



December 20, 2013

Borough of Stratford
307 Union Avenue
Stratford, NJ 08084

Attn: Ronald Morello, Chief of Police

Re: Traffic Signal Timing Certifications
Borough of Stratford
Bach File No. STRAT2010-6

Dear Chief Morello:

Pursuant to your request, this office visited the intersections of Berlin Avenue (CR 702) & Glendale Road (CR 673) and Laurel Road (CR 673) & Warwick Road (CR 669) on December 18, 2013 (off peak timing) to observe the total traffic signal times and the length of duration of the amber phases of each signal. The results of the observations are as follows:

1. Berlin Avenue (CR 702) & Glendale Road (CR 673) (a.k.a. White Horse Road)

- Berlin Avenue WB Approach: Total Cycle Time - 90 seconds
Amber Phase Duration – 3.91 seconds
- Berlin Avenue EB Approach: Total Cycle Time – 90 seconds
Amber Phase Duration – 3.90 seconds
- Glendale Road NB Approach: Total Cycle Time – 90 seconds
Amber Phase Duration – 3.91 seconds
- Glendale Road SB Approach: Total Cycle Time – 90 seconds
Amber Phase Duration – 3.92 seconds
Left Turn Amber Phase – 3.02 seconds

2. Laurel Road (CR 673) & Warwick Road (CR 669)

- Laurel Road NB Approach: Total Cycle Time – varied 90 to 100 seconds
Amber Phase Duration – 4.93 seconds
- Laurel Road SB Approach: Total Cycle Time – varied 90 to 100 seconds
Amber Phase Duration – 4.96 seconds
- Warwick Road WB Approach: Total Cycle Time – varied 65 to 90 seconds
Amber Phase Duration – 3.90 seconds
- Warwick Road EB Approach: Total Cycle Time – varied 65 to 90 seconds
Amber Phase Duration – 3.90 seconds

I hereby certify the above observations.

Additionally, these findings provide documentation that the traffic signal has been re-certified by the Municipal Engineer and that the amber phase of the signals are in compliance with Section 3 of P.L., c.348 (C.39:4-8.14).

Should you have any questions, or require any additional information, please contact me.

Very truly yours,
BACH ASSOCIATES, PC
Stratford Borough Engineer



Mark R. Basehore, Jr., PE, CME
Vice President, Engineering

cc: John D. Keenan, Jr., R. M. C., Borough Clerk
Steven M. Bach, PE, RA, PP, CME



Certification of Correct Functioning

Approach: STR-WHBE-01: SB

City: Stratford

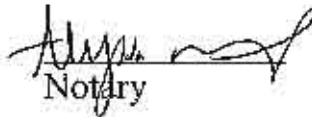
Date: November 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.



Robert Salcido

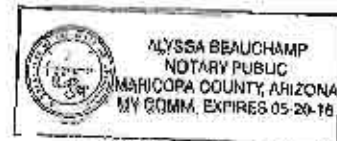
12.2.13
Date



Notary

12.2.13
Date

Corporate Custodian of Record
Redflex Traffic Systems





REFLEX
TRAFFIC SYSTEMS

Certification of Correct Functioning

Approach: STR-WHBE-01: SB

City: Stratford

Date: October 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.

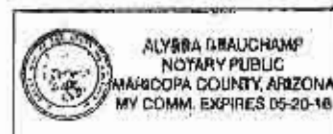
Robert Salcido

Corporate Custodian of Record
Redflex Traffic Systems

11.4.13
Date

Notary

11.4.13
Date





REDFLEX
TRAFFIC SYSTEMS

Certification of Correct Functioning

Approach: STR-WHBE-01: SB

City: Stratford

Date: September 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.

Robert Salcido

10.1.13

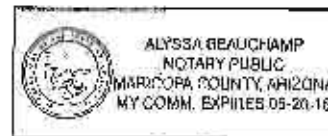
Date

Notary

10.1.13

Date

Corporate Custodian of Record
Redflex Traffic Systems





June 20, 2013

Borough of Stratford
307 Union Avenue
Stratford, NJ 08084

Attn: Ronald Morello, Chief of Police

Re: Traffic Signal Timing Certifications
Borough of Stratford
Bach File No. STRAT2010-6

Dear Chief Morello:

Pursuant to your request, this office visited the intersections of Berlin Avenue (CR 702) & Glendale Road (CR 673) and Laurel Road (CR 673) & Warwick Road (CR 669) on June 19, 2013 (off peak timing) to observe the total traffic signal times and the length of duration of the amber phases of each signal. The results of the observations are as follows:

1. Berlin Avenue (CR 702) & Glendale Road (CR 673) (a.k.a. White Horse Road)

- Berlin Avenue WB Approach: Total Cycle Time - 90 seconds
Amber Phase Duration – 3.87 seconds
- Berlin Avenue EB Approach: Total Cycle Time – 90 seconds
Amber Phase Duration – 3.91 seconds
- Glendale Road NB Approach: Total Cycle Time – 90 seconds
Amber Phase Duration – 3.82 seconds
- Glendale Road SB Approach: Total Cycle Time – 90 seconds
Amber Phase Duration – 3.84 seconds
Left Turn Amber Phase – 3.09 seconds

2. Laurel Road (CR 673) & Warwick Road (CR 669)


- Laurel Road NB Approach: Total Cycle Time – varied 95 to 110 seconds
Amber Phase Duration – 4.83 seconds
- Laurel Road SB Approach: Total Cycle Time – varied 95 to 110 seconds
Amber Phase Duration – 4.87 seconds
- Warwick Road WB Approach: Total Cycle Time – varied 92 to 110 seconds
Amber Phase Duration – 3.92 seconds
- Warwick Road EB Approach: Total Cycle Time – varied 92 to 110 seconds
Amber Phase Duration – 3.96 seconds

I hereby certify the above observations.

Additionally, these findings provide documentation that the traffic signal has been re-certified by the Municipal Engineer and that the amber phase of the signals are in compliance with Section 3 of P.L., c. 348 (C. 39:4-8.14).

Should you have any questions, or require any additional information, please contact me.

Very truly yours,
BACH ASSOCIATES, PC
Stratford Borough Engineer



Mark R. Basehore, Jr., PE, CME
Vice President, Engineering

cc: John D. Keenan, Jr., R. M. C., Borough Clerk
Steven M. Bach, PE, RA, PP, CME



REDFLEX
TRAFFIC SYSTEMS

Certification of Correct Functioning

Approach: STR-WHBE-01: SB

City: Stratford

Date: July 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.

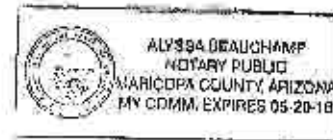
Robert Salcido

Corporate Custodian of Record
Redflex Traffic Systems

8.2.13
Date

Notary

8.2.13
Date





REDFLEX
TRAFFIC SYSTEMS

Certification of Correct Functioning

Approach: STR-WHBF-01; SB

City: Stratford

Date: June 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.



Robert Salcido

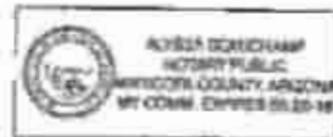
7.2.13
Date



Notary

7.2.13
Date

Corporate Custodian of Record
Redflex Traffic Systems





June 20, 2013

Borough of Stratford
307 Union Avenue
Stratford, NJ 08084

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Borough of Stratford
Bach File No. STRAT2010-6

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1. Berlin Avenue (CR 702) & Glendale Road (CR 673) (a.k.a. White Horse Road)

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Amber Phase Duration – 3.91 seconds
- Glendale Road NB Approach: Total Cycle Time – 90 seconds
Amber Phase Duration – 3.82 seconds
- Glendale Road SB Approach: Total Cycle Time – 90 seconds
Amber Phase Duration – 3.84 seconds
Left Turn Amber Phase – 3.09 seconds

2. Laurel Road (CR 673) & Warwick Road (CR 669)

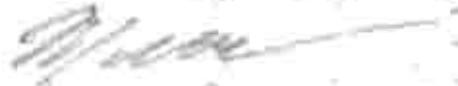
- Laurel Road NB Approach: Total Cycle Time – varied 95 to 110 seconds
Amber Phase Duration – 4.83 seconds
- Laurel Road SB Approach: Total Cycle Time – varied 95 to 110 seconds
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Very truly yours,
BACH ASSOCIATES, PC
Stratford Borough Engineer



Mark R. Basehore, Jr., PE, CME
Vice President, Engineering

cc: John D. Keenan, Jr., R. M. C., Borough Clerk
Steven M. Bach, PE, RA, PP, CME



REDFLEX
TRAFFIC SYSTEMS

Certification of Correct Functioning

Approach: STR-WHBE-01: SB

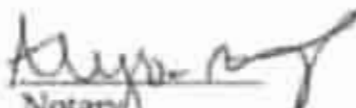
City: Stratford

Date: May 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.

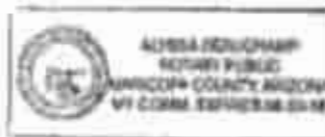

Joseph P. Alexander

6/3/13
Date


Notary

6-3-13
Date

Corporate Co-Custodian of Record
Redflex Traffic Systems





REDFLEX
TRAFFIC SYSTEMS

Certification of Correct Functioning

Approach: STR-WHBE-01: SB

City: Stratford

Date: April 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.

Robert Salcido

Corporate Controller of Record
Redflex Traffic Systems

5/2/13
Date

Notary

5/2/13
Date





Certification of Correct Functioning

Approach: STR-WHBE-01: SB

City: Stratford

Date: MARCH 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.

Robert Salcido

Corporate Custodian of Record
Redflex Traffic Systems

4.1.13
Date

Notary

4.1.13
Date






Certification of Correct Functioning

Approach: STR-WHBF-01; SB

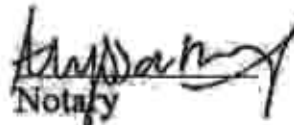
City: Stratford

Date: February 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.


Joseph P. Alexander
Co-Custodian of Record
Redflex Traffic Systems

3.4.13
Date


Notary

3.4.13
Date





REDFLEX
TRAFFIC SYSTEMS

Certification of Correct Functioning

Approach: SIR-WHBE-01: SB

City: Stratford


Date: January 2013

I certify that a review of the maintenance records conclude the camera system located at South Bound, White Horse Road and Berlin Road, in Stratford, New Jersey was operating normally.



Robert Salcido
Corporate Custodian of Record
Redflex Traffic Systems

2/5/13
Date



Notary
Yvonne McPherson
Notary Public
Maricopa County, Arizona
My Comm. Expires 11-18-18

2/5/13
Date