	0	0
17:00:00	0	0	0	0
18:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>



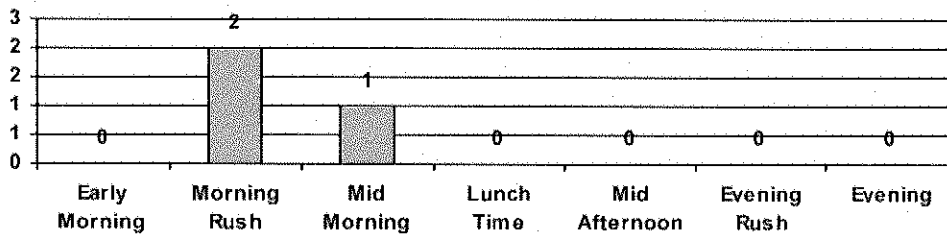
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ SB Stelton Rd @ New Brunswick Ave VIMS report**

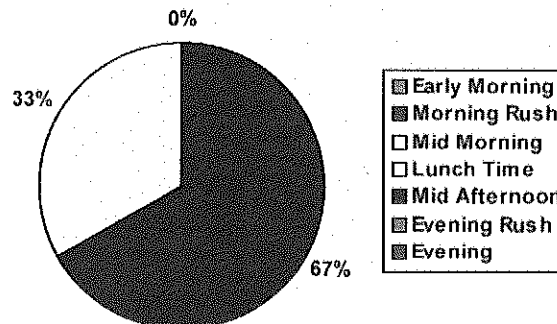
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	0	2	2
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	0	1	1
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	0	0	0
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	0%	67%	67%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	0%	33%	33%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	0%	0%	0%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



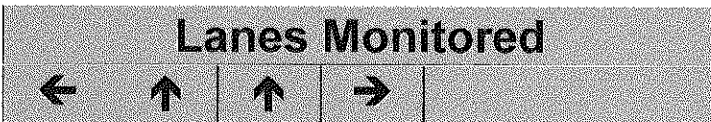
**Piscataway, NJ EB Stelton Rd @ S Washington Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ S Washington Ave
Approach Direction of Traffic (NB/SB/EB/WB):	EB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      07-May-08
Installation Day of Week	Thu              Wed
Installation Time	6:21 AM        2:43 PM
De-installation Date	08-May-08      07-May-08
De-installation Time	10:28 AM       6:50 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	NO
Green Arrow for RT?	YES
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

Other notes and installation comments:

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	6
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO



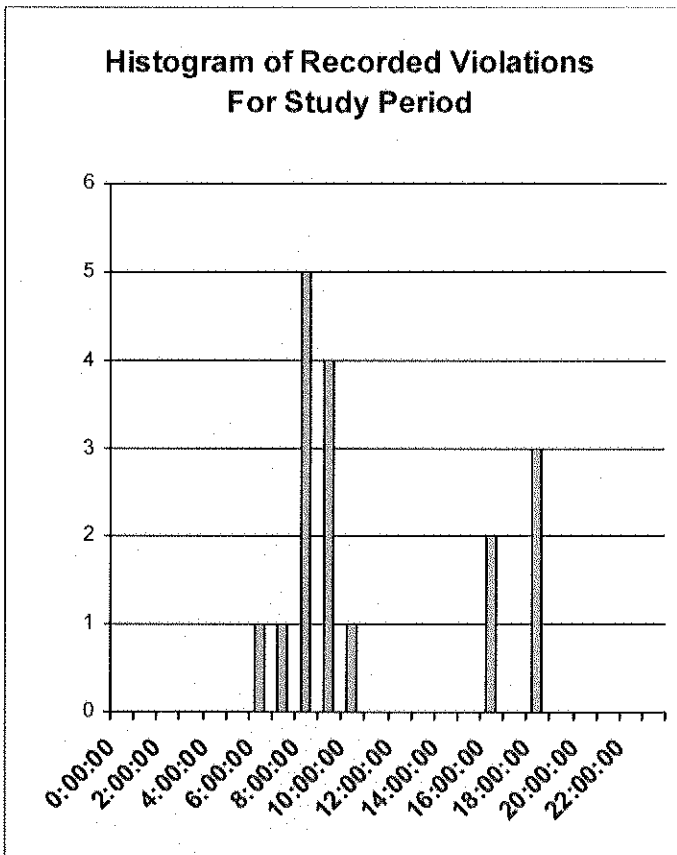
Review Details	
Review Technician Name	Mike Graffagnino
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ EB Stelton Rd @ S Washington Ave VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	0	1	0	1
7:00:00	0	1	0	1
8:00:00	0	5	0	5
9:00:00	0	4	0	4
10:00:00	0	1	0	1
11:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	0	2	0	2
17:00:00	0	0	0	0
18:00:00	0	3	0	3
19:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>17</b>



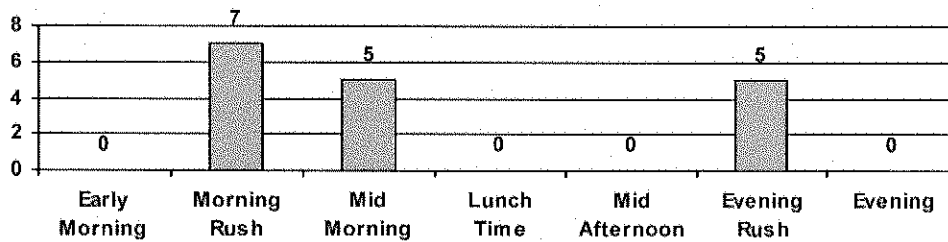
Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ EB Stelton Rd @ S Washington Ave VIMS report**

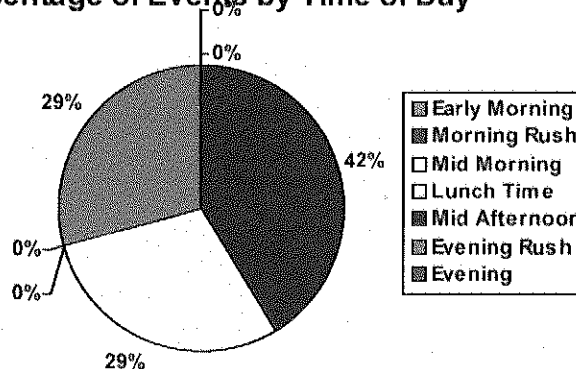
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	0	7	0	7
Mid Morning Hours -- 09:01 AM to 11:00 AM	0	5	0	5
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0	0	0	0
Evening Rush Hours -- 04:01 PM to 07:00 PM	0	5	0	5
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>17</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	0%	41%	0%	41%
Mid Morning Hours -- 09:01 AM to 11:00 AM	0%	29%	0%	29%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	0%	0%	0%	0%
Evening Rush Hours -- 04:01 PM to 07:00 PM	0%	29%	0%	29%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



Axis Violation Incident Monitoring System  
Site Data Report



**Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report**

VIMS Site Details	
VIMS Site #	
Installation Technician	Mark Peters
City / State	Piscataway / NJ
Intersection Approach Name	Stelton Rd @ S Washington Ave
Approach Direction of Traffic (NB/SB/EB/WB):	WB
VIMS Red Phase Record Length	~
Installation Date	08-May-08      07-May-08
Installation Day of Week	Thu              Wed
Installation Time	6:11 AM        2:31 PM
De-installation Date	08-May-08      07-May-08
De-installation Time	10:18 AM       6:36 PM
Total Operational Hours	8.2

Lane and Signal Details	
Green Arrow for LT?	YES
Green Arrow for RT?	NO
Right on Red Allowed?	NO
Parking Lane?	NO
Bus Lane?	NO
Bus Stop?	NO

**Other notes and installation comments:**

Some left turn violators are driving out of the lane into opposing lane to make left turn during red light

Site Observations	
Overall Site Potential: Rated 1 = Poor - 10 = Excellent	
Observed traffic braking hard on Amber? - Y/N	NO
Observed high volume of traffic? - Y/N	NO

**Lanes Monitored**

←    ↑    ↑ ↗

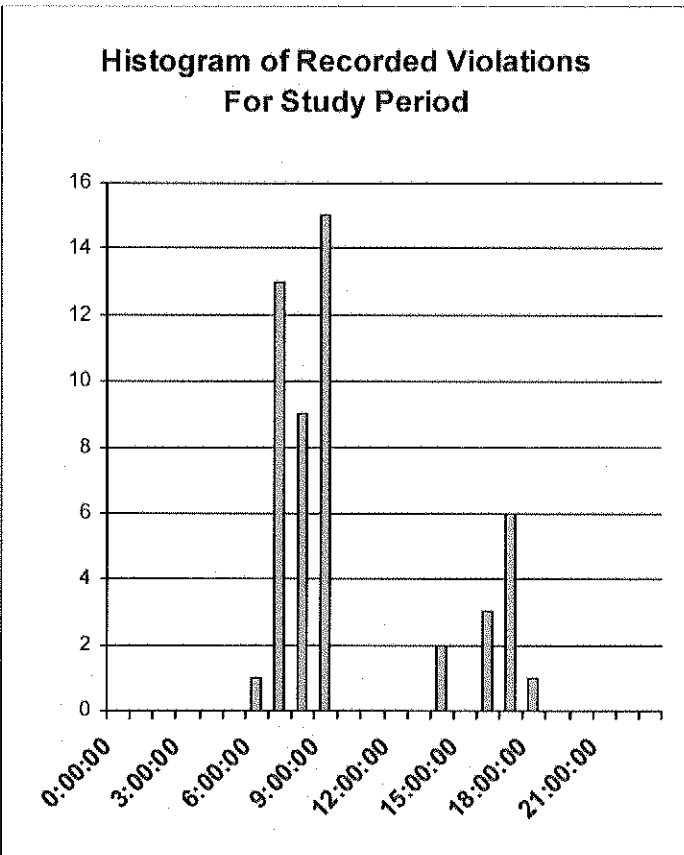
Review Details	
Review Technician Name	Francis Franzen
Date Reviewed	15-May-08
Report Sent To	
Date Sent	

**Axis Violation Incident Monitoring System  
Site Data Report**



**Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report**

Hour of Day	◀	▲	▶	Total
0:00:00	0	0	0	0
0:00:00	0	0	0	0
1:00:00	0	0	0	0
1:00:00	0	0	0	0
2:00:00	0	0	0	0
2:00:00	0	0	0	0
3:00:00	0	0	0	0
3:00:00	0	0	0	0
4:00:00	0	0	0	0
4:00:00	0	0	0	0
5:00:00	0	0	0	0
5:00:00	0	0	0	0
6:00:00	1	0	0	1
6:00:00	0	0	0	0
7:00:00	9	4	0	13
7:00:00	0	0	0	0
8:00:00	0	0	0	0
8:00:00	8	1	0	9
9:00:00	14	1	0	15
9:00:00	0	0	0	0
10:00:00	0	0	0	0
10:00:00	0	0	0	0
11:00:00	0	0	0	0
11:00:00	0	0	0	0
12:00:00	0	0	0	0
12:00:00	0	0	0	0
13:00:00	0	0	0	0
13:00:00	0	0	0	0
14:00:00	1	1	0	2
14:00:00	0	0	0	0
15:00:00	0	0	0	0
15:00:00	0	0	0	0
16:00:00	3	0	0	3
16:00:00	0	0	0	0
17:00:00	3	3	0	6
17:00:00	0	0	0	0
18:00:00	1	0	0	1
18:00:00	0	0	0	0
19:00:00	0	0	0	0
19:00:00	0	0	0	0
20:00:00	0	0	0	0
20:00:00	0	0	0	0
21:00:00	0	0	0	0
21:00:00	0	0	0	0
22:00:00	0	0	0	0
22:00:00	0	0	0	0
23:00:00	0	0	0	0
23:00:00	0	0	0	0
<b>Total</b>	<b>40</b>	<b>10</b>	<b>0</b>	<b>50</b>



Axis Violation Incident Monitoring System  
Site Data Report



*Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report*



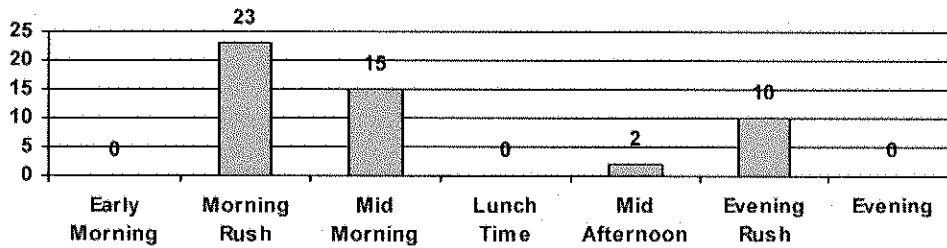
Axis Violation Incident Monitoring System  
Site Data Report



Piscataway, NJ WB Stelton Rd @ S Washington Ave VIMS report

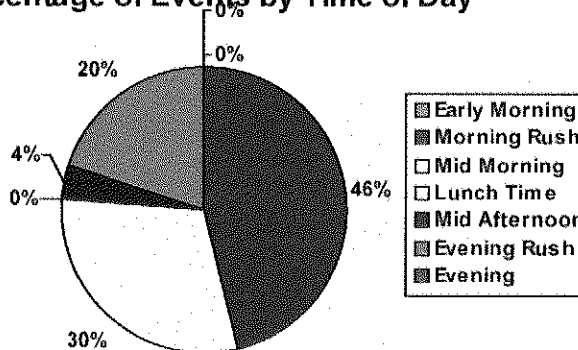
Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0	0	0	0
Morning Rush Hours -- 06:01 AM to 09:00 AM	18	5	0	23
Mid Morning Hours -- 09:01 AM to 11:00 AM	14	1	0	15
Lunch Time Hours -- 11:01 AM to 02:00 PM	0	0	0	0
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	1	1	0	2
Evening Rush Hours -- 04:01 PM to 07:00 PM	7	3	0	10
Evening Hours -- 07:01 PM to 11:59 PM	0	0	0	0
<b>Total</b>	<b>40</b>	<b>10</b>	<b>0</b>	<b>50</b>

VIMS\_hour\_group



Total Events by Hours of Day	◀	▲	▶	Total
Early Morning Hours -- 00:00 AM to 06:00 AM	0%	0%	0%	0%
Morning Rush Hours -- 06:01 AM to 09:00 AM	36%	10%	0%	46%
Mid Morning Hours -- 09:01 AM to 11:00 AM	28%	2%	0%	30%
Lunch Time Hours -- 11:01 AM to 02:00 PM	0%	0%	0%	0%
Mid Afternoon Hours -- 02:01 PM to 04:00 PM	2%	2%	0%	4%
Evening Rush Hours -- 04:01 PM to 07:00 PM	14%	6%	0%	20%
Evening Hours -- 07:01 PM to 11:59 PM	0%	0%	0%	0%
<b>Total</b>	<b>80%</b>	<b>20%</b>	<b>0%</b>	<b>100%</b>

Percentage of Events by Time of Day



**Be it Resolved,** By the Township Council of Piscataway  
Township, New Jersey that:

(SEAL)

AN ORDINANCE ENTITLED:

ORDINANCE TO AMEND AND SUPPLEMENT THE REVISED  
GENERAL ORDINANCES OF THE TOWNSHIP OF PISCATAWAY,  
COUNTY OF MIDDLESEX, STATE OF NEW JERSEY,  
AMENDING CHAPTER XI, SECTION 22, SCHEDULE XVII

be and is hereby adopted on the first reading, that it be published in the Courier News on  
the 21st of February 2009, and that a second reading and public hearing be held at 8:00  
p.m., prevailing time at the Piscataway Municipal Building, 455 Hoes Lane, Piscataway,  
New Jersey on the 3<sup>rd</sup> day of March 2009.

BE IT FURTHER RESOLVED that a copy of this Ordinance shall be posted in at least  
two public places within the Township prior to the day of the second reading and final  
passage, and a copy of this Ordinance shall be made available at the Office of the  
Township Clerk for any interested member of the public.

MOTION MADE BY: **Mrs. Cahill**                      SECONDED BY:    **Mr. Cahn**  
PASSED ON THE FOLLOWING VOTE:

YEAS:        **Messrs. Cahill, Cahn, Keimel, Lombardi, & Griffith.**

NAYS:        **Mr. Hardenburg.**

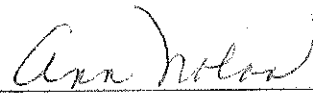


Clerk of Piscataway Township  
**ANN NOLAN**



President of Township Council  
**MICHAEL GRIFFITH**

I certify the foregoing to be a true and correct abstract of a resolution regularly passed at a meeting of the  
Township Council of Piscataway held on February 17, 2009, and in  
that respect is true and correct copy of its minutes.



Clerk of the Township of Piscataway  
**ANN NOLAN**

*Copies  
Admin  
Robert  
Tally*

ORDINANCE NO. 09-

**ORDINANCE TO AMEND AND SUPPLEMENT  
THE REVISED GENERAL ORDINANCES OF THE  
TOWNSHIP OF PISCATAWAY, COUNTY OF MIDDLESEX,  
STATE OF NEW JERSEY,  
AMENDING CHAPTER XI, SECTION 22, SCHEDULE XVII.**

**BE IT ORDAINED** by the Township Council of the Township of Piscataway, County of Middlesex, State of New Jersey, that Chapter XI, amended as follows:

*SCHEDULE XVII*

**TRAFFIC CONTROL SIGNAL MONITORING**

In accordance with the provision of Subsection 11-1, the following locations shall utilize a traffic control signal monitoring system:

*Intersection*


South Randolphville Road and Centennial Avenue

Centennial Avenue and Old New Brunswick Road

Ethel Road and Stelton Road

Stelton Road and Washington Avenue

This Ordinance shall take effect twenty (20) days after the first publication thereof, by summary, after final passage in the manner provided by law.

  
\_\_\_\_\_  
MICHAEL GRIFFITH, Council President

Attest:

  
\_\_\_\_\_  
ANN NOLAN, Township Clerk

Adopted, First Reading: February 17, 2009.

Publication Date: \_\_\_\_\_

Adopted, Second Reading: \_\_\_\_\_

Publication Date: \_\_\_\_\_

HON. BRIAN C. WAHLER, Mayor

Date: \_\_\_\_\_

**CERTIFIED AS TO FORM AND LEGALITY:**

JAMES F. CLARKIN III, ESQ., Director of Law

**STATEMENT OF PURPOSE**

The purpose and intent of this Ordinance is to amend the locations within the Township of Piscataway which will utilize a traffic control signal monitoring system to include the intersection of Ethel Road and Stelton Road; and the intersection of Stelton Road and Washington Avenue.

**Be it Resolved,** By the Township Council of Piscataway  
Township, New Jersey that:

(SEAL)

AN ORDINANCE ENTITLED:

ORDINANCE TO AMEND AND SUPPLEMENT THE REVISED  
GENERAL ORDINANCES OF THE TOWNSHIP OF PISCATAWAY,  
COUNTY OF MIDDLESEX, STATE OF NEW JERSEY,  
AMENDING CHAPTER XI, SECTION 22, SCHEDULE XVII

was introduced on the 17<sup>th</sup> day of February 2009 and had passed the first reading and was  
published in the Courier News on the 21st day of February 2009.

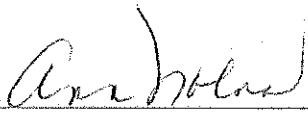
NOW, THEREFORE, BE IT RESOLVED, that the aforesaid Ordinance, having had a  
second reading on March 3, 2009, be adopted, passed, and after passage, be published,  
together with a notice of the date of passage or approval, in the Courier News on March  
7, 2009.

BE IT FURTHER RESOLVED that this Ordinance shall be assigned No. 09-07.

MOTION MADE BY: **Mr. Cahn**                      SECONDED BY: **Mrs. Keimel**

PASSED ON THE FOLLOWING VOTE:  
YEAS **Messrs. Armwood, Cahill, Cahn, Keimel, Lombardi, & Griffith.**

NAYS: **Mr. Hardenburg.**



Clerk of Piscataway Township

**ANN NOLAN**

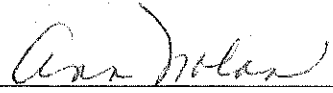


President of Township Council

**MICHAEL GRIFFITH**

I certify the foregoing to be a true and correct abstract of a resolution regularly passed at a meeting of the  
Township Council of Piscataway held on March 3, 2009, and in  
that respect is true and correct copy of its minutes.

*Copies  
to  
Police  
Tally*



Clerk of the Township of Piscataway

**ANN NOLAN**

ORDINANCE NO. 09-07.

PISCATAWAY TOWNSHIP  
PISCATAWAY, N.J.  
ADOPTION OF ORDINANCE  
ON FIRST READING

FEBRUARY 17, 2009

AN ORDINANCE ENTITLED:  
ORDINANCE TO AMEND  
AND SUPPLEMENT THE  
REVISED GENERAL  
ORDINANCES OF THE  
TOWNSHIP OF PISCAT-  
AWAY, COUNTY OF  
MIDDLESEX, STATE OF  
NEW JERSEY, AMENDING  
CHAPTER XI, SECTION 22,  
SCHEDULE XVII be and is  
hereby adopted on the first  
reading, and a second  
reading and public hearing be  
held at 8:00 P.M., prevailing  
time, in the Piscataway  
Township Municipal Building  
455 Hoes Lane, Piscataway,  
New Jersey, on the 3rd day of  
March 2009 and copies of this  
Ordinance shall be posted in  
at least two (2) public places  
within the Township prior to  
the date for second reading  
and final passage and copies  
of this said Ordinance shall be  
available at the Office of the  
Township Clerk for any inter-  
ested members of the public.

ANN NOLAN, Township Clerk

ORDINANCE NO. 09-

ORDINANCE TO AMEND  
AND SUPPLEMENT  
THE REVISED GENERAL  
ORDINANCES OF THE  
TOWNSHIP OF  
PISCATAWAY, COUNTY OF  
MIDDLESEX,  
STATE OF NEW JERSEY,  
AMENDING CHAPTER XI,  
SECTION 22, SCHEDULE  
XVII.

BE IT ORDAINED by the  
Township Council of the  
Township of Piscataway,  
County of Middlesex, State of  
New Jersey, that Chapter XI,  
amended as follows:

SCHEDULE XVII

TRAFFIC CONTROL SIGNAL  
MONITORING

In accordance with the provi-  
sion of Subsection 11-1, the  
following locations shall utilize  
a traffic control signal monitor-  
ing system:

Intersection

South Randolphville Road  
and Centennial Avenue

Centennial Avenue and Old  
New Brunswick Road

Ethel Road and Stelton Road

Stelton Road and Washington  
Avenue

This Ordinance shall take  
effect twenty (20) days after  
the first publication thereof, by  
summary, after final passage  
in the manner provided by  
law.

MICHAEL GRIFFITH,  
Council President  
Attest:

ANN NOLAN, Township Clerk

Adopted, First  
Reading:  
Publication Date:

Adopted, Second Reading:  
Publication Date:

HON. BRIAN C. WAHLER,  
Mayor  
Date:

CERTIFIED AS TO FORM  
AND LEGALITY:

JAMES F. CLARKIN III,  
ESQ., Director of Law

STATEMENT OF PURPOSE  
The purpose and intent of this  
Ordinance is to amend the lo-  
cations within the Township of  
Piscataway which will utilize a  
traffic control signal monitor-  
ing system to include the in-  
tersection of Ethel Road and  
Stelton Road; and the inter-  
section of Stelton Road and  
Washington Avenue.  
(\$55.44) 910374

**Scott Iannuzzo**

---

**From:** Scott Iannuzzo  
**Sent:** Thursday, August 07, 2008 10:14 AM  
**To:** 'RLR@dot.state.nj.us'  
**Cc:** Scott Iannuzzo  
**Subject:** Piscataway Twp RLR Application Status

To Whom It May Concern:

Piscataway Township submitted a RLR Automated Enforcement Intersection Request application on July 16, 2008. I am checking to confirm that you have received the application and would like to know the status of our request.

Thank you.

Respectfully,  
Lt. Scott Iannuzzo  
Piscataway Police Traffic Safety  
732-562-2345



**MEMO**

*From the Desk of:*

*John M. Donnelly,*

*Director of Community Development &*

**TO:** *Lt. Scott Iannuzzo*

**DATE:** *August 5, 2008*

**RE:** *Application for Red Light Running Automated Enforcement*

*Enclosed please find Mr. Carley's certifications for the intersections contained in the application submitted to the N.J.D.O.T.*

A handwritten signature in black ink, appearing to be "John M. Donnelly", is written in a cursive style.

**JMD:bd**

**Enclosure**



DELAWARE-RARITAN ENGINEERING, INC.  
200 DANIELS WAY - SUITE 230  
FREEHOLD, NJ 07728  
T(732) 577 - 5547  
F(732) 577 - 5548

FACSIMILE TRANSMITTAL SHEET

TO: Barbara Donnelly	FROM: Charles Carley, PE, PP, CME
COMPANY: Piscataway Twp Dept of Comm Dev	DATE: 8/1/2008
FAX NUMBER: 732-743-2525	TOTAL NO. OF PAGES INCLUDING COVER: 8
PHONE NUMBER: 732-562-6560	SENDER'S REFERENCE NUMBER: 2007-413
RE: NJDOT RLRAE Application Certifications	YOUR REFERENCE NUMBER: -

- URGENT   
 FOR REVIEW   
 PLEASE COMMENT   
 PLEASE REPLY   
 PLEASE RECYCLE

NOTES/COMMENTS:

Dear Ms. Donnelly:

Attached please find Certifications for each of the intersections that are subject of Piscataway's NJDOT RLRAE Application.

Because each intersection has distinct characteristics (posted speed limit, signal phasing durations, geometry), it seems to make for clearer certification if each has its own write-up.

Thank you,

Charlie.

PLEASE REPORT TRANSMISSION ERRORS

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Stelton Road (CR529) with Centennial Avenue  
Piscataway Township, Middlesex County, NJ

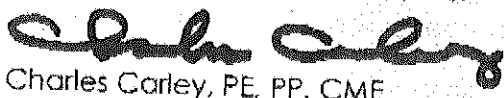
In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 4.0 seconds. As each leg of the intersection has a posted speed of 40 mph, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,

DELAWARE-RARITAN ENGINEERING, INC.



Charles Carley, PE, PP, CME

JCC

cc: John M. Donnelly, Piscataway Township Director of Community Development

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Stelton Road (CR529) with South Washington Avenue (CR665)  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 4.0 seconds. As each leg of the intersection has a posted speed of 40 mph, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/cc  
cc: John M. Donnelly, Piscataway Township Director of Community Development

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

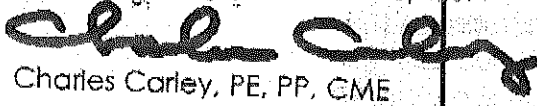
Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Stelton Road (CR529) with New Brunswick Avenue  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 4.0 seconds. The posted speed limit of Stelton Road here is 40 mph. The northbound approach of New Brunswick Avenue to the intersection has a posted speed of 25 mph while the southbound approach has a posted speed limit of 35 mph. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/CC

cc: John M. Donnelly, Piscataway Township Director of Community Development

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

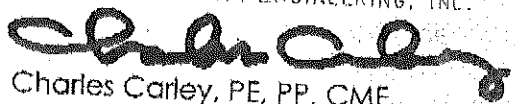
Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Stelton Road (CR529) with Ethel Road  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 5.0 seconds. Stelton Road has a posted speed limit of 45 mph here. The westbound approach of Ethel Road to the intersection has a posted speed of 25 mph and the eastbound approach has a posted speed limit of 35 mph. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/cc  
cc: John M. Donnelly, Piscataway Township Director of Community Development

**ORDINANCE NO. 09-14.**

**ORDINANCE TO AMEND AND SUPPLEMENT  
THE REVISED GENERAL ORDINANCES OF THE  
TOWNSHIP OF PISCATAWAY, COUNTY OF MIDDLESEX,  
STATE OF NEW JERSEY,  
AMENDING CHAPTER XI, SECTION 22, SCHEDULE XVII.**

**BE IT ORDAINED** by the Township Council of the Township of Piscataway, County of Middlesex, State of New Jersey, that Chapter XI, amended as follows:

*SCHEDULE XVII*

**TRAFFIC CONTROL SIGNAL MONITORING**

In accordance with the provision of Subsection 11-1, the following locations shall utilize a traffic control signal monitoring system:

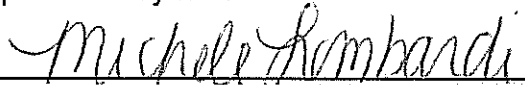
*Intersection*

\* \* \*

Stelton Road and Centennial Avenue

New Brunswick Avenue and Stelton Road

This Ordinance shall take effect twenty (20) days after the first publication thereof, by summary, after final passage in the manner provided by law.



**MICHELE LOMBARDI  
Council Vice-President**

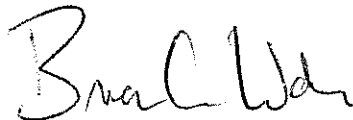
**Attest:**



**ANN NOLAN, Township Clerk**

Adopted, First Reading: March 24, 2009.  
Publication Date: March 28, 2009.

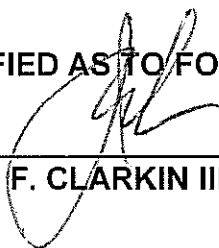
Adopted, Second Reading: April 7, 2009.  
Publication Date: April 11, 2009.



\_\_\_\_\_  
HON. BRIAN C. WAHLER, Mayor

Date: 4-11-09

CERTIFIED AS TO FORM AND LEGALITY:



\_\_\_\_\_  
JAMES F. CLARKIN III, ESQ., Director of Law

**STATEMENT OF PURPOSE**

The purpose and intent of this Ordinance is to amend the locations within the Township of Piscataway which will utilize a traffic control signal monitoring system to include the intersection of Stelton Road and Centennial Avenue; and the intersection of New Brunswick Avenue and Stelton Road.

**ORDINANCE NO. 09-14.**

**ORDINANCE TO AMEND AND SUPPLEMENT  
THE REVISED GENERAL ORDINANCES OF THE  
TOWNSHIP OF PISCATAWAY, COUNTY OF MIDDLESEX,  
STATE OF NEW JERSEY,  
AMENDING CHAPTER XI, SECTION 22, SCHEDULE XVII.**

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*SCHEDULE XVII*

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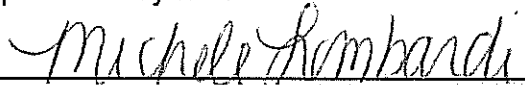
*Intersection*

\* \* \*

Stelton Road and Centennial Avenue

New Brunswick Avenue and Stelton Road

This Ordinance shall take effect twenty (20) days after the first publication thereof, by summary, after final passage in the manner provided by law.



**MICHELE LOMBARDI  
Council Vice-President**

**Attest:**

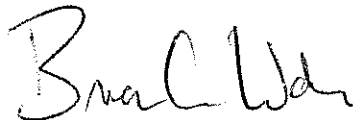


**ANN NOLAN, Township Clerk**



Adopted, First Reading: March 24, 2009.  
Publication Date: March 28, 2009.

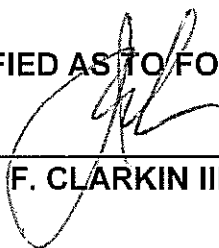
Adopted, Second Reading: April 7, 2009.  
Publication Date: April 11, 2009.



\_\_\_\_\_  
HON. BRIAN C. WAHLER, Mayor

Date: 4-11-09

CERTIFIED AS TO FORM AND LEGALITY:



\_\_\_\_\_  
JAMES F. CLARKIN III, ESQ., Director of Law

**STATEMENT OF PURPOSE**

The purpose and intent of this Ordinance is to amend the locations within the Township of Piscataway which will utilize a traffic control signal monitoring system to include the intersection of Stelton Road and Centennial Avenue; and the intersection of New Brunswick Avenue and Stelton Road.

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of South Randolphville Road with Centennial Avenue  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 5.0 seconds. South Randolphville has a posted speed limit of 40 mph here. The westbound approach of Centennial Avenue to the intersection has a posted speed of 40 mph and the eastbound approach has a posted speed limit of 45 mph. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/cc

cc: John M. Donnelly, Piscataway Township Director of Community Development

D & R

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of Old New Brunswick Road / Hoes Lane with Centennial Avenue  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 5.0 seconds. Old New Brunswick Road and Hoes Lane have posted speed limits of 40 mph here. Both legs of Centennial Avenue at the intersection have a posted speed limit of 45 mph. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,

DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/cc

cc: John M. Donnelly, Piscataway Township Director of Community Development

**D & R**

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T 732/577-5547  
F 732/577-5548

Thursday, July 31, 2008

New Jersey Department of Transportation  
1035 Parkway Avenue  
Trenton, New Jersey 08625

Attn: Division of Traffic Engineering and Safety

Re: Attachment C - Application for Red Light Running Automated Enforcement  
Intersection of South Washington Avenue (CR665) with Centennial Avenue  
Piscataway Township, Middlesex County, NJ

In the capacity of Piscataway Township's municipal engineer, I have reviewed the traffic signal plan and inspected the subject intersection.

Please accept this letter as certification that the amber phase for each leg of the signalized intersection has duration in excess of 4.0 seconds. Both South Washington and Centennial Avenues have a posted speed limit of 40 mph here. As such, the existing amber phase duration is consistent with the requirements of the Signal Timing Certification found on page 3 of NJDOT's Application for Red Light Running Automated Enforcement.

If you require additional information in this regard, please do not hesitate to contact this office.

Very truly yours,  
DELAWARE-RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

/cc

cc: John M. Donnelly, Piscataway Township Director of Community Development

DELAWARE - RARITAN ENGINEERING, INC.  
200 DANIELS WAY, SUITE 230  
FREEHOLD, NJ 07728  
T (732) 577-5547  
F (732) 577-5548

Thursday, January 26, 2012

Police Department - Traffic Division  
Township of Piscataway  
555 Sidney Road  
Piscataway, NJ 08854

Attn.: Lieutenant Scott Ianuzzo

Re: Amber Phase - Various Intersections  
Township of Piscataway

Dear Lieutenant Ianuzzo:

This letter follows our discussion of the subject matter. The issue, as I understand it, concerns the amber phase duration for dedicated left turn movements at various Centennial Avenue intersections.

As we discussed, my 2008 certifications for the minimum duration requirement for straight/through movements corresponds to the posted speed limits of the respective intersecting roadways at the various signals. My 2008 certifications did not provide analysis of dedicated left-turn signal phases.


It is my opinion that the minimum duration for amber phases at left-turn signals should be 3.0 seconds. This opinion is based upon my reading of the NJDOT-promulgated *Application for Red Light Running Automated Enforcement* and the enabling legislation, which states that "the intersection or intersections in question have a minimum duration of the amber light at the traffic control signal of three seconds if at least 85 percent of the vehicular traffic approaching the signal is traveling at a speed of 25 miles per hour or less; and (b) for each five mile increase in the speed of vehicular traffic referred to in subparagraph (a) of this paragraph above 30 miles per hour this minimum duration of the amber light shall be increased by one-half second."

Because most vehicles in the left-turn only lanes are beginning motion when the green phase allows and/or are decelerating through the intersection (if they encounter an already-green phase) in order to accomplish their turning movement, it is very likely that the 85<sup>th</sup> percentile speed of vehicles turning left at these signalized intersections is less than 25 mph. Using American Association of State Highway & Transportation Officials' *A Policy on Geometric Design of Highways and Streets - 2004* (AASHTO "Green Book") methodology expressed by the equation  $R = V^2 \div [k(e + f)]$ , where R = turning radius, V = velocity, k(e+f) are functions of roadway construction; the maximum velocity of passenger vehicles through these intersections will not, in most cases, exceed 20 mph. Therefore, the left-turn amber phase duration should be at least 3.0 seconds.

In some cases, the minimum 3.0 seconds amber phase duration for left-turn movements will be shorter than required amber phase durations for straight / through movements at the same intersection. I am still seeking to determine whether there is requirement to correlate minimum amber phases for all movements through an intersection.

If you have any questions in this regard, please do not hesitate to contact me directly.

Very truly yours,  
DELAWARE - RARITAN ENGINEERING, INC.

  
Charles Carley, PE, PP, CME

cc: Hon. Brian Wahler, Mayor  
Chief Rick Ivone, PTPD  
James Clarkin, III, Esq.

**ORDINANCE NO. 09-14.**

**ORDINANCE TO AMEND AND SUPPLEMENT  
THE REVISED GENERAL ORDINANCES OF THE  
TOWNSHIP OF PISCATAWAY, COUNTY OF MIDDLESEX,  
STATE OF NEW JERSEY,  
AMENDING CHAPTER XI, SECTION 22, SCHEDULE XVII.**

**BE IT ORDAINED** by the Township Council of the Township of Piscataway, County of Middlesex, State of New Jersey, that Chapter XI, amended as follows:

*SCHEDULE XVII*

**TRAFFIC CONTROL SIGNAL MONITORING**

In accordance with the provision of Subsection 11-1, the following locations shall utilize a traffic control signal monitoring system:

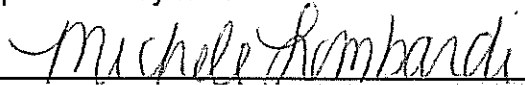
*Intersection*

\* \* \*

Stelton Road and Centennial Avenue

New Brunswick Avenue and Stelton Road

This Ordinance shall take effect twenty (20) days after the first publication thereof, by summary, after final passage in the manner provided by law.



**MICHELE LOMBARDI  
Council Vice-President**

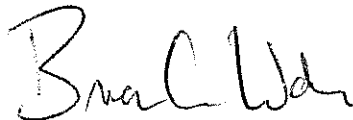
**Attest:**



**ANN NOLAN, Township Clerk**

Adopted, First Reading: March 24, 2009.  
Publication Date: March 28, 2009.

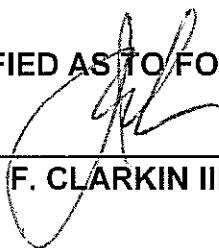
Adopted, Second Reading: April 7, 2009.  
Publication Date: April 11, 2009.



\_\_\_\_\_  
HON. BRIAN C. WAHLER, Mayor

Date: 4-11-09

CERTIFIED AS TO FORM AND LEGALITY:



\_\_\_\_\_  
JAMES F. CLARKIN III, ESQ., Director of Law

**STATEMENT OF PURPOSE**

The purpose and intent of this Ordinance is to amend the locations within the Township of Piscataway which will utilize a traffic control signal monitoring system to include the intersection of Stelton Road and Centennial Avenue; and the intersection of New Brunswick Avenue and Stelton Road.