CHESTERFIELD TWP BURLINGTON COUNTY, NJ. FATAL SCHOOL BUS TRUCK COLLISION THURSDAY, FEBRUARY 16, 2012; 8:15 A.M.

HWY-12-MH-007

ATTACHMENT 1, BURLINGTON COUNTY ENGINEERING DOCUMENTS

51 PAGES

Board of Chosen Freeholders Of The County of Burlington

MOUNT HOLLY, NEW JERSEY 08060

OFFICE OF COUNTY ENGINEER TRAFFIC SECTION 1900 Briggs Road Mount Laurel, NJ 08054 Marring Address P.O. Box 5000 Mount Holly, N.J., Cab50



Telephone # (856) 642-3720 Fax # (856) 642-3730

MEMORANDUM

TO: Peter J. Kotowski, NTSB Investigator In Charge

FROM: Michael Nei, Principal Engineer

RE: School Bus Accident

Intersection of CR 528 & CR 660

Chesterfield Township

DATE: February 18, 2012

In response to your email request on February 17th 2012, please find attached copies of the following documents:

- Roadway resurfacing plans for both CR 528 and CR 660. County Route 528 was last resurfaced in September 2005 and County Route 660 was last resurfaced in August 2010.
- Design plans and documentation regarding the installation of the flashing beacon.
 The beacon was first activated on July, 8 2008.
- Copies of ATR counts and intersection turning movement counts.
- Speed survey data for CR 528 is attached. We do not have any speed survey data available for CR 660 in the vicinity of this intersection.
- Old York Village Development- Excerpts from Traffic Impact Analysis related to the intersection of CR 528 and CR 660.
- A five year accident history analysis including summary sheets, NJTR-1 reports and collision diagrams.
- The New Jersey State statute regarding the adoption of the MUTCD.

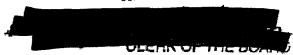
cc: J. Brickley, County Engineer
M. Livingston, Traffic Engineer

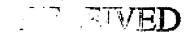
39:4-183.6 Determination of signage.

The commissioner may determine the character, type, location, wording or symbol, and use of all traffic signs on the highways of this State; may adopt a manual and specifications for a uniform system of traffic signs consistent with the provisions of this act for use upon public highways within the State. Such uniform system shall correlate with and so far as possible conform to the system then current as specified in the "Manual on Uniform Traffic Control Devices for Streets and Highways." L.1941,c.345,s.7; amended 1951, c.23, s.82; 2003,c. 13, s.53

HEHEDT CENTIFT ARAB THE FUHEGUING IS A TRUE FULL AND CORRECT COPY OF RESOLUTION TO ADOPTED BY THE SQ. TO OF CHOSEN TREEHOLDERS OF THE COUNTY OF BURLINGTON, U. AT ITS MEETING DATED SEP 1 3 2000

'C: MCL





SEP 1 8 2006

COUNTY ENGINEER'S OFFICE BURLINGTON COUNTY

RESOLUTION

WHEREAS, the Board of Chosen Freeholders of the County of Burlington and the Township of Chesterfield recognize the need for the installation of a traffic control signal at the intersection of Bordentown-Chesterfield Road (CR528) & Old York Road (CR660); and

WHEREAS, the Board of Chosen Fresholders of the County of Burlington did on September 26, 1990 adopt Resolution #572 setting forth the policy and procedures whereby the County of Burlington would participate in the installation, operation and maintenance of traffic control signals; and

WHEREAS, the attached processed written agreement between the Township of Chesterfield and this Board, providing for the implementation of the County policy enumerated in this aforementioned resolution, has been approved and executed by the Township of Chesterfield; now, therefore, be it

RESCLVED, by the Board of Chosen Freeholders of the County of Burlington, that the attached written agreement between this Board and the Township of Chesterfield for the installation of a traffic control signal at the intersection of Bordentown-Chesterfield Road (CR528) & Old York Road (CR660) is hereby approved; and

FURTHER RESOLVED, that the County Administrator is hereby authorized and directed to execute, attest, seal and deliver the same on behalf of the Board.

	VINCENT R. FARIAS	
	•	
ADOPTED	<u>September 7</u> , 2006	
	AUGUSTUS M. MOSCA. CLERK	

Ku 77.

AGREEMENT

BETWEEN

THE TOWNSHIP OF CHESTERPIELD

and

THE COUNTY OF BURLINGTON

for

PLASHING BEACON

аţ

BORDENTOWN-CHESTERFIELD ROAD (CR528)

and

OLD YORK ROAD (CR660)

THIS AGREEMENT, made this	day of	, 2006,
between the TOWNSHIP OF CHESTERFIE	LD in the County of Bu	rlington, a municipal
corporation of the State of New Jes	racy, with offices loc	ated at 300 Bordentown
Chesterfield Road, Trenton, New Jer	csey 08620 (bereinafte	r referred to as
"TOWNSHIP"), and the BOARD OF CHOST	IN FREEHOLDERS OF THE	COUNTY OF BURLINGTON,
a body politic and corporate, with	offices located at 49	Rancocas Road, Mount
Holly, New Jersey 08060 (hereinafte	or referred to as "COU	NTY");

WITNESSETH:

WHEREAS, the Township and County recognize the need for the installation of a traffic signal at the intersection of Bordentown-Chesterfield Road (CR523) & Old York Road (CR660) Road located in the Township of Chesterfield, County of Burlington in order to promote and provide for the safety and convenience of the public; and

WHEREAS, by Resolution #572 adopted September 26, 1990, the County adopted certain procedures and policies regarding the installation, operation and maintenance of traffic signals; and

WHEREAS, N.J.S.A. 40:23-14 ot.seq. authorizes joint County and municipal action regarding such public improvements:

NOW, THEREFORE, IN CONSIDERATION of the mutual covenants and agreements contained herein, the Township and the County agree as follows:

COUNTY RESPONSIBILITIES

- The County, at its own cost and expense, will obtain the required State approvals.
- 2. The County, at its own cost and expense, shall prepare all necessary preliminary design plans and cost estimates, final construction plans and contract specifications and, if required, shall prepare all Right-of-Way plans.
- 3. At the request of the Township, the County Engineer, or his representative, will forward to the Township officials a set of plans for their review upon completion of the design.
- 4. The County will take action to install the traffic signal at no cost to the Township.
- 5. The County will provide all maintenance service for the traffic signal installation and will also cause the signal to be insured against loss or damage from any cause.
- 6. The County will pay all costs for the future relocation or removal and reinstallation of any portion of the aforesaid traffic signal or related detection equipment, if the relocation or removal and reinstallation of this equipment is made necessary at the intersection by changes made by the County, io., excavations, resurfacing, widening, corner radius changes, etc.
- 7. The County shall indemnify and save barmless the Township, its officers, employees, servants and agents from all claims, suits or actions of every kind or character made upon or brought against the Township, its officers, employees, servants and agents for or on account of any injuries or damages which shall arise out of, in the course of, or in consequence of any willful or negligent act or omission or tortious act or omission of the County, its employees, agents, engineers or subcontractors, in the performance of the County's duties and responsibilities as set forth in this Agreement, or by or on account of any act or omission of the County, its servants, employees,

agents, engineers or subcontractors. This indemnity shall include attorneys' fees and costs and all other expenses incurred in the defense of any suit.

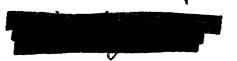
TOWNSHIP RESPONSIBILITIES

- 1. The Township will provide, at no cost to the County, police officers as needed to provide traffic control for emergency of routine traffic signal maintenance activities. This provision shall apply to all County maintained traffic signals in the Township.
- 2. The Township will provide, at its own expense and cost, all electrical power necessary to operate the traffic signal.
- The Township will provide, at its own expense and cost, any telephone service necessary to operate the traffic signal.
- 4. The Township will pay all costs for the future relocation or removal and reinstallation of any portion of the aforesaid traffic signal or related detection equipment, if the relocation or removal and reinstallation of this equipment is made necessary at the intersection by changes made by the Township, ie., excavations, resurfacing, widening, corner radius changes, etc.
- 5. The Township shall indemnify and save harmless the County, its officers, employees, servants and agents from all claims, suits or actions of every kind or character made upon or brought against the County, its officers, employees, servants and agents for or on account of any injurios or damages which shall arise out of, in the course of, or in consequence of any willful or negligent act or emission or tortious act or emission of the Township, its employees, agents, engineers or subcontractors, in the performance of the Township's duties and responsibilities as set forth in this Agreement, or by or on account of any act or emission of the Township, its servants, employees, agents, engineers or subcontractors. This indomnity shall include attorney's fees and costs and all other expenses incurred in the defense of any suit.

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly signed, executed and sealed by their respective proper officials the day and year first written above.

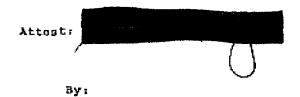
(SEAL)





THE TOWNSHIP OF CHRSTERFIELD IN THE COUNTY OF BURLINGTON

(SEAL)



BOARD OF CHOSEN FREEHOLDERS OF THE COUNTY OF BURLINGTON STATE OF NEW JERSEY

TOWNSHIP OF CHESTERFIELD

COUNTY OF BURLINGTON

)

BE IT REMEMBERED, that on this

day of

2006, before me the subscriber, personally appeared Bonnie Haines being by me duly sworn on his/her eath doth dispose and make proof to my satisfaction, that he/she is the Clerk of the Township of Chesterfield in the County of Burlington, the Municipality named in the within instrument, that

that the execution as well as the making of this instrument has been duly authorized by a proper resolution of the Council of said Municipality; that deponent well knows the official seal of said Municipality; and the official seal affixed to said instrument is such official seal and was thereto affixed and said instrument is signed and delivered by said Mayor, as and for his/her voluntary act and deed and as and for the voluntary act and deed of said Municipality; in presence of deponent, who thereupon subscribed his/her name thereto as witness.

				Clerk
Sworm	to	and	Subscribed	this
		đá	y of	2006

STATE OF NEW JERSEY COUNTY OF BURLINGTON

BE IT REMEMBERED, that on this day of 2006. before me. a Notary Public of the State of Now Jersey, personally appeared who being by me duly sworm on his/her oath said that he/she is a Secretary in the Office of the soard of Chosen Freeholders of the County of Buslington, the Party of the second part within named, and that Augustus Mosca is the Administrator; that deponent knows the common or corporate seal of said corporation, and that the seal annexed to the within agreement is such common or corporate seal; that the said agreement was signed by the said Administrator and the seal of said corporation affixed thereto in the presence of the deponent; that said agreement was signed, scaled and delivered as and for the voluntary act and deed of said corporation for the uses and purposes therein expressed, pursuant to a resolution of the Board of Chosen Freeholders of said corporation, and at the execution thereof this dependent subscribed his/her name thereto as witness.

Title: Deputy Clerk Sworn to and Subscribed this

_ day of <u>September</u> 2006

GINA M. WHEATLEY HOLARY PUBLIC OF HEW JEISEY Commission Explores 11/6/2007

TOWNSHIP OF CHESTERFIELD

County of Burlington - State of New Jersey www.chesterfieldtwp.com

300 Bordentown-Chesterfield Road Chesterfield, New Jersey 08515

Phone: (609) 298-2311 Fax: (609) 298-0469

Michael J. Hlubik, Mayor Brian J. Kelly, Deputy Mayor Lawrence H. Durr, Committeeman

August 11, 2006

Martin C. Livingston, Traffic Engineer Post Office Box 6000 Mount Holly, New Jersey 08060

Ref: Flashing Beacon

County Route 528 and County Route 660

Dear Mr. Livingston:

Enclosed please find the executed agreements and the Resolution approving the agreements for the installation of a flashing beacon at the intersection of Bordentown-Chesterfield Road (County Route 528) and Old York Road (County Route 660).

Should you need additional information, please do not hesitate to ask.

Bonnie J. Halnes, RMC Township Clerk

RECEIVED

AUG 1 4 2006

COUNTY ENGINEER'S OFFICE BURLINGTON COUNTY

Buard of Chosen Freehowers Of The County of Burlington

MOUNT HOLLY, NEW JERSEY

OFFICE OF COUNTY ENGINEER TRAFFIC SECTION 1900 Briggs Road Mount Lausel, NJ 08054 Mailing Address PO, Box (600) Mount Holly, NJ, 08060

08060



Telephone # (855) 642-3720 Fax # (856) 642-3730

July 17, 2006

Bonnie Haines, Clerk Chesterfield Township 300 Bordontown-Chesterfield Rd. Trenton, MJ 08620

Ro: Flashing Beacon-

Bordentown-Chesterfield Rd. (CR528) & Old York Rd. (CR660)

Chesterfield Township

Doar Ms. Haines:

Burlington County has determined a Flashing Beacon should be installed at the above referenced intersection.

In accordance with Freeholder policy established by Resolution #572, we are enclosing five (5) copies of an agreement for the subject traffic signal between Chesterfield Township and Burlington County for the installation, maintenance and electrical power to operate this traffic signal.

If you find the agreement in order, please have all copies executed and returned to our office so that we may recommend their execution by the Board of Chosen Propholders. Please do not date the agreement at this time.

Upon execution of the agreement by the Township, a copy of the fully executed agreement will be returned to your office. If you have any questions, please do not hesitate to call me at (856)642-3720.

Martin C/ Livingston
Traffic Engineer

MCL/da Encl. cc: File

CA 528. GEORGETOWN-CHESTERFIELD PD 100 FT 5/0 CHESTERFIELD MAIN SCHOOL DWAY GEO-CHESTERFIELD TWP. # 07 Counted By, JOSEPH. W. CLAYTON, SR.

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CR 528 GEORGETOWN-CHESTERFIELD RD 100 FT S/O CHESTERFIELD MAIN SCHOOL DWAY CHESTERFIELD TWP # 07 Counted By: JOSEPH WI CLAYTON SR

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CR 528 GEORGETOWN-CHESTERFIELD RD 100 FT SIO CHESTERFIELD MAIN SCHOOL DWAY CHESTERFIELD TWP. # 07 Counted By JOSEPH W. CLAYTON SR

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CR 523 GEORGETOWN-CHESTERFIELD RD 100 FT S/O CHESTERFIELD MAIN SCHOOL DWAY CHESTERFIELD TWP. # 07 Counted By JOSEPH W. CLAYTON SR.

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06-528-07-18C GEORGETOWN-CHESTEFIELD RD S-O CHESTERFIELD MAIN SCHOOL DWAY VOL. P.O. Box 6 0 0 0 Site Code: 528007006012 Mount Holly, New Jersey 0 8 0 6 0 Station ID: 06-528-07-18C

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Page 1 05-528-07-27C BORBENTOWN-CHESTERFIELD RD W-O NJ TURNPIKE OVERPASS P.O. Box 6000 Site Code: 528007005003

C.R. 528 BORDENTOWN-CHESTERFIELD RD. Mount Holly, N.J. 08060 250 FT, W/O NJ.J. TURNPIKE OVERPASS

Station ID: 05-528-07-27C

CHESTERFIELD TWP. #07

Latitude: 40' 8.290 North

Counted By: Joseph W. Clayton Sr. Longitude: 75' 40.500 West

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Page 2 05-528-07-27C BORBENTOWN-CHESTERFIELD RD W-O NJ TURNPIKE OVERPASS Site Code: 528007005003

Station ID: 05-528-07-27C

P.O. Box 6000 Mount Holly, N.J. 98969

C.R. 528 BORDENTOWN-CHESTERFIELD RD. 250 FT, W/O NJ.J. TURNPIKE OVERPASS CHESTERFIELD TWP, #07

Latitude: 40' 8,290 North

Counted By: Joseph W. Clayton Sr. Longitude: 75' 40,500 West Start 26-Sec-05 Tue Wed Thu Fri Sal Sun Week Average Tame E/B WOR E/B WB E/9 W/B £.B W/B E/B_ W/B ĒΒ WAB E/B W/B E/B W/9 12,00 ΔM g ű Ð tü 01:00 ũ θ õ 92.00 ð J ő 03:00 Ġ Ð 04:00 В ġ :4 05 00 06 0007:00 40B 08:00 00,00 10:00 \$5:00 12:00 PM 01:00 02.00 03:00 04:00 05:00 66:00 07:00 00.008B 09:00 10.00 ÓΕ B7 11:00 C3518 Day 41.1 11:00 07:00 08.00 07:00 09.00 07:00 11:00 Peak 07:00 07:00 07:00 11.00 11:00 11:00 11:00 11:00 07:00 Vot PM 16:00 15.00 17.00 15.00 15:00 16:00 17:00 15:00 16,00 Post. 17:00 13:00 13:00 12.00 12:00 15:00 16:00 Vol

Page 3

05-528-07-27C BORBENTOWN-CHESTERFIELD RD W-O NJ TURNPIKE OVERPASS Site Code: 528007005003

P.O. Box 6000 Mount Holly, N.J. 08080

C.R. 528 BORDENTOWN-CHESTERFIELD RD. 250 FT. W/O NJ.J. TURNPIKE OVERPASS CHESTERFIELD TWP. #07

Lablude: 40' 8.290 North

Station ID: 05-528-07-27C

Counted By: Joseph W. Clayton Sr. Lengitudo: 75' 40.500 West Start D3-Oct-05 Tug Wed The Fri Sat Sun **Week Average** Time EΘ SWP. Ē/B WB E.B EΒ W/B W/B E/B WAS W/B E/B E/8 WB EB W/B 12.00 AM 11 11 00:00 11 11 92:00 Ŷ 2 04:00 10 29 to 79 06:00 g t 272 87 2/2 150 415 150 415 08 03 148 309 148 309 09:00 193 146 145 193 10.00 11:00 12:00 PL 01:00 02:00 **00.EQ** 04:00 05:00 06:00 07:00 06:00 09.0010-00 11:00 613 1329 1,350 Ö Ď Ô 613 1329 1942 Day 0 0 Ď 0 0 O 1942 AM 07.00 07:00 Peak 07:€€ 07:00 Vol 150 415 150 415 PM Peak Vol Comb 11232 11985 12664 12624 13107 11152 9526 Total 13800 ADT AOT 5,932 AADT 5,932

Shropshire Associates 709 Stokes Road, Medford, NJ 08055

N/S Route: Old York Road (CR 660)

E/W Route: Bordentown-Chesterfield Rd.

Chesterfield/Burlington Co. NJ

ear/Thurs./LLE/2585

File Name : 40020002

Site Code : 40020002 Start Date : 01/08/200

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Page 1

Votume

ATR 5361

Site Code: 251100005361

Station ID: 251100005361

Shropshire Associates 709 Stokes Road Mediard, New Jersey 08055

Study: Old York Road (CR 660) Location: Between CR 528 & CR 677

Chesterfield/Burlingtlon Co. NJ

File # 2511

05-Aug-02 Start Tue Wed Thu Fri Sat Sun Week Average Westbo Eastbou Westbo Eastbou Westbo Time Eastbou Westbo Eastbou Westbo Eastbou Westbo Eastbou Westbo Eastbou 12:00 AN. 01:00 02:00 Ø 03:00 04:00 05:00 C6:00 07:00 OB:00 45 35 09:00 44 -10:00 11:00 12:00 PM 01:00 39 35 02:00 33 52 50 39 27 42 30 26 03:00 44 47 49 58 04:00 60 05:00 06:00 32 30 17 39 35 23 34 25 30 25 07:00 25 00:80 7 09:00 12 10:00 11:00 δ Lane Ó O Õ €44 Day Đ Ò AM Poak 09:00 09:00 10:00 11:00 09:00 10:00 09:00 09:00 Volume PM 17:00 Peak 17:00 16:00 17:00 12:00 12:00 12:00 13:00 12:00 17:00 Volume

Page 2 Site Code: 251100005361

Station ID: 251100005381 Volume ATR 5361

Shropshire Associates 709 Stokes Road Medford, New Jersey 08055

Study: Old York Road (CR 650) Location: Between CR 528 & CR 677 Chesterfield/Burlingtion Co. NJ File # 2511

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Comb. Total	1091		1175		1081		1846		2394		1577		1002	-	2252	
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Memo

To:

Martin C. Livingston

From: Harry Klatt

CC:

File

Date: February 1, 2006

Re:

Radar Survey for CR #528, Cheslerfield Township

Radar speed surveys were conducted on County Route #528 in Chesterfield Township in the area of #95 - #97 CR 528. The following results reflect the data that was collected and the observations. of this writer while on location.

50 MPH Zone: Eastbound Traffic

The data collected for CR 528, in the area of #95 - #97 CR 528, for the Eastbound traffic shows that the 85^{th} percentile for all vehicles is 54 MPH with the 10 MPH pace speed at 44 - 53 MPH.

50 MPH Zone: Westbound Traffic

The data collected for CR 528, in the area of #95 - #97 CR 528, for the Westbound traffic shows that the 85^{th} percentile for all vehicles is 54 MPH with the 10 MPH pace speed 43-52 MPH.

Observations:

While at the above mentioned location I did observe several marked Police vehicles, both Municipal and State Police, drive by an routine patrol. No other Police activity was observed.

It should be mentioned that there were numerous 12 - 14 wheeled heavy duty construction vehicles, along with other commercial truck traffic traveling in both directions, it is my understanding that there are active construction sites in the area. This would account for the high truck volume in this neichborhood.

Burlington County PO Box 6000 Mount Holly, NJ 08060

COUNTY ROUTE 528
1FO #9? COUNTY ROUTE 528

EASTBOUND: 50 MPH ZONE

END TIME: 1205 CLOUDY AND DRY

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File Name	untitled2
Site Code	: 52800206
Start Date	: 02/01/200

Page No : 1

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BUSES	1	44	44	44	35 - 44	1	100	,	·
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Burlington County PO Box 6000 Mount Holly, NJ 08060

COUNTY ROUTE 528

IFO #97 COUNTY ROUTE 528

WESTBOUND: 50 MPH ZONE

END TIME: 1205 CLOUDY AND DRY

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File Name : untitled2 Site Code : 52800206 Start Date : 02/01/2006 Page No : 1

Burlington County PO Box 6000 Mount Holly, NJ 08060

File Name : untitled2 Site Code : 52800206 Start Date : 02/01/2006 Page No : 2

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Class CARS	Vehicle Count	Average Speed	True Median (50th Percentile)	85 Percentie		Number in Pace	Porcentin Page	Number of Vehicles Over 55 MPH	Percent of Volvides Over 55 MPH
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Suffishery	140	481	4%	54	43 - 52	97	69	13	9

Moard of Chosen Freeholders County of Burlington New Jersey

OFFICE OF. COUNTY ENGINEER

Mailing Address P.O. Box 6000 Mount Holly, New Jersey 08060



Telephone # (856) 642-3700 Fax # (856) 642-3710

January 24, 2006

Douglas Bartlett, Manager Bureau of Traffic Engineering and Safety Programs New Jersey Department of Transportation 1035 Parkway Ave. CN 613 Trenton, NJ 08625

RE: SPEED LIMITS

County Route 528, Burlington County

Dear Mr. Bartlett:

The County of Burlington has adopted the enclosed speed limit resolution for County Route 528, Bordentown-Chesterfield Road, in accordance with NJSA Title 39:4-8b. This resolution establishes speed limits across four zones between U.S. Route 206 and municipal boundaries between Chesterfield and North Hanover Townships.

Based on data collected by the Engineer's Office the following changes are being made;

Zone 1: 35 MPH East and Westbound; The existing speed limit is 35 MPH and is being extended to the new Zone 2 limit of Holloway Drive to include the remainder of the residential frontage and the Derby Fire Company.

Zone 2: 45 MPH Eastbound: 44-53 MPH (10 MPH Pace) 45 MPH Westbound: 43-52 MPH (10 MPH Pace)

Zone 3: 35 MPH Eastbound: 34-43 MPH (10 MPH Pace) 35 MPH Westbound: 36-45 MPH (10 MPH Pace)

Zone 4: 45 MPH; East and Westbound; The existing 45 MPH is being extended from he North Hanover Township line to the Zone 3 limit west of Sykesville Road.

This section of roadway traverses both rural and suburban areas and has both flat and rolling terrain. The County has reevaluated speed limits in this area due to the ongoing construction of a 1200 home subdivision in the vicinity of County Route 528. The proposed speed limits are reasonable based on the radar data collected, the roadway geometry, intersection site distance and the adjacent land use.

Burlington County certifies that it has conducted the speed survey in accordance with Title 39:4-8b, and that the speed limits established are reasonable and safe. Enclosed is Resolution 919, adopted by the Board of Chosen Freeholders of the County of Burlington, NJ, at its meeting dated October 25, 2006.

Please forward NJDOT concurrence for the enclosed speed limit resolution, based on our certification and resolution.

If you have any questions, please call this office at 856-642-3700.

R. Thomas Jaggard, P.E.

Assistant County Engineer

Very truly yours,

Martin C. Livingston Traffic Engineer

(Seal)

N.J. PE License #29013

cc: File

THEREBY CERTIFY THAT THE FOREGOING IS A FRUE, FULL AND CORRECT COPY OF RESOLUTION NO. 4/4 ADOPTED BY THE BOARD OF CHOSEN FREEHOLDERS OF THE COUNTY OF SUBLINGTON, NJ. AT ITS MEETING DATED



RESOLUTION

WHEREAS, the Board of Chosen Freeholders of the County of Burlington, is empowered under N.J.S.A. 39:4-201, N.J.S.A. 39:4-197, and N.J.S.A. 39:4-8b to establish speed limits along County Roads in order to protect the public and ensure safe roads within Burlington County; and

WHEREAS, County Route 528, commonly known as Crosswicks Street/Bordentown-Chesterfield Road in Chesterfield and Bordentown Townships, is a County Road under the jurisdiction of the Board of Chosen Freeholders of Burlington County; and

WHEREAS, the Burlington County Engineering Department has conducted a speed survey along County Route 528, commonly known as Crosswicks Street/Bordentown-Chesterfield Road; and

WHEREAS, speed zones set forth by the Burlington County Engineering Department have been substantiated by the aforementioned traffic investigation as realistic and reasonable; now, therefore be it

RESOLVED, by the Board of Chosen Freeholders of the County of Burlington in the State of New Jersey, that the speed limits for both directions of traffic along County Route 528 (Crosswicks Street/Bordentown-Chesterfield Road) in Chasterfield and Bordentown Townships are established at:

Zone 1 - 35 MPH – Between Route U.S. 206 and 906' east of Holloway Drive, except for 30 MPH when passing through the Holy Cross Lutheran School zone during recess when the presence of children is clearly visible from the roadway or while children are going to or leaving school, during opening and closing hours.

Zone 2 - 45 MPH – Between 905' east of Holloway Drive and 2075' west of Chesterfield-Crosswicks Road (County Route 677), except for 35 MPH when passing through the Meadow View School zone during recess when the presence of children is clearly visible from the roadway or white children are going to or leaving school, during opening and closing hours.

Zone 3 - 35 MPH – Between 2075' west of Chesterfield Crosswicks Road (County Route 677) and 1700' west of Sykesville Road, except for 30 MPH when passing through the Chesterfield Township School zone during recess when the presence of children is clearly visible from the roadway or while children are going to or leaving school, during opening and closing hours.

ADOPTED _		:006			
	and the second s	CLERK			

RESOLUTION

-2-

Zone 4 - 45 MPH - Between 1700' west of	Sykesville Roa	ad and the	North Hanover
Township/Chesterfield Township line.			7,4-1,

and, be it

FURTHER RESOLVED, by the Board of Chosen Freeholders of the County of Burlington, that Regulatory and Warning signs shall be erected and mainteined by the Burlington County Engineering Department, to effect the above designated speed limits as empowered by N.J.S.A. 39:4-8b; and, be it

FURTHER RESOLVED, by the Board of Chosen Freeholders of the County of Burlington that all Regulatory and Warning signs erected shall be in conformance with the current federal Manual on Uniform Traffic Control Devices.

VINCENT R.	FARIAS	
***********	7 7 71 737 700	

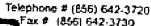
ADOPTED	October	25	2006

Board of Chosen Freeholders Of The County of Burlington

MOUNT HOLLY, NEW JERSEY 08060

OFFICE OF
COUNTY ENGINEER
TRAFFIC SECTION
1900 Briggs Road
Mount Laurel, NJ 08054
Mading Address
P.O. Box 6000
Mount Holly, NJ 68050





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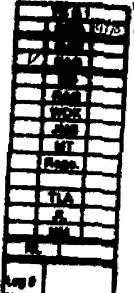
September 6, 2007

SEP 1 0 2007

NJ DEPT. OF
TRANSPORTATION

Douglas Bartlett, Manager
Bureau of Traffic Engineering and Safety Programs
New Jersey Department of Transportation
1035 Parkway Ave. - CN 613
Trenton, NJ 08625

RE: County Route 528, Burlington County



Dear Doug:

This letter and the attached documents provide additional support for County resolution no. 919 which established speed limits on County Route 528. As we discussed, Zones 1, 2, and 3 are self-contained sections of County roadway and were certified in accordance with NJSA. 39:4-8b. Zone 4 in the resolution is not subject to NJSA 39:4-8b since this section crosses into Ocean County.

The speed zones along this section of roadway have been reevaluated for the following reasons:

- Ongoing construction of a 1200 home subdivision in the vicinity of County Route 528 which has significantly increased traffic volumes and turn movements.
- Volume of school related traffic has significantly increased. Adding to the three
 existing school zones along this roadway, Bordentown Township opened a new
 high school in 2006 with approximately one-third of the newly generated traffic
 using the intersection of County Route 528 and Hogback Rd. The sight distance
 at this intersection is limited to the east by the NJ Turnpike overpass and a twostory single family home.
- In 2006, Chesterfield Township reported to the County five speed related crashes.
 Four 6f the accidents were same direction involving a vehicle slowing for a turning movement.

New construction of single family homes along the frontage of County Route 528
has also occurred between Georgetown Rd. and Sykesville Rd. increasing the
number of driveways.

County Route 528 (Bordentown-Chesterfield Rd.)- Self Contained

Zone 1: 35 MPH Eastbound: 33-42 MPH (10 MPH Pace)

35 MPH Westbound: 30-39 MPH (10 MPH Pace)

The existing speed limit is 35 MPH and is being extended to the new Zone 2 limit of Holloway Drive to include the remainder of the residential frontage and the Derby Fire Company. The area where the speed zone is being extended is within the 10 MPH pace for 35 MPH and is of the same

roadway character and land use as the existing section.

Zone 2: 45 MPH Eastbound: 44-53 MPH (10 MPH Pace)

45 MPH Westbound: 43-52 MPH (10 MPH Pace)

Zone 3: 35 MPH Eastbound: 31-40 MPH (10 MPH Pace)

35 MPH Westbound: 33-42 MPH (10 MPH Pace)

To the west of Georgetown Road, CR 528 is fronted by a township park, emergency squad and deli along the southerly curb line; a playground, elementary school, baseball field, bank, florist, pocket park and the Chesterfield Inn along the northerly curb line. Several homes with driveways have been constructed immediately to the east of Georgetown Road adjacent to both sides. In addition, a large garden center located adjacent to the Chesterfield Inn along the north side is now thriving due to the influx of residents from the new developments in the township.

County Route 528 (Chesterfield-Jacobstown Rd.)- Non-Self Contained

Zone 4: 45 MPH Eastbound: 38-47 MPH (10 MPH Pace)

45 MPH Westbound: 39-48 MPH (10 MPH Pace)

The existing 45 MPH is being extended from the North Hanover

Township line to Zone 3 limit west of Sykesville Road. Our evaluation of the roadway geometry, stop control for westbound CR 528 and speed data for the existing 50MPH zone concluded that it is not compatible between

the 45 MPH zones.

C \Documents and Sestings\kmcdermct\Desktop\528 speed response 09-07-07 doc

The enclosed map details the topographic features of this roadway including driveways and summarizes the speed survey data.

Burlington County certifies that it has conducted the speed surveys in accordance with Title 39:4-8b, and that the speed limits established are reasonable and safe. Enclosed is Resolution 919, adopted by the Board of Chosen Freeholder of the County of Burlington, NJ, at its meeting dated October 25, 2006.

Please forward NJDOT concurrence for the previously submitted speed limit resolution for the self-contained section of CR 528 (Bordentown-Chesterfield Road) and approval for the section of CR 528 (Chesterfield-Jacobstown Road) that is not self-contained.

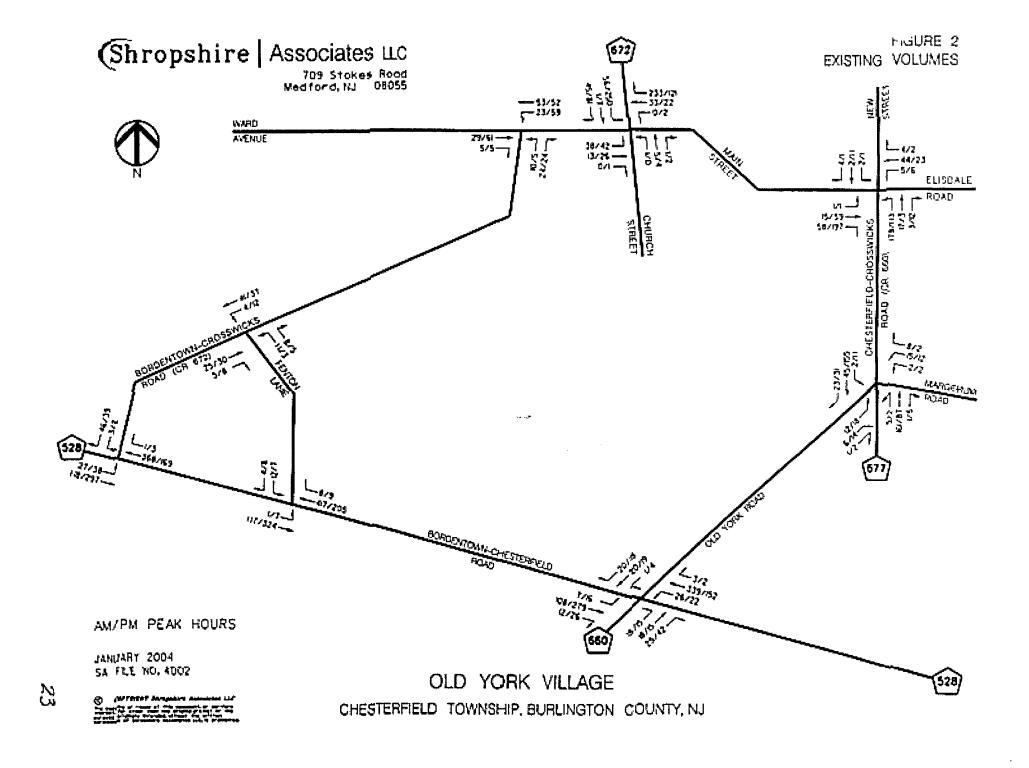
If you have any additional questions regarding this matter, please contact this office at \$56-642-3700.

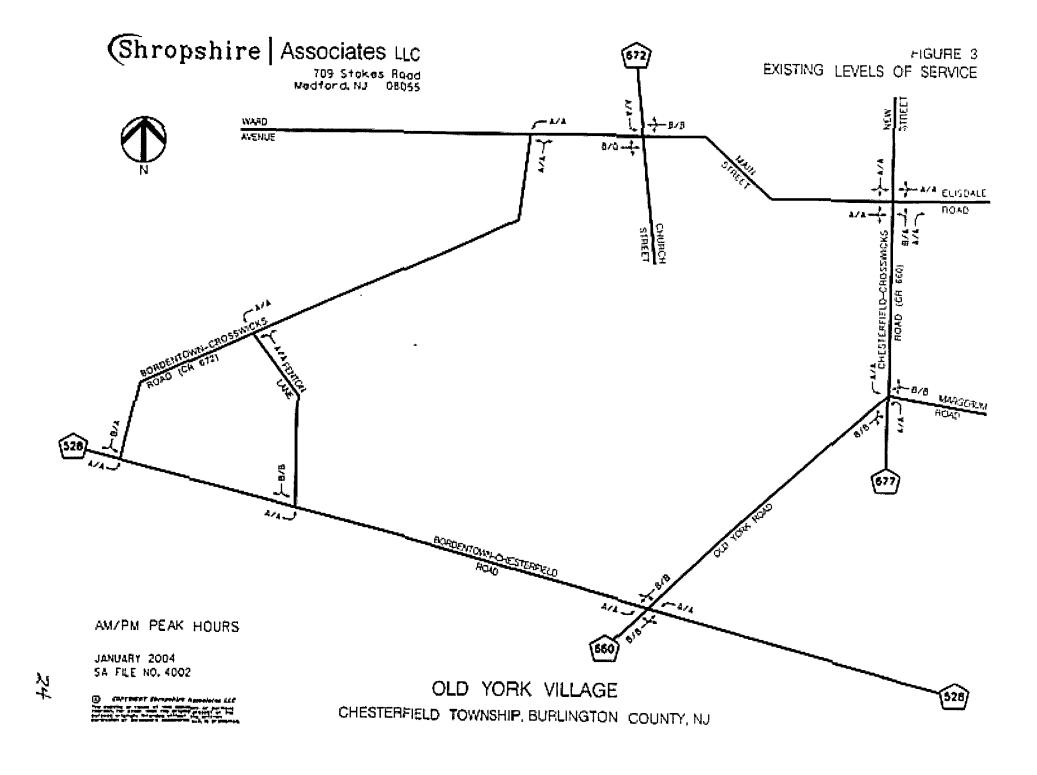
oseph G. Caruso, P.E. County Engineer

> (Seal) N.J. PE License

Enclosures

JGC/mjn





TWO-WAY STOP CONTROL SUMMARY General Information Sublinformation Intersection CR 528/Old York Road Analyst nbm ea4 Chesterheld Twp/Burlington Agency/Co. Shropshire Associates LLC Jurisdiction Co Performed 1/9/2004 Analysis Year 2004 Analysis Time Period Existing AM Peak Hour Project Description 4002 - Old York Village EastWest Street Bordentwn-Chosterfield CR 528 North/South Street: Old York Road (CR 660) Intersection Orientation: East-West Study Period (hrs): 0.25 Venide/Volumesand/adjustinonis: Major Street Eastbound Westbound Movement 2 3 4 Ĺ R L R Volume (velvh) 108 12 2ε 339 3 Peak-hour factor, PHF 0.91 0.91 0.91 0.87 0.87 0.87 Hourly Flow Rate (velvh) 7 118 13 29 389 3 Proportion of heavy 2 vehides, P_{IN} 2 Median typo Undivided RT Channelized? 0 0 0 1 0 O 1 0 Configuration LTR LTR Upstream Signal ō Minor Street Northbound Southbound Movement 7 8 9 10 11 12 L T R L T R me (veh/h) 18 18 25 1 20 20 Peak-hour factor, PHF 0.80 0.80 0.80 0.68 0.58 0.68 Hourly Flow Rate (veh/h) 22 22 31 1 29 29 Proportion of heavy 2 2 2 vehicles, P_{HV} 2 2 2 Percent grade (%) Ô 0 Flared approach Ν N Storage 0 0 RT Channelized? 0 Lanes O 0 0 1 Configuration LTR LTR sommot sakiv etrane kandili kangi ar sawec Approach EB WB Northbound Southbound Movement 1 4 7 10 11 12 Lane Configuration LTR LTR LTR LTR Volume, v (vph) 7 29 75 59 Capacity, c_m (vph) 1167 1454 503 498 v/c ratio 0.01 0.02 0.15 0.12

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SHORT REPORT

HCS2000TM

Intersec. delay

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Intersection LOS

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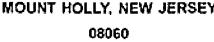
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Board of Chosen Freeholders Of The County of Burlington

MOUNT HOLLY, NEW JERSEY

OFFICE OF. COUNTY ENGINEER TRAFFIC SECTION 1900 Brggs Road Mount Laurel, NJ 08054 Maising Address P.O. Box 6000 Mount Holly, N.J. 08060





Telephone # (856) 642-3720 Fax # (856) 642-3730

MEMORANDUM

TO:

Peter J. Kotowski, NTSB Investigator In Charge

FROM:

Michael Nei, Principal Engineer

RE:

School Bus Accident

Intersection of CR 528 & CR 660 V

Chesterfield Township

DATE:

CC.

February 19, 2012

In response to our meeting on February 19th, 2012 with David Rayburn, please find attached copies of the following documents:

- AASHTO Roadside Design Guide requirements regarding the installation of traffic signal supports.
- NJDOT Design Manual requirements for the installation of traffic signal standards.
- Design details for the steel pole foundations and catalog details for the steel pole. mast arm and anchor bolts.
- MUTCD requirements regarding STOP LINES
- The New Jersey State statute regarding the Stopping or Yielding-Right of Way
- The New Jersey State statute regarding the clearing of brush/hedges at intersections.

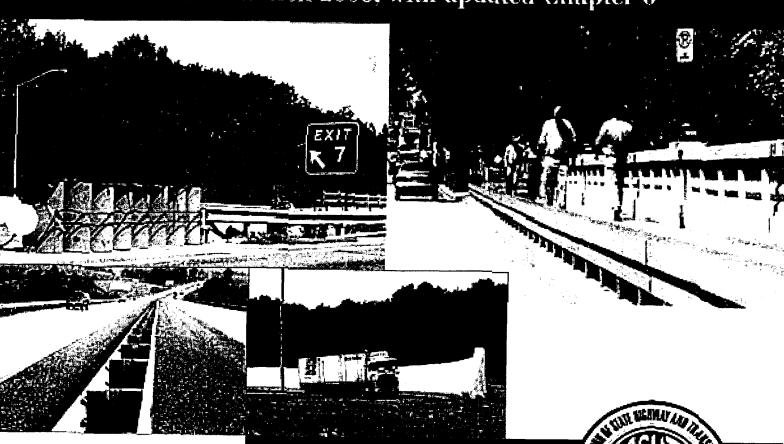
In addition, as we discussed at the meeting the following is the functional classification of the roadways:

- County Route 528 west of the intersection is classified as Urban Collector.
- County Route 528 east of the intersection is classified as Rural Collector.
- County Route 660 is a collector road and divides the Rural and Urban boundary in Chesterfield Township.

J. Brickley, County Engineer M. Livingston, Traffic Engineer

Roadside Design Guide

3rd Edition 2006, with updated Chapter 6



American Association of State Highway and Transportation Officials

444 North Capitol Street, N.W., Suite 249 Washington, DC 20001 (202) 624-5800 (tol) (202) 624-5806 (tax) www.transportation.org structure. Upon knockdown, the electricity in the support/structure should disconnect as close to the foundation as possible.

When luminaire supports are located near a traffic barrier, breakoway bases may or may not be applicable, depending upon the type and characteristics of the barrier. Luminaire supports should not be placed within the deflection distance of a barrier. For the most part, the impact performance of barriers interacting with a luminaire support breakaway device during a crash has not been determined. This situation should be avoided unless crash testing of a particular combination of devices indicates that the performance is acceptable. If the support must be within the design deflection distance of the barrier, it should be a breakaway design or the railing should be stiffened locally to minimize the resultant deflection. Details on traffic barrier types and characteristics can be found in Chapters 5 and 6

Several state agencies mount luminaires on top of concrete median batriers, a practice that often requires modification to the luminaire support or median barrier or both. This type of installation generally does not use breakaway supports because of the risk a downed pole might present to opposing traffic. A consideration in this design is the likelihood of truck impacts with the barrier, since a truck bed will typically overhang short barriers during an impact and could snag on the support that is located there. The resultant vehicle deceleration may be unacceptable.

A final consideration on roadway lighting is a reduction in the total number of luminaires used along a section of highway. Higher mounting heights may significantly reduce the total number of supports needed. The ultimate design in this respect is the use of tower or high-mast lighting that requires far fewer supports located much farther from the roadway. From a roadside safety perspective, this is a preferred method for lighting major interchanges.

4.6 SUPPORTS FOR TRAFFIC SIGNALS AND MISCELLANEOUS TRAFFIC SERVICE DEVICES

Other relatively narrow objects that are usually located adjacent to the roadway include traffic signals, motoristaid callboxes, failroad warning devices, fire hydrants, and mailboxes. These are discussed in the following sections.

4.6.1 Traffic Signals

Traffic signal posts present a special situation where a breakaway support may not be practical or desirable. As with luminaire supports, a fallen signal post may become

an obstruction. However, the potential risks associated with the temporary loss of full signalization at the intersection should be considered.

When traffic signals are installed on high-speed facilities (generally defined as those having speed limits of 80 km/h [50 mph] or greater), the signal supports, and the signal support box if not mounted on one of the signal support potes, should be placed as far away from the readway as practicable. Shielding these supports can be considered if they are within the clear zone for that particular roadway. Consideration should be given to using breakaway supports for post-mounted signals installed in wide medians.

4.6.2 Motorist-Aid Callboxes

Motorist-aid callboxes should be treated as roadside obstacles. Their proximity to the traveled way warrants the use of crashworthy breakaway supports. Because of their size and weight, they can usually be designed to meet vehicle change-in-velocity requirements. A callbox must be securely attached to its support to prevent its separating and penetrating the windshield.

To the extent possible, callboxes should be located behind traffic barriers warranted for other reasons. Not only does this make them less likely to be hit, but it also reduces the risk of a motorist using a callbox being struck by a vehicle. Callboxes must be accessible to wheelchair users.

4.6.3 Railroad Crossing Warning Dovices

Highway and railroad officials must cooperatively decide on the type of warning device needed at a particular crossing, e.g., crossbucks, flashing light signals, or gates. As a minimum, crossbocks are required and should be installed on an acceptable sign support. Other warning device supports, such as signals or gates, can cause an increase in the severity of injuries to vehicle occupants if struck at high speeds. In these cases, if the support is located in the clear zone, consideration should be given to shielding the support with a crash cushion. Longitudinal barrier is not often used because there is seldom sufficient space for a proper downstream end treatment, a longer obstacle is created by installing a guardyail, and a vehicle striking a longitudinal barrier when a train is occupying the crossing may be redirected into the train. The designer must also be aware of the immediate risk to other motorists just after the devices are knocked down by impacting vehicles.

The controller is the most important component of the traffic signal; therefore, the designer must use extreme care in choosing a location for the controller at the intersection. As a minimum, the following criteria shall be adhered to:

- The controller shall be olfset as far as possible from the traveled roadway within the right-ol-way, allowing adequate work area for maintenance.
- The controller location shall provide the maintainer the best possible visibility of the signal indications when working on the cabinet.
- The controller location shall be the least vulnerable to vehicular accidents and shall not restrict sidewalk areas.

12-03.3 Traffic Signal Standards

Types, designs and certain typical installation details for traffic signal standards and their foundations are included in the NJDOT Standard Electrical Details.

Traffic signal standards and transformer bases shall be of aluminum alloy to support traffic signal mast arms with a length of 25 feet or less. When the mast arm exceeds 25 feet, the traffic signal standard shall be steel. They shall be mounted on foundations as follows:

Traffic Signal Standard	Foundation
Type "C"	Typo "SFT"
Type "K"	Type "SFK"
Type "S"	Type "STF"
Type "T"	Type "SFT"
Type "SC"	Type "STF"

Foundation Type "SFX" shall be installed in center barriers only and shall be used in special cases only. The designer must justify its use and obtain approval in writing. In conjunction with the installation, a small transformer base, Part No. NJTB-30 as shown on NJDOT Standard Electrical Details No. L-1501, shall be used. The Traffic Signal Standard Type "C" shall also be used when 12" signal face(s) of three sections or more are suspended at the end of the mast arm to obtain the minimum readway overhead clearance.

When 12" signal face(s) of four sections or more are suspended at the end of the mast arm, the Traffic Signal Standard Type "T" shall not be used. The roadway overhead clearance of the signal head shall be examined and calculated when a traffic signal standard, particularly Type "T", is installed at the low side of a banked section of roadway.

When a single free swinging indication is to be installed at the end of a mast arm, an aluminum signal head shall be used.

Traffic Signal Standard Type "K" shall be used for 25 foot mast arms.



The designer is responsible for loading calculations necessary to verily that the standard and arm will support the signal indications and signs. When the loading of a traffic signal standard or traffic signal arm is approaching its limit, a warning note "consult Traffic Signal & Safety Engineering for additional load" shall be shown near the installation on the plan.

Mast arm signs shall be free swinging in accordance with the standard details.

Traffic signal standards shall be located as follows:

- The minimum offset shall be 32° from face of curb or edge of pavement to center
 of the standard.
- Steel traffic signal standards should be located as far off the roadway as possible. A minimum of 5 feet from the face of the curb to the center of the steel traffic signal standard should be maintained.
- Traffic signal standards shall not be located in areas of handicap ramps nor shall they obstruct the crosswalks.
- Traffic signal standards, where feasible, shall also be used to support pedestrian signals and push buttons.
- 5. Traffic signal standards shall not be located on the traffic side of (in front of) the guide rail or any natural or manmade deflecting barrier. The location should provide the distance necessary for rail deflection when struck and a reachable distance for pedestrians to push the pedestrian push button. Exceptions on a case by case basis may be made only with approval of the Electrical Engineer in the Office of Traffic Signal and Safety Engineering.
- Traffic signal standards shall not be located near the curve of:
 - A corner with a radius of less than 15 feet, or;
 - A comer with a radius of less than 30 feet provided where trucks and buses turn right occasionally, or;
 - C. A corner with a radius of less than 50 feet provided where large truck combinations and buses frequently turn right.
- 7. The designer is responsible for locating and Identifying the horizontal and vertical clearances of the utility companies primary (750 volts or more) and secondary power lines and shall assure that the minimum clearances are in accordance with the NEW JERSEY ADMINSTRATIVE CODE CHAPTER 25 UTILITY ACCOMMODATION, Section 16:25-5.3 (c) and Section 10 of the NJDOT Procedures Manual. The designer shall coordinate the electrical design work with the present and future plans of the utility companies. All overhead and underground utilities must be shown on the plans. There shall be no conflicts with the lighting installation. See Figure 11-C.





Section 3B.15 Transverse Markings

Standard:

- Transverse markings, which include shoulder markings, word and symbol markings, arrows, stop lines, yield lines, crosswalk lines, speed measurement markings, speed reduction markings, speed hump markings, parking space markings, and others, shall be white unless otherwise provided in this Manual. Guidance:
- ∞ Because of the low approach angle at which pavement markings are viewed, transverse lines should be proportioned to provide visibility at least equal to that of longitudinal lines.

Section 3B.16 Stop and Yield Lines

Guidance:

 \mathbb{Q} Stop lines should be used to indicate the point behind which vehicles are required to stop in compliance with a traffic control signal.

Option:

- Stop lines may be used to indicate the point behind which vehicles are required to stop in compliance with a STOP (RI-1) sign, a Stop Here For Pedestrians (R1-5b or R1-5c) sign, or some other traffic control device that requires vehicles to stop, except YIELD signs that are not associated with passive grade crossings.
- Yield lines may be used to indicate the point behind which vehicles are required to yield in compliance with a YIELD (R1-2) sign or a Yield Here To Pedestrians (R1-5 or R1-5a) sign.

Standard:

- Except as provided in Section 8B.28, stop lines shall not be used at locations where drivers are required to yield in compliance with a YIELD (R1-2) sign or a Yield Here To Pedestrians (R1-5 or R1-5a) sign or at locations on uncontrolled approaches where drivers are required by State law to yield to pedestrians.
- Yield lines shall not be used at locations where drivers are required to stop in compliance with a STOP (R1-I) sign, a Stop Here For Pedestrians (R1-5b or R1-5c) sign, a traffic control signal, or some other traffic control device.
- Stop lines shall consist of solld white lines extending across approach lanes to indicate the point at which the stop is intended or required to be made.
- Yield lines (see Figure 3B-16) shall consist of a row of solid white isosceles triangles pointing toward approaching vehicles extending across approach lanes to indicate the point at which the yield is intended or required to be made.

Guidance:

- 08 Stop lines should be 12 to 24 inches wide.
- The individual triangles comprising the yield line should have a base of 12 to 24 inches wide and a height equal to 1.5 times the base. The space between the triangles should be 3 to 12 inches.
- If used, stop and yield lines should be placed a minimum of 4 feet in advance of the nearest crosswalk line of controlled intersections, except for yield lines at roundabouts as provided for in Section 3C.04 and at midblock crosswalks. In the absence of a marked crosswalk, the stop line or yield line should be placed at the desired stopping or yielding point, but should not be placed more than 30 feet or less than 4 feet from the nearest edge of the intersecting traveled way.
- ** Stop lines at midblock signalized locations should be placed at least 40 feet in advance of the nearest signal indication (see Section 4D.14),
- v=-lf yield or stop lines are used at a crosswalk that crosses an uncontrolled multi-lane approach, the yield lines or stop lines should be placed 20 to 50 feet in advance of the nearest crosswalk line, and parking should be prohibited in the area between the yield or stop line and the crosswalk (see Figure 3B-17).

Standard:

- 12 If yield (stop) lines are used at a crosswalk that crosses an uncontrolled multi-lane approach, Yield Here To (Stop Here For) Pedestrians (R1-5 series) signs (see Section 2B.11) shall be used.
- Yield (stop) lines and Yadd Here Ta (Stop Here For) Pedestrians signs should not be used in advance of
 crosswalks that cross on approach to or departure from a roundabout.
 Support:
- When drivers yield or stop too close to crosswalks that cross uncontrolled multi-lane approaches, they place pedestrians at risk by blocking other drivers' views of pedestrians and by blocking pedestrians' views of vehicles approaching in the other lanes.

December 2003 5501 Mi 15 to 38 36

39:4-141. Placing of Signs

The official, board or body charged with the maintenance of a highway or section thereof designated as a through street, or of an intersection designated as a stop intersection or a yield intersection, as provided in section 39:4-140 of this Title shall place "stop" signs or "yield right of way" signs, as in the designation provided, on the near right side of each highway intersecting the through street or of each entrance to the intersection where such sign is deemed necessary; except that on oneway streets, such signs may be placed on either or both near sides of the intersecting street or entrance, if approved by the director,

39:4-143. Intersecting Through Streets

When through streets intersect each other the director shall determine the highway to be known as the through street and cause the board or body having control of the highways to post only one of the highways.

39:4-144. Stopping or Yielding - Right of Way

No driver of a vehicle or street car shall onter upon or cross an intersecting street marked with a "stop" sign unless he has first brought his vehicle or street car to a complete stop at a point within 5 feet of the nearest crosswalk or stop line marked upon the pavement at the near side of the intersecting street and shall proceed only after yielding the right of way to all traffic on the intersecting street which is so close as to constitute an immediate hazard. No driver of a vehicle or street car shall enter upon or cross an intersecting street marked with a "yield right of way" sign without first slowing to a reasonable speed for existing conditions and visibility, stopping if necessary, and the driver shall yield the right of way to all traffic on the intersecting street which is so close as to constitute an immediate hazard; unless, in either case, he is otherwise directed to proceed by a traffic or police officer or traffic control signal, or as provided in section 39:4-145 of this Title.

39:4-145. Entering Intersection After Stopping

One or more vehicles or street cars following directly in line with another vehicle or street car and coming to a complete stop, caused by the first vehicle or street car nearest the intersection complying with section 39:4-144 of this Title, may proceed into or across the intersecting street without again coming to a complete stop. No driver of a vehicle or street car approaching the intersection on the intersecting street shall fail to yield to the vehicle so proceeding into or across the intersecting street.

ARTICLE 18A. HIGHWAY AND TRAFFIC SIGNS

A. GENERAL PROVISIONS

39 4-183 1 Legal Authority

19 4-183 in Installation by Municipalities of Traffic Control Devices at School Crimaing Intersections

39.4-183.16 Older and Walking Impaired Persons Crossing. 39.4-183.2 Signs Hereafter Excled. 39.4-183.5 Displaying Unauthorized Signs.

39.4-183.4 Signs Prohibited

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40:48-2.23 MUNICIPALITIES GENERALLY

of the place of amusement for which it was issued (plus the tax lawfully due on such original sale), but in no event shall the additional charge on the resale thereof exceed fifty per centum (50%) of the original charge, and each ticket or other device for admission shall have printed or stamped on the back thereof the name of the licensee making such resale and the original price of issue and the resale price thereof together with the tax thereon. Such licensee shall have prominently displayed at his place of business schedules showing tickets or other devices of admission offered for resale by him, together with the original prices of issue and the prices at which they are offered for resale. L.1947, c. 385, p. 1223, § 6, eff. July 3, 1947.

Library References

Theaters and Bhows 0=2.

C.J.S. Theaters and Shows 14 4-15.

40:48-2.24 Enforcement of ordinance; penalties; suspen-

The governing body of the municipality is authorized and empowered to enforce the provisions of any such ordinance and to fix penalties for violations, and further, to suspend or revoke any license which may be granted thereunder. L.1947, c. 385, p. 1223, § 7, eff. July 3, 1947.

Library References

Theaters and Shows C=1.

C.J.S. Theaters and Shows 5 3.

40:48-2.25 Penalties

The governing body of the municipality may provide penalties not in excess of one hundred dollars (\$100.00) for each offense and to recover all penalties in appropriate proceedings in respective municipal courts, and to fix terms of imprisonment for fallure to pay penalties imposed. L.1947, c. 385, p. 1223, § 8, eff. July 3, 1947.

40:48-2.26 Brush and hedges near roadways and intersections, cutting of

The governing body of every municipality shall have power to make, enforce, amend and repeal ordinances requiring the owner or tenant of lands lying within the limits of such municipality to keep all brush, hedges and other plant life, growing within ten feet of any roadway and within twenty-five feet of the Intersection of two readways, cut to a height of not more than two and a half feet where it shall be necessary and expedient for the preservation of the public safety, within ten days after notice to cut the same, and to provide for the cutting of the same by or under the direction of some officer of the municipality, to be designated in said ordinance, in cases where the owner or tenant shall have refused or neglected to cut the same in the manner and within the time provided above and to provide for the imposition of penalties for the violation of any such ordinance. L.1949. c. 152, p. 535, § 1, eff. May 19, 1949.

Historical Note

Title of Act:

An Act concerning municipalities, and supplementing chapter forty-eight of Title 40 of the Reviews Statutes. L.1949, c. 152, p. 535.

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Municipal Corporations @-065.

C.J.B. Municipal Corporations 1 1701 et seq.

40:48-2.27 Cost of cutting brush and hedges; charging against lands; lien

In all cases where brush, hedges and other plant life are cut from any lands within the limitations of section one hereof under any such ordinance, by or under the direction of an officer of the municipality, such officer shall certify the cost thereof to the governing body, which shall examine the certificate and if found correct shall cause the cost as shown thereon to be charged against said lands, or in the event that such cost is excessive to cause the reasonable cost thereof to be charged against said lands. The amount so charged shall forthwith become a lien upon such lands and shall be added to and become and form part of the taxes next to be assessed and levied upon such lands, the same to bear interest at the same rate as other taxes and shall be collected and enforced by the same officers and in the same manner as taxes. L.1949, c. 152, p. 535, § 2, eff. May 19, 1949.

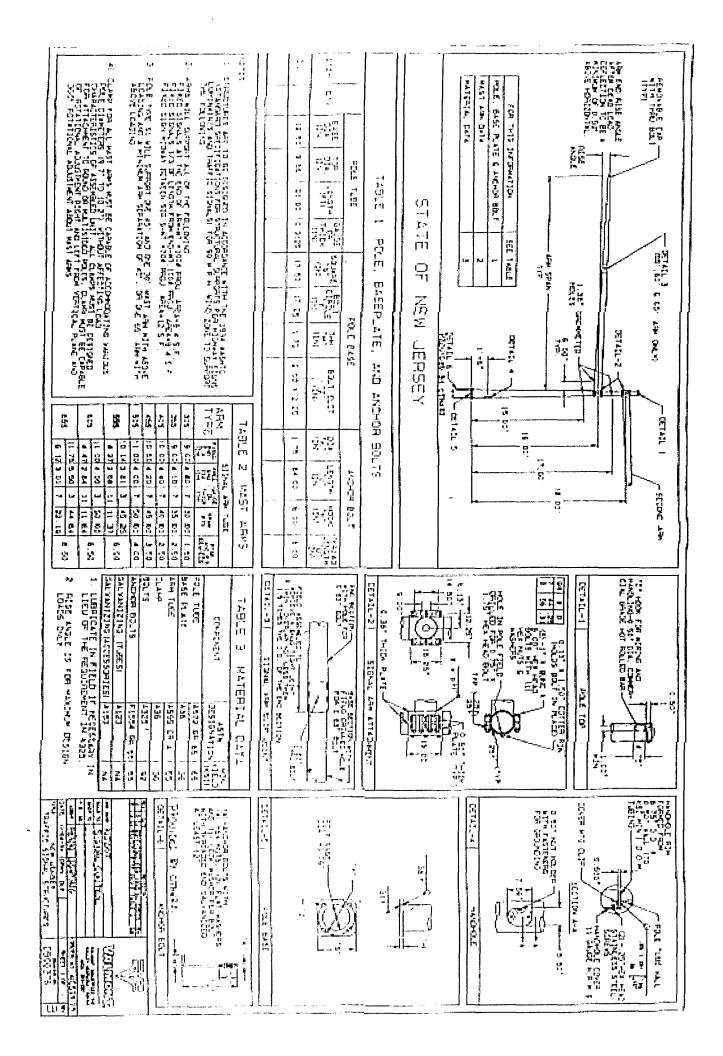
Library References

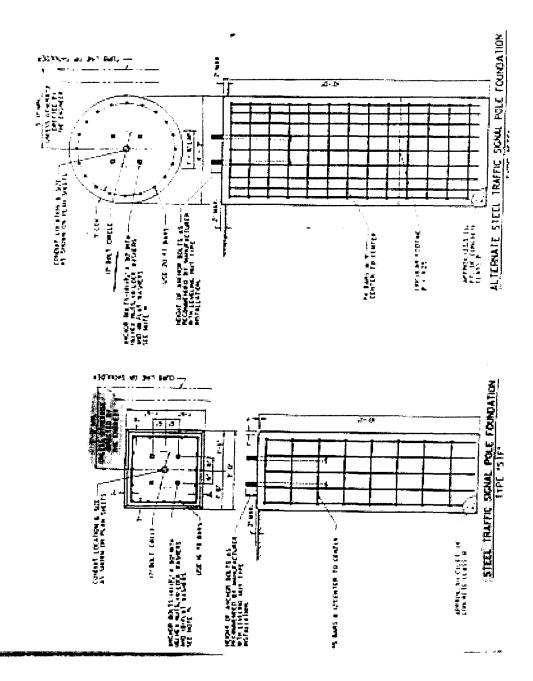
Municipal Corporations 2005.

C.J.S. Municipal Corporations | 1701 et seq.

40:48-2.28 Fire prevention ordinances authorized

In addition to powers granted pursuant to article 1 of chapter 48 of Title 40 of the Revised Statutes, the governing body of any





ROUTE 528 EAST

LANE 1

Dry Testing

			SN40		
Rte	Dir	MP	LANE 1		
	528 E	0.00	74.9		
	528 E	0.03	76.2		
	528 E	0.07	74.1		
	528 E	0.10	75.7		
	528 E	0.14	69.4		
	528 E	0,17	78.1		

Wet Testing

Rte	Dir	MP	SN40 RUN 1	SN40 RUN 2	SN40 RUN 3	SN40 AVERAGE
	528 E	0.00	44.8	46.1	46.8	45.9
	528 E	0.03	43.0	45.7	45.1	44.6
	528 E	0.07	44.3	44.5	44.7	44.5
	528 E	0.10	43.4	45.4	45.1	44.6
	528 E	0.14	41.8	41.9	42.7	42.1
	528 E	0.17	37.6	41.0	37.9	38.8

Test Date: 2/22/12

Note: All skid numbers are reported at a speed of 40 MPH.

The posted speed limit for this section of roadway is 45 MPH.

The recommended minimum skid number for wet test results at 45 MPH is 35 All skid numbers exceed the minimum requirements for wet testing.

Ambient Air Temperature = 48' F