South Jersey Transportation Planning Organization 2007 Road Safety Scan

Atlantic County



Prepared By:



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In Association with:



August 28, 2007

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Introduction

Orth-Rodgers & Associates, Inc. (ORA) and its subconsultant, A-Tech Engineering, Inc., were selected by the South Jersey Transportation Planning Organization (SJTPO), to conduct their 2007 Road Safety Scan on county roads in the western sector of Atlantic County and eastern sector of Cumberland County.

The sections of roadway to be studied were selected by SJTPO with the cooperation of Atlantic and Cumberland Counties. Forty-four sections of road, consisting of 168 miles of road, were included in the original RFP. Firms were requested to include in their proposal the number of sections they thought they could do for the budget allotted for the project. ORA committed to doing daytime and nighttime observations of 115.59 miles of road or daytime observations of all 168 miles of road and one nighttime scan of selected roads if it was felt that the nighttime scan would reveal significant findings. SJTPO selected the latter option.

Thirteen sections of road (approximately 46 miles) were in Atlantic County and thirty-one sections (approximately 122 miles) were in Cumberland County.

The sections of road that were scanned in Atlantic County are listed on page 2 of this report.

Western Atlantic County Road Safety Scan, FY 2007 List of Roads

Order of Priority	County Road	Milepost	Segment Names	Beginning and End	Municipalities	Length In Miles
1	637	0.00 to 5.44	Cumberland Avenue	Cumberland County Line/ U.S. 50	Estell Manor City, Weymouth	5.44
2	666	0.00 to 8.09	Cape May Avenue	U.S. 49/ Tuckahoe Road	Estell Manor City, Weymouth	8.09
3	669	1.97 to 6.06	11 th Avenue	Maple Avenue/ U.S. 50	Weymouth, Estell Manor City	4.09
4	557	30.32 to 30.38	Tuckahoe Road	U.S. 40/ Franklin Township Line	Buena Vista Twp.	0.06
5	622	0.00 to 0.32	Cedar Avenue	Harding Highway/ Railroad Boulevard	Buena Vista Twp.	0.32
6	619	0.00 to 3.12	Wheat Road	Cumberland County Line/ Harding Hwy.	Buena Borough	3.12
7	627	0.77 to 2.46	Central Avenue	Buena Vista Twp. Line/ Harding Hwy.	Buena Borough	1.69
8	672	0.00 to 2.22	Brewster Road	Cumberland Co. Line/ Gloucester Co. Line	Buena Borough	2.22
9	682	0.00 to 1.84	Summer Road	Brewster Road/ Harding Highway	Buena Borough	1.84
10	690	0.00 to 2.22	Weymouth Road	Gloucester County Line/ Friendship Road	Buena Borough	2.22
11	561S	0.00 to 4.00	Mays Landing – Blue Anchor Road	Camden County Line/ U.S. 322	Folsom	4.00
12	623	0.00 to 10.74	Weymouth-Elwood Road/ Elwood- Pleasant Mills Road	Weymouth Road/ Weekstown-Pleasant Mills Road	Hamilton, Mullica	10.74
13	640	0.00 to 2.20	Weymouth Road	Blueberry Road (Second Road)/ White Horse Pike	Hamilton, Mullica, Hammonton	2.20
					TOTAL	





Understanding of the Project

This Road Safety Scan (RSA) is a scaled down version of a Road Safety Audit (RSA) which allows the assigned traffic engineers, with safety study backgrounds, to cover significantly more road mileage than could be accomplished by any RSA.

By driving the selected roadway sections, first at the posted speed limit and then at slower speeds, stopping as necessary to take pictures and measurements, the traffic engineers will be looking for deficiencies in the traffic signals, signing, pavement markings, clear zone violations, sightlines at intersections, edge of pavement drop-offs, guide rail end treatments, embankments, etc. Local participation in the RSA is encouraged, as the local officials are often the most familiar with the safety issues along their roads, along with any recent or proposed improvements. To assist in office reviews and for future County reference, voice-over videotape for each direction of travel for all roadway segments was taken.

As with an RSA, there are three primary parts of an RSS: 1) the data collection phase; 2) the field view; and, 3) the preparation of the report and findings.

The data collection phase is much abbreviated from an RSA. Crash data printouts for the various sections of road are obtained in a format listing the crashes in order by milepost, type, direction of travel, weather condition, light condition, date, time of day, and injury. The data is reviewed by the traffic engineers prior to and during the scans to assist them in identifying potential safety problems. The **field view is** conducted by the traffic engineers and any local and county safety officials wishing to participant. The team leader prepares a **draft report** that documents the RSS findings and any recommended actions. The draft report is distributed to the SJTPO, the County and any other local officials who participated in the Scan. A final report is then prepared by the team leader incorporating the agreed upon draft report comments.

TECHNICAL APPROACH

Field Views

Once arriving on site, the roadway segment is initially driven in each direction for its entire length at the posted speed limits in order to obtain an overview of the route, prevailing conditions, and general opinions of the traffic controls, roadway environment, noting locations previously identified as high crash locations.

The next step is to drive the roadway at much slower speeds, stopping as necessary to evaluate a specific location, take pictures which can be used in the report, obtain measurements if needed, identify any deficiencies along with recommendations to alleviate those deficiencies. Each location is identified as accurately as possible by milepost or distance from an intersection or prominent buildings, objects, etc.

Each roadway will be driven as many times as necessary in both directions until such time as it is felt that all shortcomings have been identified.

Report

Due again to the budgeting constraints, the final report will not contain some of the background information. After a brief introduction, the report will state what was audited, when, by whom, and the general findings. This will be followed by specific site findings, justification for and recommended solutions. In order to clearly identify the problem locations, pictures and sketches will be included as deemed appropriate. A table will be developed similar to that used in the RSA reports to identify recommended improvements. They also will be made part of the final report. Both a draft and final report (5 copies) will be prepared in sufficient detail to enable advancement of the recommended improvements.

Videotaping

All road segments were videotaped through the windshield of a vehicle in both directions. In order to make the videotape more "user friendly," a voice will be heard during the taping with the following information as the tape progresses along the route: the roadway name, date of the filming and direction of travel will be announced at the beginning of each route and when turning around to film in the other direction.

As the film progresses, the videographer will announce the name of each cross street (if clearly identified), speed limits as they change, mile posts, schools, firehouses, municipal buildings, playgrounds, and other key landmarks.

THE SCANS

The actual scans were conducted in the winter and spring of 2007. All scans were conducted by Mr. Deitch and Mr. Strathern who were on almost all of the scans accompanied Mr. John Masi and Mr. Edward Newman of the Atlantic County Engineer's office. The participation of Mr. Masi and Mr. Newman was an invaluable asset to the team. Their knowledge of the roads and their past safety issues, recent changes and improvements, as well as the planned improvements contributed greatly to the usefulness of the scans. This cannot be overstated and Atlantic County should be commended for their participation.

As the scanning progressed it was decided that additional emphasis and time would be spent on identifying worn signs and pavement markings during the daytime scans so that night time observations would not be necessary.

The next section of the report summarizes the findings from the roadway inspections. Each roadway section has a number shown in the index from 1 to 13. Each specific safety issue is consecutively numbered so that the safety issue number for each roadway segment has a unique number, i.e., 3-4 designates the fourth safety issue found on road segment 3, CR 669 (11th Avenue).

Findings

Location 1

CR 637 MP 0.00 to MP 5.44

Location 1 – CR 637 – MP 0.00 to MP 5.44

Cumberland Avenue Cumberland County Line/ U.S. 50 Estell Manor City, Weymouth (5.44 miles)

DAYTIME FIELD VIEW CR 637 – Cumberland Avenue LEVEL OF EFFORT REQUIRED POTENTIAL SAFETY BENEFIT LOW **MEDIUM** SAFETY ISSUE REMEDIAL ACTION HIGH LOW **MEDIUM** HIGH General comment - Sign installation. Consideration should be given to 1-1 Χ Χ Many of the signs along the road are inventorying the method of sign installed as "bendaway" rather than installation along the entire road "breakaway." Many installed as and taking steps to properly install "breakaway" are installed incorrectly with all signs as "breakaway" in the stub too far out of the ground or on accordance with the most current the wrong side of the post. NJDOT standards and the MUTCD.

Location 1 – Field View continued

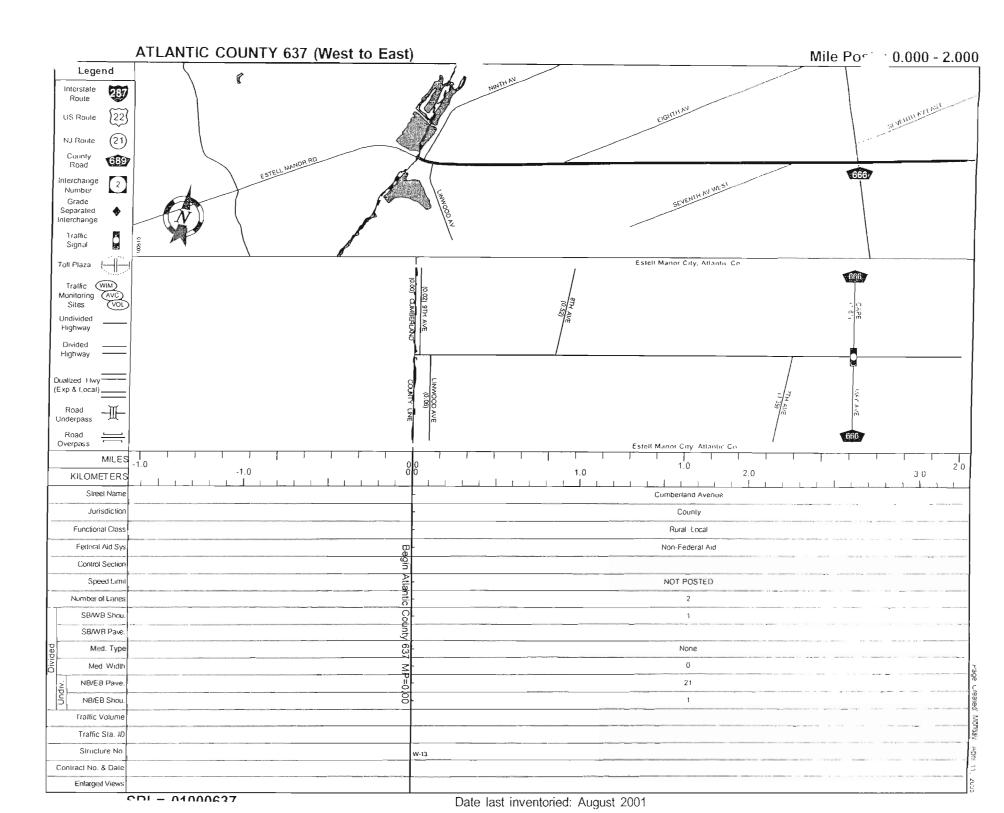
			LEVEL (OF EFFORT RE	QUIRED	POTENT	IAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
1-2	General Comment - The pavement marking are worn along the road.	Re-install pavement markings along the road.	X				X	
1-3	Crash report indicates a fatal crash occurred at milepost zero on May 27, 2004. The crash involved a westbound vehicle running off the road. It appears to have struck the northern end of the bridge abutment on the eastbound side of the road. There is guide rail on the bridge but that guide rail is attached to the bridge abutment and does not continue beyond the abutment.	It is recommended that: The guide rail at the bridge should be designed to current standards. Type 3 object markers should be installed on both sides of both ends of the bridge. RPMs should be installed along both approaches to the curve and bridge. The pavement markings should be re-installed along both approaches to the bridge. The pavement markings should be re-installed along both approaches to the bridge. Since the bridge is the corporate line between Atlantic and Cumberland Counties, it is recommended that Atlantic County coordinate effort at this location with Cumberland County to implement those recommendations within their jurisdictional limits.			X			X

Location 1 - Field View continued

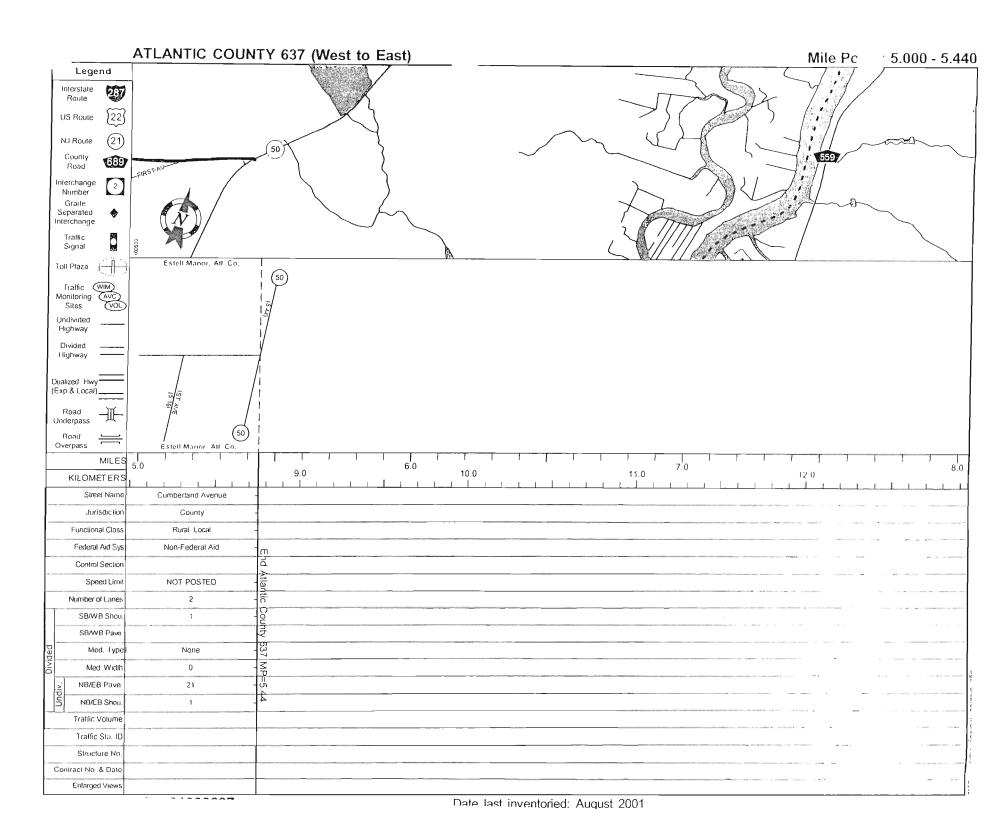
			LEVEL	OF EFFORT RE	EQUIRED	POTENT	TIAL SAFETY I	BENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
1-4	There is no advisory speed for the curve at milepost zero.	It is recommended that the curve be speed rated and if found warranted an advisory speed plate be installed with the curve warning symbol sign facing westbound traffic. Additionally, for added emphasis consideration should be given to installing flashing yellow beacons with the curve sign.		X				X
1-5	At Seventh Avenue - "STOP" sign on Seventh Avenue is twisted so that it is readily visible to eastbound CR 637 traffic.	Sign be relocated approximately 25 feet farther from the intersection and installed so that it is less visible to CR 637 traffic.	X			Χ		
1-6	Both directions of travel - milepost marker 2 is missing.	Install missing milepost markers.	X			X		
1-7	Eastbound side just east of CR 666 - confirming route marker CR 637, post-supporting sign is leaning.	Re-install existing post and sign.	X			X		
1-8	Eastbound approaching CR 557 - non- conforming (square sign with circular decal) highway-rail grade crossing advance warning sign (W10-1).	Replace sign with new W10-1 that conforms to the current MUTCD.	X			Х		
1-9	At Honest John Road - "STOP" sign on Honest John Road is 24"x 24".	Replace "STOP" sign with new 30" x 30" sign.	Х				Х	
1-10	At 1 st Avenue - "STOP" sign on 1 st Avenue is visible to eastbound CR 637 traffic.	It is suggested that an attempt be made to reduce the visibility of the sign to eastbound CR 637 traffic by relocating it farther from the intersection	X			X		
1-11	Eastbound approaching RT 50 - "STOP AHEAD" warning sign is defaced.	Repair or replace sign.	X			Х		
1-12	Westbound at CR 557 - Existing over- sized "STOP" sign is worn.	Replace with new over-sized "STOP" sign	Х			Х		

Location 1 – Field View continued

			LEVEL (OF EFFORT RE	QUIRED	POTENT	IAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
1-13	Westbound- northwest corner of CR	Replace with new sign.	X			X		
	557- white on green guide sign is worn.							
1-14	Westbound side in the vicinity of	It is suggested that the need for the			X		X	
	milepost 4.5 - guide rail with end	guide rail be evaluated and if						
	treatments that do not conform to current	retained it be upgrade to conform						
	standards. The need for guide rail is	to current standards.						
	questionable.							



Date last inventoried: August 2001



ARDLSTRT'

February 1, 2007

NEW JERSEY DEPART OF TRANSPORTATION

BUREAU OF ETY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 637

Pc

MILEPOST 0.000 TO 5.440

01/01/2003 TO 12/31/2005

ROAD SYSTEM DOC LOC NUM	COLLISION INVOLVED	VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LITE	DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB	NO KIL	ON UNI	_
COUNTY ROAD 04061969 04332404	CR 637 ANIMAL DEER RAN OFF ROAD	MP 000.02 W- PASS-GOING STRT W- PASS-GOING STRT	NEAR NINTH AVENUE 	-	. ,	ESTELL MANOR CITY MON 12:06 ANIMAL ACTION THR 03:28 OTHER	ATLANTIC	1 0 1	<i>0</i> 0	2
COUNTY ROAD 05233600	CR 637 ANIMAL - DEER	MP 000.06 S- PASS-GOING STRT	AT LINWOOD ROAD	C/D DARK	09/17/05	ESTELL MANOR CITY SAT 11:27 ANIMAL ACTION	ATLANTIC	<i>0</i> 0	0	J.
COUNTY ROAD 05226393	CR 637 TRAF SN POST	MP 000.42 E- OTHR-GOING STRT	NEAR EIGHTH STREET 	C/D DNDK (ESTELL MANOR CITY THR 18:44 DRI INATTENTION	ATLANTIC	0	2	1
COUNTY ROAD 04054733	CR 637 RAN OFF ROAD	MP 000.52 S- UNKN-GOING STRT	AT EIGHTH AVENUE 	C/D UNKN (ESTELL MANOR CITY WED: UNKNOWN	ATLANTIC	<i>0</i>	<i>0</i> 0	1
COUNTY ROAD 03241983	CR 637 ANIMAL - DEER	MP 001.31 W- PASS-GOING STRT	NEAR CR 666	C/D DAY (09/19/03	ESTELL MANOR CITY FRI 11:08 ANIMAL ACTION	ATLANTIC	0	<i>0</i> 0	1
COUNTY ROAD 05086862	CR 637 ANGLE	MP 001.61 E- RCVH-GOING STRT	AT UNKNOWN INTERSECT S- PASS-GOING STRT			ESTELL MANOR CITY MON 18:59 FAIL TO YLD ROW	ATLANTIC NONE	0	2	1
COUNTY ROAD 04159730	CR 637 ANIMAL - DEER	MP 004.44 W- PASS-GOING STRT	NEAR RT 50	C/D DARK O		ESTELL MANOR CITY FRI 00:15 ANIMAL ACTION	ATLANTIC	<i>0</i> 0	0	7

2007059 Safety Scan





Location 2

CR 666 MP 0.00 to MP 8.09

Location 2 - CR 666 - MP 0.00 to MP 8.09

Cape May Avenue U.S. 49/ Tuckahoe Road Estell Manor City, Weymouth (8.09 miles)

DAYTIME FIELD VIEW

CR 666 – Cape May Avenue

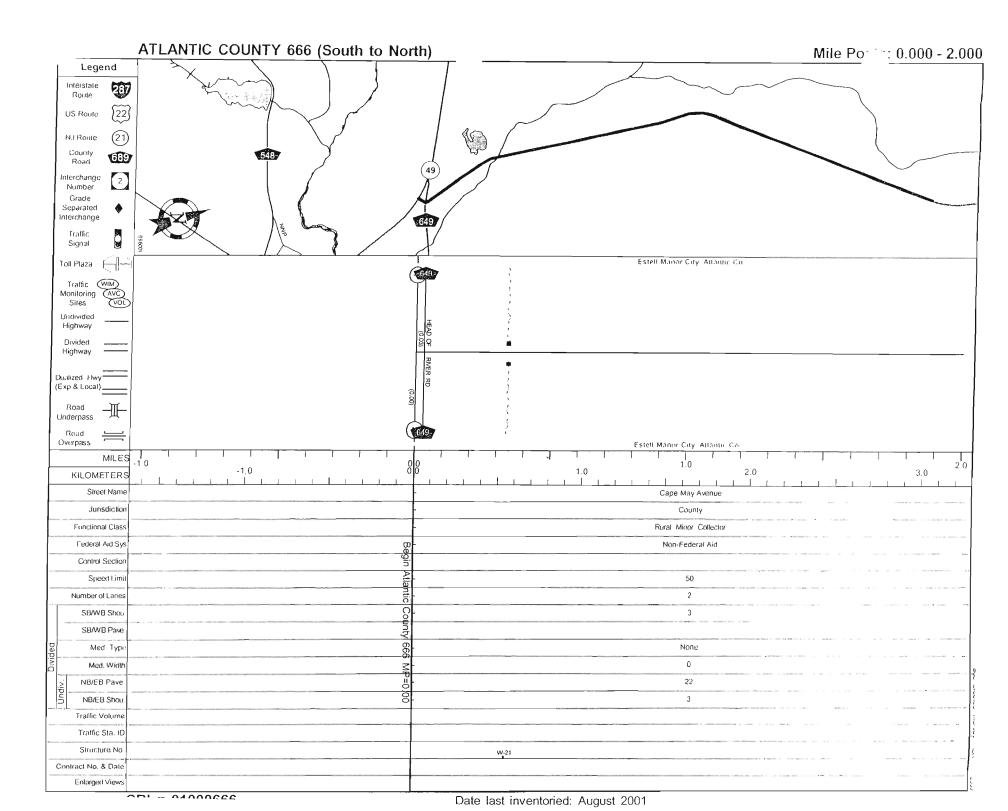
			LEVEL	OF EFFORT RE	QUIRED	POTENT	TAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
2-1	General comment - Sign installation. Many of the signs along the road are installed as "bendaway" rather than "breakaway." Many installed as "breakaway" are installed incorrectly with the stub too far out of the ground or on the wrong side of the post.	Consideration should be given to inventorying the method of sign installation along the entire road and taking steps to properly install all signs as "breakaway" in accordance with the most current NJDOT standards and the MUTCD.		X			X	
2-2	General Comment - Pavement markings are worn in the sections of the road that were not recently re-surfaced.	Re-install pavement markings in sections of road that have not recently been resurfaced.	Х				X	
2-3	Northbound in the vicinity of milepost 0.3 - curve in road could be better delineated.	Install chevron alignment signs facing northbound traffic behind the guide rail along the southbound side of the road.	Х				X	
2-4	Southbound side just north of milepost 1 - guide rail on curve without reflectors	It is suggested that reflectors be installed on guide rail.	X			Х		
2-5	Northbound side in the vicinity of milepost 2.5- guide rail on curve without reflectors	It is suggested that reflectors be installed on guide rail.	X			X		
2-6	Northbound side in the vicinity of milepost 2.7 - crossroad symbol sign with supplemental plate "FIRST AVE". Both sign and plate are damaged.	Install new sign and supplemental plate.	Х			X		

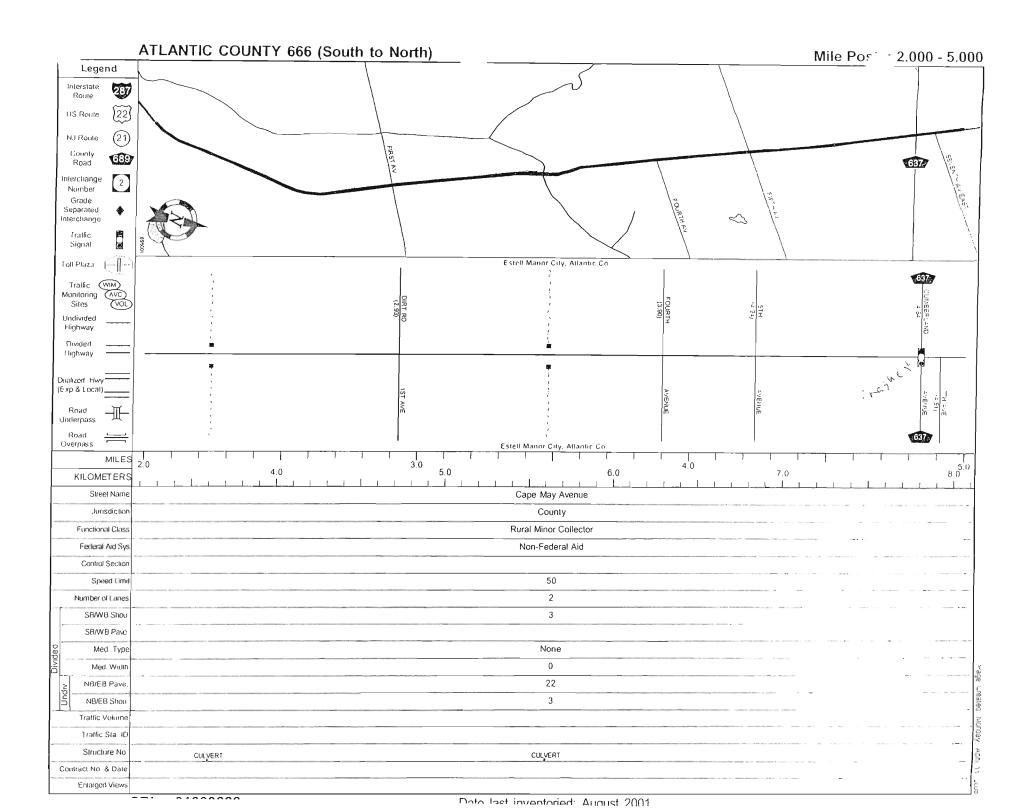
Location 2 - Field View continued

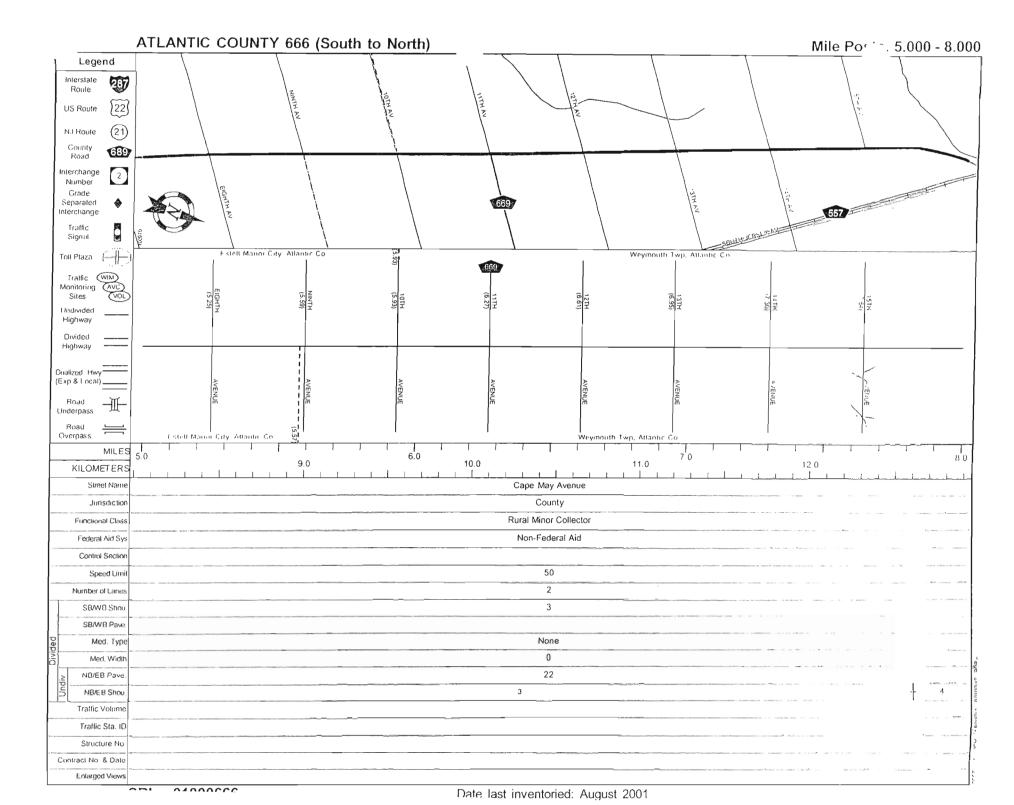
			LEVEL	OF EFFORT RE	QUIRED	POTENT	IAL SAFETY B	BENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
2-7	Northbound side in the vicinity of milepost 3.0 - "SPEED LIMIT 50" sign partially obstructed by tree branches.	Trim tree branches to improve visibility of sign.	X			X		
2-8	Northbound side in the vicinity of milepost 3.5 - southern end of guide rail is damaged .End treatment of northern end of guide rail does not appear to conform to current standards nor does the southern end which is damaged. The guide rail lacks reflectors. Need for guide rail at this location is questionable.	The need for the guide rail should be evaluated and if retained the end treatments of the guide rail be upgraded to conform to current standards and reflectors be installed on guide rail.			Х		X	
2-9	Southbound side in the vicinity of milepost 3.5 - guide rail on curve without reflectors.	Suggested that reflectors be installed on guide rail.	X			Х		
2-10	At Fifth Avenue - "STOP" signs along both Fifth Avenue approaches appear to be 24"x 24" signs and are worn.	Replace "STOP" signs along both Fifth Avenue approaches with new 30" x 30" signs.	Х				X	
2-11	Southbound side vicinity of milepost 7.7 - "SPEED LIMIT 50" installed too far from the edge of the road to where utility pole obstructs visibility of sign. Also, sign is damaged.	Replace with new sign installed closer to the edge of the road where it will not be obstructed by utility pole.	Х			X		
2-12	At Fifteen Avenue - there is a new 24" x 24" "STOP" sign along the Fifteen Avenue approach to the intersection.	It is suggested that the existing "STOP" sign be replaced with a 30" x 30" sign.	X				Х	
2-13	At Fourteen Avenue - 24" x24" "STOP" sign along the Fourteen Avenue westbound approach.	It is suggested that the existing "STOP" sign be replaced with a 30" x 30" sign.	Х				Х	
2-14	Southside side south of CR 637 - "SPEED LIMIT 50" sign is worn.	Replace with new sign.	X			X		
2-15	Southbound side in the vicinity of milepost 3.7 - "S" curve symbol warning sign to the left is worn.	Replace with new sign.	Х			Х		

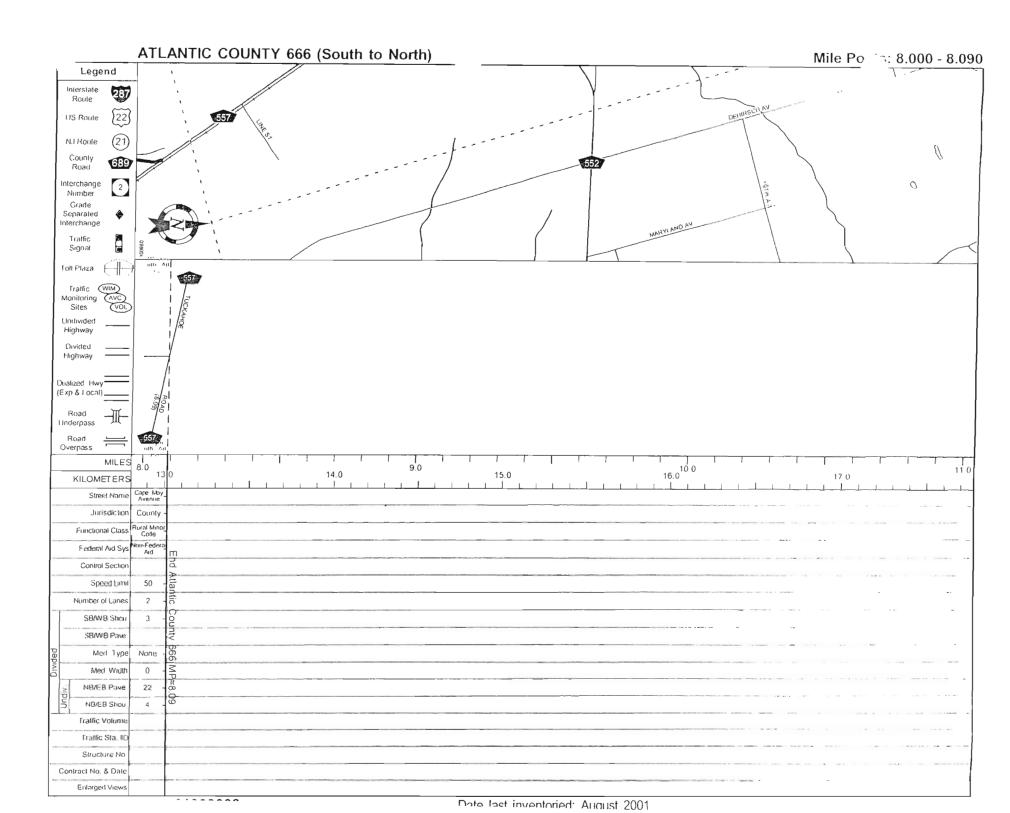
Location 2 – Field View continued

			LEVEL (OF EFFORT RE	QUIRED	POTENT	IAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
2-16	Southbound side in the vicinity of milepost	The need for the guide rail should be		X			X	
	3.7 - need for guide rail at this location is	evaluated and if retained reflectors						
	questionable. Guide rail lacks reflectors.	be installed on guide rail.						
2-17	Southbound side approaching First	Install new sign and supplemental	X			X		
	Avenue- crossroad symbol warning sign	plate.						
	with supplemental plate "FIRST AVE",							
	both sign and plate are damaged.							
2-18	Southbound in the vicinity of milepost 2.6	Install chevron alignment signs	X				X	
	- curve in road could be better delineated.	facing southbound traffic along the						
		north -bound side of the road.						
2-19	Southbound in the vicinity of milepost 2.2	Replace with new sign.	X			X		
	- curve warning symbol sign to the right is							
	worn.							
2-20	Southbound approaching CR 649 - there is	Crossroad symbol warning sign is	X			X		
	a crossroad symbol warning sign prior to a	unnecessary and should be removed.						
	"STOP AHEAD" warning sign.							









NEW JERSEY DEPART: OF TRANSPORTATION BUREAU OF . LTY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 666

MILEPOST 0.000 TO 8.090 01/01/2003 TO 12/31/2005

ROAD SYSTEM	COLLISION INVOLVED	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LIT	E DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB CIRCUMSTANCES	NO KII,	NO 1NJ	NO A.C.C'
COUNTY ROAD 04049636	CR 666 RAN OFF ROAD	MP 000.23 S- PASS-GOING STRT	NEAR CR 649	C/D DAR	02/20/04	ESTELL MANOR CITY FRI 21:10 DRI INATTENTION	ATLANTIC	0	1	1
COUNTY ROAD 04211496	CR 666 RAN OFF ROAD	MP 000.70 S- MCYC-GOING STRT	NEAR RT 49	C/D DAY	08/21/04	ESTELL MANOR CITY SAT 12:21 UNSAFE SPEED	ATLANTIC	<i>Q</i> 0	I.	1
COUNTY ROAD 05159958	CR 666 ANIMAL - DEER	MP 001.00 S- MCYC-GOING STRT	NOT AT INTERSECTION	C/D DAR	07/14/05	ESTELL MANOR CITY THR 02:33 ANIMAL ACTION	ATLANTIC	() O	1	2.
COUNTY ROAD 04037591	CR 666 TREE	MP 001.10 N- PASS-GOING STRT	NEAR RT 49	C/D DARK	01/31/04	ESTELL MANOR CITY SAT 23:18 DRI INATTENTION	ATLANTIC	0	<i>0</i> 0	1
COUNTY ROAD 03147082 03196363	CR 666 GUIDE RAIL RAN OFF ROAD	MP 001.13 W- PASS-GOING STRT N- PASS-GOING STRT	NEAR CR 649 	*.	*. *.	ESTELL MANOR CITY SUN 21:27 DRI INATTENTION FRI 19:29 DRI INATTENTION	ATLANTIC	<i>O</i> 0 0) ()	2
COUNTY ROAD 03314495	CR 666 RAN OFF ROAD	MP 003 84 N- VAN-GOING STRT	NEAR FOURTH AVENUE	S/S DAY	12/05/03	ESTELL MANOR CITY FRI 08:33 UNSAFE SPEED	ATLANTIC	0	0	J
COUNTY ROAD G3011047	CR 666 ANIMAL - DEER	MP 004.64 E- PASS-GOING STRT	NEAR CR 637	C/D DAY	01/07/03	ESTELL MANOR CITY TUE 16:17 ANIMAL ACTION	ATLANT1C	0	0	1
COUNTY ROAD 04143858	CR 666 SAME DIR-SIDE	MP 005.59 N- VAN-LEFT TURN	AT UNKNOWN INTERSECT N- VAN-GOING STRT	'ION R/W DAY	06/06/04	ESTELL MANOR CITY SUN 05:45 IMP TURN SIGNAL	<i>ATLANTIC</i> NONE	0	0	1
COUNTY ROAD 04104097	CR 666 SAME DIR-SIDE	MP 005.93 N- PASS-LEFT TURN	AT UNKNOWN INTERSECT N- PICK-GOING STRT		05/02/04	WEYMOUTH TWP SUN 08:58 DRI INATTENTION	ATLANTIC NONE	0	<i>0</i> 0	J
COUNTY ROAD 05034574	CR 666 RAN OFF ROAD	MP 006.02 N- PICK-GOING STRT	NEAR TENTH AVENUE	S/I DAY	01/30/05	WEYMOUTH TWP SUN 13:40 OTHER	ATLANTIC	0	1	1
COUNTY ROAD 05097733	CR 666 ANIMAL	MP 006.26 S- PASS-GOING STRT	NEAR CR 669 	C/D DAY	05/02/05	WEYMOUTH TWP MON 07:44 ANIMAL ACTION	ATLANTIC	0	0	1
COUNTY ROAD	CR 666 ANIMAL - DEER	MP 006.57 N- PASS-GOING STRT	NEAR TWELFTH AVENUE	C/D DAY	08/09/03	WEYMOUTH TWP SAT 13:48 UNKNOWN	ATLANTIC	0	1	3
COUNTY ROAD 03119457	CR 666 RAN OFF ROAD	MP 006.64 N- PICK-GOING STRT	NEAR TWELFTH AVENUE	R/W DAY	05/23/03	WEYMOUTH TWP FRI 07:28 IMP PASSING	ATLANTIC	0	7	1
COUNTY ROAD 05307077	CR 666 SAME DIR-SIDE	MP 006 82 N· PICK-LEFT TURN	NEAR ATLANTIC COUNTY N- TC15-GOING STRT		12/18/05	WEYMOUTH TWP SUN 13:59 FAIL TO YLD ROW	ATLANTIC NONE	<i>Q</i>	0	1

ARDLSTRT2

February 1, 2007 NEW JERSEY DEPART: OF TRANSPORTATION P.a >

BUREAU OF ETY PROGRAMS DETAIL OF MOTOR EHICLE ACCIDENTS

ON ROUTE 666

MILEPOST 0.000 TO 8.090 01/01/2003 TO 12/31/2005

ROAD SYSTEM	COLLISION	VEHICLE 1 DIR TRAV	VEHICLE 2 DIR TRAV WEA VEH 1 CONTRIB VEH 2 CONTRIB	NO	NO	NO
DOC LOC NUM	INVOLVED	VEH TYPE, VEH ACTN	VEH TYPE, VEH ACTN SUR LITE DATE DOW TIME CIRCUMSTANCES CIRCUMSTANCES	KTL	INJ	ACC
COUNTY ROAD	CR 666		NEAR THIRTEENTH AVENUE WEYMOUTH TWP ATLANTIC C/D DARK 10/01/05 SAT 04:16 ANIMAL ACTION	0	0	J.
05240986	ANIMAL - DEER	S- AMBL-GOING STRT	C/D DARK 10/01/03 SAI 04:16 ANIMAL ACTION	U	()	
COUNTY ROAD	CR 666	MP 006.91	NEAR THIRTEENTH AVENUE WEYMOUTH TWP ATLANTIC	О	0	1
03221577	ANIMAL - DEER	N- POLC-GOING STRT	C/D DNDK 07/17/03 THR 05:25 ANIMAL ACTION	0	0	
COUNTY ROAD	CR 666	MP 006.93	NEAR THIRTEENTH AVENUE WEYMOUTH TWP ATLANTIC	0	0	1
04277276	ANIMAL - DEER	N- PASS-GOING STRT	C/D DARK 11/11/04 THR 17:11 ANIMAL ACTION	0	0	
COUNTY ROAD	CR 666	MP 007.03	NEAR CR 557 WEYMOUTH TWP ATLANTIC	0	0	1
04143862	ANIMAL - DEER	N- PASS-GOING STRT	C/D DAY 06/21/04 MON 07:47 ANIMAL ACTION	0	0	
COUNTY ROAD	CR 666	MP 007.28	NEAR FOURTEENTH AVENUE WEYMOUTH TWP ATLANTIC	О	0	1
03154299	SAME DIR-REAR	N- PICK-GOING STRT	N- PSWT-LEFT TURN C/D DARK 06/27/03 FRI 20:53 FOLLOW TO CLOSE DAZ/IMP/NO LITE	0	0	
COUNTY ROAD	CR 666	MP 007.34	NEAR FOURTEENTH AVENUE WEYMOUTH TWP ATLANTIC	O	0	1
05033801	ANIMAL - DEER	S- PASS-GOING STRT	C/W DARK 02/16/05 WED 18:05 ANIMAL ACTION	0	0	
COUNTY ROAD	CR 666	MP 008.07	NEAR TUCKAHOE ROAD WEYMOUTH TWP ATLANTIC	0	0	1
04321246	RAN OFF ROAD	N- PASS-GOING STRT	C/D DAY 12/20/04 MON 16:30 IMP PASSING	0	0	

2007059 Safety Scan









2007059 Safety Scan



Location 3

CR 669 MP 1.97 to MP 6.06

<u>Location 3 – CR 669 – MP 1.97 to MP 6.06</u> 11th Avenue

11th Avenue Maple Avenue/ U.S. 50 Weymouth, Estell Manor City (4.09 miles)

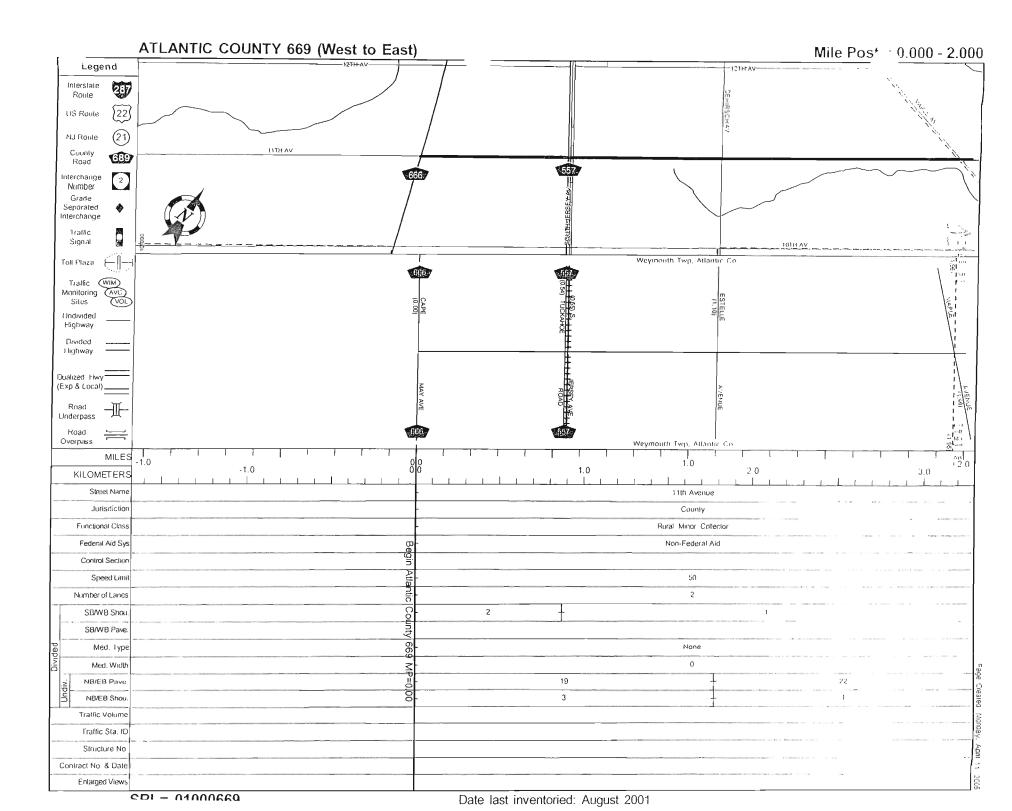
DAY	TIME FIELD VIEW	CR 669 – 11 th Avenue						
			LEVEL (OF EFFORT RE	QUIRED	POTENT	TAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
3-1	General comment - Sign installation. Many of the signs along the road are installed as "bendaway" rather than "breakaway." Many installed as "breakaway" are installed incorrectly with the stub too far out of the ground or on the wrong side of the post.	Consideration should be given to inventorying the method of sign installation along the entire road and taking steps to properly install all signs as "breakaway" in accordance with the most current NJDOT standards and the MUTCD.		X		X		
3-2	General Comment - The pavement markings are worn along the road.	Re-install pavement markings along the road.	Х				X	
3-3	Both sides of road in the vicinity of milepost 2.4 - guide rail with end treatments that do not appear to conform to current standards. Also, length of guide rail appears to be too short.	It is suggested that the design of the guide rail be evaluated and the end treatments be upgraded to meet current standards.			X		X	
3-4	Eastbound side in the vicinity of milepost 4.5 - new intersection recently constructed with deceleration and acceleration lane.	It is suggested that an object marked be installed to delineate the eastern end of the acceleration lane.	Х			X		
3-5	Eastbound side approaching Oaks Drive – existing "HIDDEN DRIVEWAY" warning sign and side road symbol warning sign. Driveway no longer exists.	Remove "HIDDEN DRIVEWAY" warning sign.	Х			X		

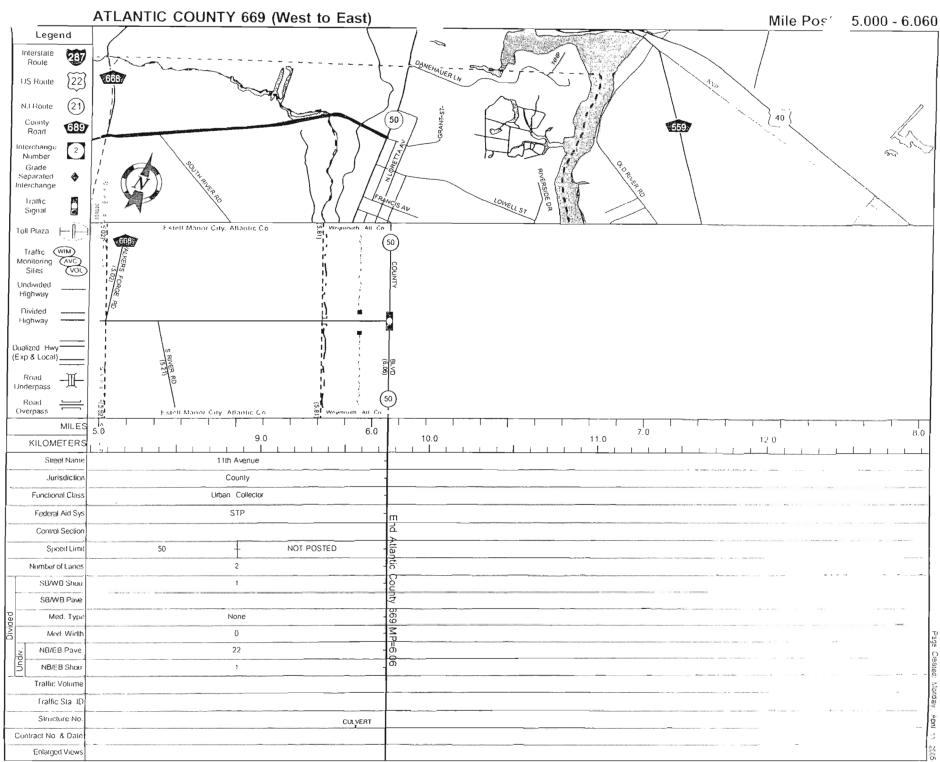
Location 3 – Field View continued

			LEVEL OF EFFORT REQUIRED			POTENTIAL SAFETY BENEFIT		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
3-6	Eastbound side at Oaks Drive - when intersection was constructed deceleration and acceleration lanes were also constructed.	It is suggested that an object marked be installed to delineate the eastern end of the acceleration lane.	X			X		
3-7	Eastbound approaching CR 668 - no "JCT 668" route marker assembly.	Install "JCT 668" route marker assembly.	X			X		
3-8	Eastbound side at RT 668 - there is not a "668" sign assembly.	Install "668" sign assembly with horizontal arrow to the left.	X			X		
3-9	Eastbound side just east of CR 668 - there is not a "669" confirming route marker assembly.	Install "EAST 669" confirming route marker assembly.	Х			X		
3-10	Both sides of road in the vicinity of milepost 5.75 - guide rail on both sides of road lack reflectors, end treatment on the westerly end of guide rail along the westbound side of the road does not appear to conform to current standards.	Install reflectors on guide rail and upgrade end treatment to meet current standards.			X		X	
3-11	Both sides of the road in the vicinity of milepost 6 - guide rail with end treatments that do not appear to conform to current standards. Also, the length of the guide rail appears too short.	It is suggested that the design of the guide rail be evaluated and the end treatments be upgraded to meet current standards.			Х		X	
3-12	Westbound approaching CR 668 - no "JCT 668" route marker assembly.	Install "JCT 668" route marker assembly.	X			Х		
3-13	Westbound side at RT 668 - there is not a "668" sign assembly.	Install "668" sign assembly with horizontal arrow to the right.	X			X		
3-14	Westbound side in the vicinity of milepost 2.3 - 'SPEED LIMIT 50" sign is worn.	Replace with new sign.	Х			Х		

Location 3 - Field View continued

			LEVEL OF EFFORT REQUIRED			POTENTIAL SAFETY BENEFIT		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
3-15	Northbound approach of Maple Avenue - "NO DUMPING \$50,000 FINE" installed on back of STOP sign. Sign is larger then STOP sign and affect the silhouette of the STOP sign.	Remove or relocate "NO DUMPING \$50,000 FINE" sign.	X			X		





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NEW JERSEY DEPARTY OF TRANSPORTATION BUREAU OF L LTY PROGRAMS DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 669

MILEPOST 1.970 TO 6.060 01/01/2003 TO 12/31/2005

ROAD SYSTEM DOC LOC NUM	INVOLVED	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LITE	DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB CIRCUMSTANCES	K t L	NO INJ	NO ACC
COUNTY ROAD 03168216 04310844	CR 669 OTHER NONCOLL ANIMAL - DEER	MP 002.06 E- MCYC-GOING STRT E- PASS-GOING STRT	NEAR MAPLE AVENUE 			ESTELL MANOR CITY MON 21:01 ANIMAL ACTION THR 11:02 ANIMAL ACTION	ATLANTIC	0	0 0	2
COUNTY ROAD	CR 669 RAN OFF ROAD	MP 002.13 E- PASS-GOING STRT	NEAR BEACH AVENUE	C/D DARK	10/16/03	ESTELL MANOR CITY THR 02:58 ANIMAL ACTION	ATLANTIC	0) 1	1
COUNTY ROAD 03150182	CR 669 RAN OFF ROAD	MP 002.16 E- PICK-GOING STRT	NEAR MAPLE AVENUE	C/D DAY	06/11/03	ESTELL MANOR CITY WED 13:07 DRI INATTENTION	ATLANTIC	0	0	1
COUNTY ROAD 05102878	CR 669 ANIMAL - DEER	MP 002.21 E- PASS-GOING STRT	NEAR BEECH AVENUE	C/D DAY	05/06/05	ESTELL MANOR CITY FRI 06:19 ANIMAL ACTION	ATLANTIC	0	<i>0</i>	.1
COUNTY ROAD 04298221	CR 669 ANIMAL - DEER	MP 002.22 E- PICK-GOING STRT	NEAR BEECH AVE	C/D DARK	11/30/04	ESTELL MANOR CITY TUE 17:29 ANIMAL ACTION	ATLANTIC	<i>O</i> ()	0	1
COUNTY ROAD 05100193 05326025	CR 669 RAN OFF ROAD RAN OFF ROAD	MP 002.23 W- PASS-GOING STRT W- PASS-GOING STRT	AT BEACH LANE 	C/D DAY		ESTELL MANOR CITY TUE 11:48 OTHER TUE 11:48 OTHER	ATLANTIC) O	0]]	2
COUNTY ROAD 05135884	CR 669 ANIMAL - DEER	MP 002.24 W- PASS-GOING STRT	NEAR CR 557	C/D DARK	06/21/05	ESTELL MANOR CITY TUE 21:35 ANIMAL ACTION	ATLANTIC	0	0	1
COUNTY ROAD	CR 669 RAN OFF KOAD	MP 002.36 E- PICK-GOING STRT	NEAR MAPLE AVENUE	C/S DAY	02/15/03	ESTELL MANOR CITY SAT 10:50 OTHER	ATLANTIC	0	<i>0</i> 0	L
COUNTY ROAD 05071715	CR 669 RAN OFF ROAD	MP 002.53 W- PASS-GOING STRT	AT BEECH ROAD	C/D DARK	03/26/05	ESTELL MANOR CITY SAT 01:22 DRI INATTENTION	ATLANTIC	0) 1	1.
COUNTY ROAD D5320803	CR 669 RAN OFF ROAD	MP 002.60 E- PSWT-GOING STRT	NOT AT INTERSECTION	C/W DAY	12/30/05	ESTELL MANOR CITY FRI 07:47 DRI INATTENTION	ATLANTIC	0	.l 1	1
COUNTY ROAD 05242377	CR 669 SAME DIR-REAR	MP 002.73 W- PASS-GOING STRT	NEAR BEECH AVENUE W- PASS-GOING STRT	C/D DARK	09/29/05	WEYMOUTH TWP THR 10:17 DRI INATTENF±ON	ATLANTIC NONE	0	1	1
COUNTY ROAD 04001353 05031175	CR 669 RAN OFF ROAD ANIMAL - DEER	MP 002.90 W- PICK-GOING STRT E PASS-GOING STRT	NEAR BURNETT AVENUE 	- 1		WEYMOUTH TWP THR 03:45 DRI INATTENTION WED 06:38 ANIMAL ACTION	ATLANTIC	<i>0</i> 0 0	7 1 0	?
COUNTY ROAD 05289472	CR 669 ANIMAL - DEER	MP 003.00 E- PASS-GOING STRT	NEAR BURNETT AVE	C/D DARK	12/02/05	WEYMOUTH TWP FRI 18:00 ANIMAL ACTION	ATLANTIC	O O	0	1

February 1, 2007 NEW JERSEY DEPARTM OF TRANSPORTATION

BUREAU OF & TY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 669

Pac

MILEPOST 1.970 TO 6.060

ROAD SYSTEM	COLLISION	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LITE	DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB	NO KIL	ON LNI	NO. ACC
COUNTY ROAD 03312539	CR 669 RAN OFF ROAD	MP 003.10 W- PASS-GOING STRT	NOT AT INTERSECTION	C/D DARK	11/30/03	WEYMOUTH TWP SUN 21:49 ANIMAL ACTION	ATLANTIC	0	0	1
COUNTY ROAD 04298220	CR 669 ANIMAL - DEER	MP 003.50 E- PASS-GOING STRT	NOT AT INTERSECTION	C/D DAY	11/28/04	WEYMOUTH TWP SUN 14:19 ANIMAL ACTION	ATLANTIC	0	0	1
COUNTY ROAD 04335167 05033803	CR 669 RAN OFF ROAD RAN OFF ROAD	MP 003.86 W- PASS-GOING STRT W- PASS-GOING STRT	NEAR BURNETT AVENUE 		,	WEYMOUTH TWP SAT 00:40 OTHER FRI 00:29 ANIMAL ACTION	$\Lambda TLANTIC$	1 1 0	<i>0</i> 0 0	2
COUNTY ROAD 03221820 05049490 05159955	CR 669 ANIMAL - DEER RAN OFF ROAD ANIMAL - DEER	MP 004.00 E- PASS-GOING STRT W- PASS-LEFT TURN W- PASS-GOING STRT	NOT AT INTERSECTION	C/D DAY S/I DAY C/D DARK	01/24/05	WEYMOUTH TWP SAT 18:32 ANIMAL ACTION MON 17:39 OTHER MON 02:09 ANIMAL ACTION	ATLANT.IC	0 0 0	<i>O</i> () () ()	3
COUNTY ROAD 03059814 05272385	CR 669 RAN OFF ROAD ANIMAL - DEER	MP 004.31 W· PICK-LEFT TURN W- PICK-GOING STRT	NEAR OAKS DRIVE			WEYMOUTH TWP MON 20:46 DRI INATTENTION SUN 21:19 ANIMAL ACTION	ATLANTIC	<i>(</i>) () ()	0 0 0	2
COUNTY ROAD 05259477	CR 669 ANIMAL - DEER	MP 004.60 N- PASS-GOING STRT	NEAR HUDSON AVENUE	C/D DARK	10/26/05	WEYMOUTH TWP WED 19:09 ANIMAL ACTION	ATLANTIC	0	0	.1.
COUNTY ROAD 05250808	CR 669 ANIMAL - DEER	MP 004.81 W- PICK-GOING STRT	NEAR OAKS DRIVE	C/D DAY	10/16/05	WEYMOUTH TWP SUN 18:05 ANIMAL ACTION	ATLANT1C	0	0	1
COUNTY ROAD 03136720 05028497 05259476	CR 669 ANIMAL - DEER ANIMAL - DEER HEAD-ON	MP 005.00 E- PICK-GOING STRT E- PASS-GOING STRT W- PASS-OTHER	NEAR RT 50 E- VAN-RIGHT TURN		01/28/05	WEYMOUTH TWP FRI 00:28 ANIMAL ACTION FRI 18:30 ANIMAL ACTION WED 08:20 NONE	ATLANTIC DRI INATTENTION	0 0	0 0 0	3
COUNTY ROAD 04321603	CR 669	MP 005.02 S- PICK-LEFT TURN	AT WALKERS FORGE ROAL	D C/D DAY	11/27/04	WEYMOUTH TWP SAT 14:07 DRI INATTENTION	<i>ATLANTIC</i> NONE	<i>0</i> 0	j	1
COUNTY ROAD 03023352	CR 669 RAN OFF ROAD	MP 005.12 W- VAN-GOING STRT	NEAR CR 668	R/S DAY	01/29/03	ESTELL MANOR CITY WED 10:46 UNSAFE SPEED	ATLANTIC	0	0	1
COUNTY ROAD 05282507	CR 669 ANIMAL - DEER	MP 005.50 W- PASS-GOING STRT	NOT AT INTERSECTION	C/D DARK	11/23/05	ESTELL MANOR CITY WED 17:26 ANIMAL ACTION	ATLANTIC	0	<i>0</i> 0	1
COUNTY ROAD 03252280	CR 669 RAN OFF ROAD	MP 006.04 S- PASS-SLOW-STOP	NEAR RT 50	C/D DAY	09/24/03	WEYMOUTH TWP WED 14:46 DRI INATTENTION	ATLANTIC	0	J l	1

February 1, 2007

NEW JERSEY DEPARTM' OF TRANSPORTATION
BUREAU OF S. .IY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 669

Pac

MILEPOST 1.970 TO 6.060

ROAD SYSTEM DOC LOC NUM	INVOLVED	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LITE	E DATE DOW	VEH 1 CONTRIB TIME CIRCUMSTANCES	VEH 2 CONTRIB C1RCUMSTANCES	NO KIL		NO ACC
COUNTY ROAD	CR 669	MP 006.06	NEAR RT 50		WEYN	MOUTH TWP	ATLANTIC	U	4	5
03114457	UNKNOWN	E- PICK-GOING STRT	E- PASS-GOING STRT	C/D DAY	05/19/03 MON :	12:44 DRI INATTENTION	NONE	0	0	
03157103	SAME DIR-REAR	E - PASS-SLOW-STOP	E- PASS-STOP-TRAF	R/W DAY	07/03/03 THR	16:32 DRI INATTENTION	OTHER	()	1	
03269327	SAME DIR-REAR	E- PASS-UNKNOWN	E- PASS-UNKNOWN	C/W DAY	10/26/03 SUN 3	15:36 NONE	NONE	0	3	
04211493	SAME DIR-REAR	E- PICK-STOP-TRAF	E- PASS-START TRAF	C/D DAY	08/24/04 TUE	11:59 NONE	DRI INATTENTION	0	0	
05180052	SAME DIR-SIDE	W- PASS-GOING STRT	W- PICK-LEFT TURN	C/D DAY	07/22/05 FRI	17:41 DRI INATTENTION	NONE	0	1	

2007059 Safety Scan









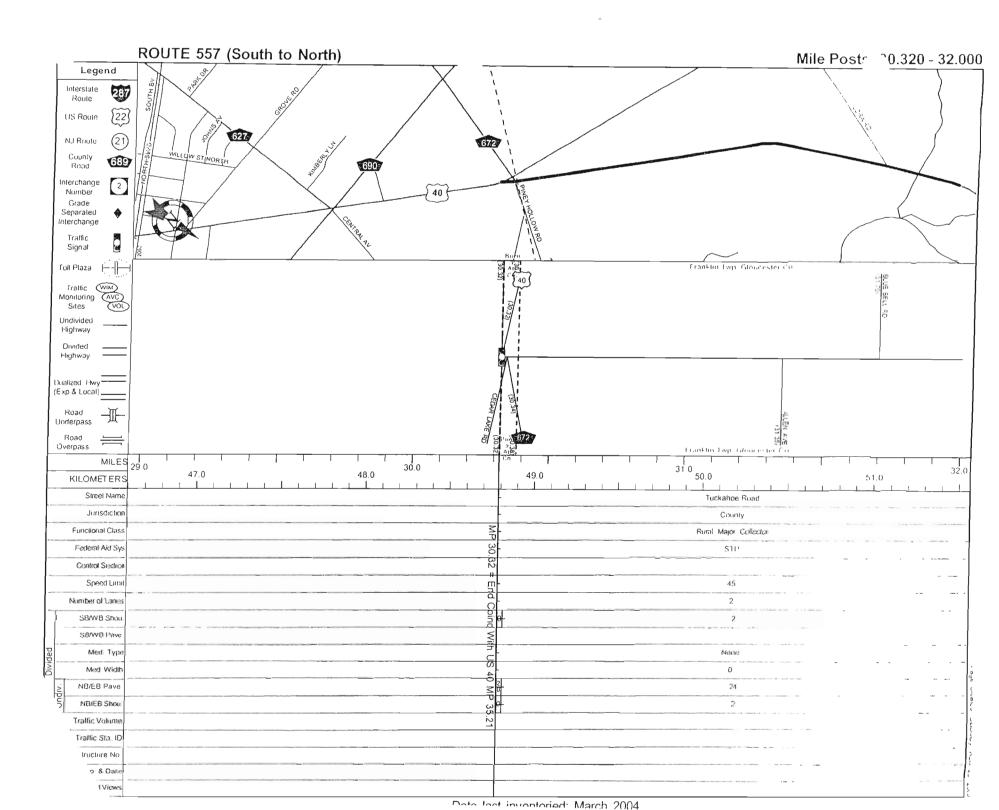
Location 4

CR 557 MP 30.32 to MP 30.38

<u>Location 4 - CR 557 - MP 30.32 to MP 30.38</u>

Tuckahoe Road U.S. 40/ Franklin Township Line Buena Vista Township (0.06 miles)

DAY	TIME FIELD VIEW	CR 557 – Tuckahoe Ro	ad					
			LEVEL	LEVEL OF EFFORT REQUIRED			IAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
4-1	No negative comments.							



ARDLSTRT2 February 1, 2007

NEW JERSEY DEPARTM OF TRANSPORTATION

BUREAU OF S. TY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 557

Pac

MILEPOST 30.320 TO 30.380

01/01/2003 TO 12/31/2005

ROAD SYSTEM COLLISION VEHICLE 1 DIR TRAV VEHICLE 2 DIR TRAV WEA VEH 1 CONTRIB VEH 2 CONTRIB NO NO. NO. DOC LOC NUM INVOLVED VEH TYPE, VEH ACTN VEH TYPE, VEH ACTN SUR LITE DATE DOW TIME CIRCUMSTANCES CIRCUMSTANCES KIL INJ ACC

Location 5

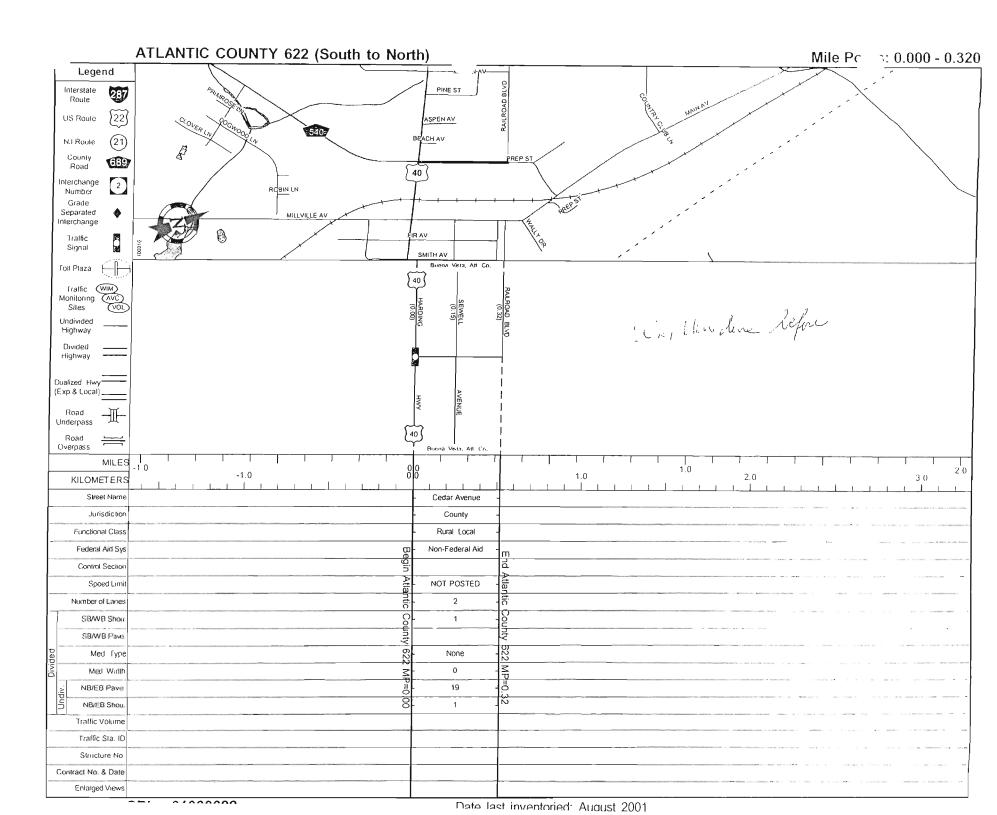
CR 622

MP 0.00 to MP 0.32

$\underline{Location~5-CR~622~-MP~0.00~to~MP~0.32}$

Cedar Avenue Harding Highway/ Railroad Boulevard Buena Vista Township (0.32 miles)

DAY	TIME FIELD VIEW	CR 622 – Cedar Avenu	ıe					
			LEVEL	OF EFFORT RE	QUIRED	POTENT	IAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
5-1	No negative comments							



February 1, 2007 NEW JERSEY DEPARTM' OF TRANSPORTATION

BUREAU OF S. . TY PROGRAMS

Pac

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 622

MILEPOST 0.000 TO 0.320

01/01/2003 TO 12/31/2005

ROAD SYSTEM COLLISION VEHICLE 1 DIR TRAV VEHICLE 2 DIR TRAV VEH 1 CONTRIB VEH 2 CONTRIB NO NO NO. DOC TÓC NAW INAOPAÉD VEH TYPE, VEH ACTN VEH TYPE, VEH ACTN SUR LITE DATE DOW TIME CIRCUMSTANCES CIRCUMSTANCES KIL INJ ACC

Location 6

CR 619

MP 0.00 to MP 3.12

Location 6 – CR 619 – MP 0.00 to MP 3.12

Wheat Road Cumberland County Line/ Harding Highway Buena Borough (3.12 miles)

DAYTIME FIELD VIEW CR 619 - Wheat Road LEVEL OF EFFORT REQUIRED POTENTIAL SAFETY BENEFIT SAFETY ISSUE REMEDIAL ACTION **MEDIUM MEDIUM** LOW HIGH LOW HIGH 6-1 General Comment - The pavement marking Re-install pavement markings X Χ along the road. are worn along the road. Eastbound side approaching Brewster Replace with new sign. Χ X 6-2 Road (CR 672) - signal ahead warning sign is worn. Eastbound side at highway-rail grade Contact the railroad regarding the Χ Χ 6-3 crossing just east of Breswter Road (CR worn highway-rail grade crossing 672) - highway-rail grade crossing sign. Also, consideration should be (Crossbuck) sign is worn .It is unknown if given to investigating if the tracks are still used and if they are not tracks are still used. having the crossing declared out of service or exempt. Replace post and re-install sign. X Χ 6-4 Eastbound side in the vicinity of milepost 0.81 - curve warning sign to the right installed on a damaged post.

Location 6 - Field View continued

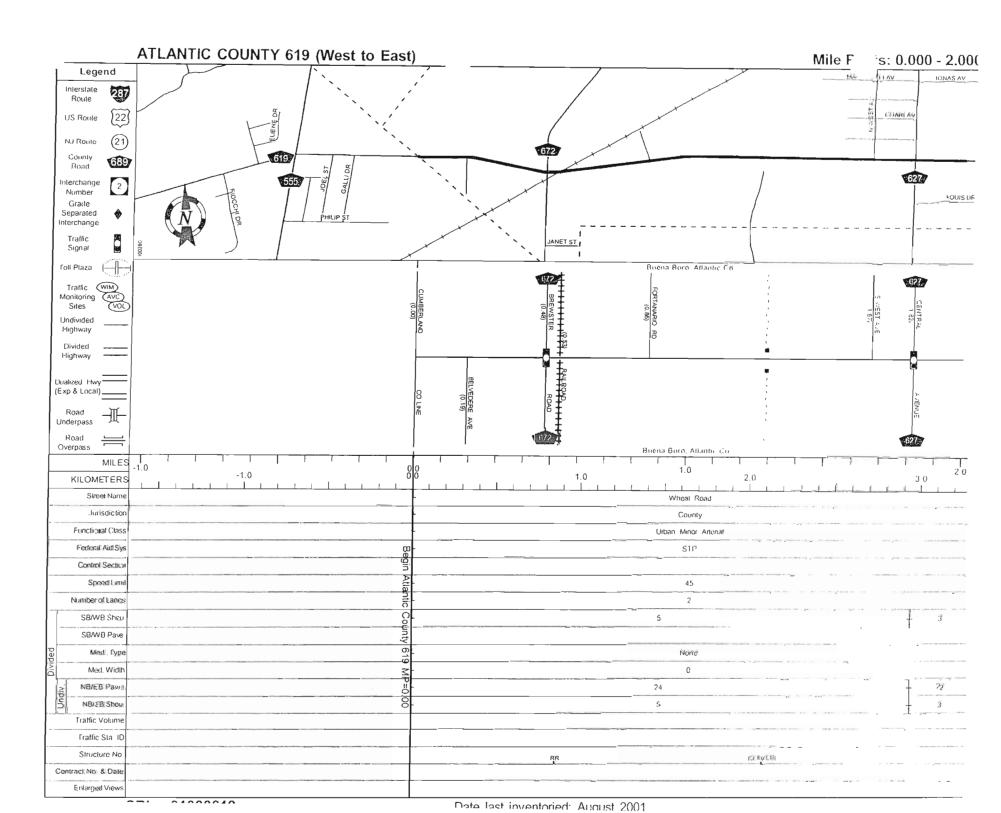
			LEVEL (OF EFFORT RE	QUIRED	POTENT	IAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
6-5	Both sides of the road in the vicinity of milepost 1.2 - The southern end of the guide rail on the eastbound side- end treatment does not appear to conform to current standards. Both ends of the guide rail of the westbound side do not appear to conform to current standards. Also, the length of the guide rail on the westbound side appears to be too short to protect the motorist from the head wall at that location.	It is suggested that the design of the guide rail be evaluated and the end treatments be upgraded to meet current standards. Additionally, consideration should be given to installing reflectors on the guide rail.			Х		X	
6-6	Westbound side in the vicinity of milepost 1.2 - inlet with head without transition curb.	Consideration should be given to installing the missing transition curb.	X			X		
6-7	Westbound side in the vicinity of milepost 1.4 - inlet with grate that is not bicycle safe.	Consideration should be given to installing bicycle safe grate.	X			X		
6-8	Eastbound side in the vicinity of milepost 1.5 - inlet with grate that is not bicycle safe.	Consideration should be given to installing bicycle safe grate.	X			X		
6-9	Eastbound side in the vicinity of milepost 1.62 - worn side road symbol warning sign.	Install new sign.	X			X		
6-10	Eastbound side in the vicinity of milepost 1.66 - inlet with grate that is not bicycle safe.	Consideration should be given to installing bicycle safe grate.	Х			Х		
6-11	At the intersection of South West Avenue - northwest corner and southwest corner have inlets with grates that are not bicycle safe.	Consideration should be given to installing bicycle safe grates.	Х			Х		
6-12	Westbound side in the vicinity of milepost 1.77 - inlet with grate that is not bicycle safe.	Consideration should be given to installing bicycle safe grate.	Х			Х		

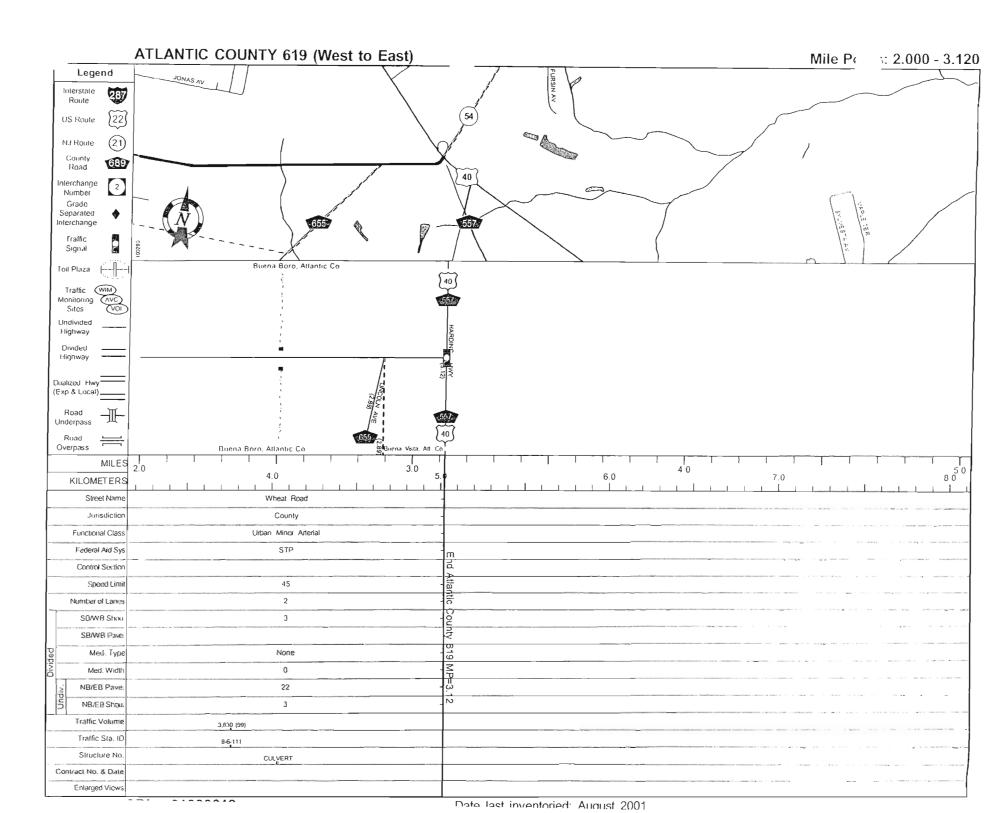
Location 6 - Field View continued

			LEVEL (OF EFFORT RE	QUIRED	POTENTIAL SAFETY BENEFI		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
6-13	At intersection of Central Avenue - wire span traffic signal consisting of two, fourway three-section heads - Each head consists of a 12-inch red section and 8-inch yellow and green sections. The speed limit on this section of road is 45 MPH requiring 12-inch signal heads.	Consideration should be given to replacing the existing signal heads with 12 inch sections.			X		X	
6-14	At intersection of Central Avenue - mast arm sign "WHEAT ROAD" suspended from the span wire is hanging incorrectly.	Re-install "WHEAT ROAD" mast arm sign.	X			X		
6-15	It was mentioned that Central Avenue might be a school crossing.	If it is determined that it is a school crossing the appropriate school crossing warning and advance warning signs should be installed.	X			X		
6-16	Eastbound side in the vicinity of milepost 2.14 - curve warning symbol sign is worn.	Replace with new sign.	X			X		
6-17	Both sides of the road in the vicinity of mile post 2.5 - guide rail with end treatments that do not appear to conform to current standards	Consideration should be given to upgrading the end treatments to meet current standards.			X		X	
6-18	Eastbound side in the vicinity of milepost 2.5 - inlet with head without transition curb. Also, grate is not bicycle safe.	Consideration should be given to installing the missing transition curb and replacing grate with bicycle safe grate	Х			X		
6-19	Eastbound side in the vicinity of milepost 2.8 - "JCT 655" route marker assembly is worn.	Install new route marker assembly.	Х			Х		
6-20	Eastbound side at CR 655 (Lincoln Avenue) - route marker assembly "655" with arrow to the right at 45 degrees pointed down. Arrow is worn.	Replace with horizontal arrow to the right.	Х			X		

Location 6 - Field View continued

			LEVEL OF EFFORT REQUIRED			POTENTIAL SAFETY BENE		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
6-21	Westbound side approaching South West	Replace with new sign.	X		_	Х		
	Avenue - side road symbol sign is worn.							
6-22	Westbound side in the vicinity of milepost	Remove sign post.	X			X		
	0.60 - empty signpost.							





February 1, 2007

NEW JERSEY DEPARTM' OF TRANSPORTATION

Pac

BUREAU OF S. .TY PROGRAMS DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 619

MILEPOST 0.000 TO 3.120 01/01/2003 TO 12/31/2005

ROAD SYSTEM DOC LOC NUM		VEHICLE 1 DIR TRAV VEH TYPĘ, VỆH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR_ LIT	re date	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIE CIRCUMSTANCES	NO KIL	NO 1NJ	NO. ACC
COUNTY ROAD 04096080 04181889	CR 619 SAME DIR-REAR PEDESTRIAN	MP 000.53 W- PASS-GOING STRT E- PICK-GOING STRT	NEAR CR 672 W- PASS-GOING STRT -	C/D DAY C/D DAR	,,	BUENA BORO TUE 16:01 NONE SAT 01:58 DRI INATTENTION	<i>ATLANTIC</i> DRI INATTENTION	0 0 0	2	2
<i>COUNTY ROAD</i> 04089277	CR 619 HEAD-ON	MP 000.54 W- PASS-LEFT TURN	<i>NEAR CR 672</i> E- PASS-GOING STRT	C/D DAY	04/18/04	BUENA BORO SUN 14:52 UNKNOWN	ATLANTIC UNSAFE SPEED	<i>0</i> 0	7 1	1
COUNTY ROAD 04241708	CR 619 CURB	MP 000.58 E- PASS-GOING STRT	NEAR CR 672	C/D DAY	10/16/04	BUENA BORO SAT 13:00 OTHER	ATLANTIC	<i>0</i> 0	<i>0</i> 0	1
COUNTY ROAD 05187714	CR 619 RAN OFF ROAD	MP 000.82 E- PASS-GOING STRT	NEAR CR 627	C/D DAR	K 08/07/05	BUENA BORO SUN 02:51 DRI INATTENTION	ATLANTIC	<i>0</i> 0	<i>0</i>	.1
COUNTY ROAD 03160243 04165641	CR 619 ANGLE ANGLE	MP 000.86 S- PICK-LEFT TURN W- PASS-GOING STRT	NEAR FORNATARO AVENT E- PASS-GOING STRT S- PASS-START TRAF	JE C/D DAY C/D DAY	and the second second	BUENA BORO SAT 17:07 DRI INATTENTION WED 16:04 NONE	<i>ATLANTIC</i> NONE DRI INATTENTION	<i>0</i> 0 0	2 2	2
COUNTY ROAD 03177716	CR 619 RAN OFF ROAD	MP 001.17 E- PICK-GOING STRT	NEAR WEST AVENUE	C/W DAY	08/05/03	BUENA BORO TUE 16:40 DRI INATTENTION	ATLANTIC	0	0	1
CQUNTY ROAD 04013552	CR 619 RAN OFF ROAD:	MP 001.28 W- PASS-GOING STRT	NEAR FORNATERO STREE		02/03/04	BUENA BORO TUE 22:34 DRI INATTENTION	ATLANTIC	() ()	<i>1</i>	1
<i>COUNTY ROAD</i> 04265563	CR 619 RAN OFF ROAD	MP 001.54 W- PICK-GOING STRT	NEAR CR 672	F/W DARK	(10/09/04	BUENA BORO SAT 05:11 NONE	ATLANTIC	0	<i>1</i>	1
COUNTY ROAD	CR 619 SAME DIR-REAR	MP 001.80 E- PASS-STOP-TRAF	NEAR CR 627 E- PASS-GOING STRT	C/D DAY	07/27/05	BUENA BORO WED 18:43 NONE	ATLANTIC PRI INATTENTION	0	<i>0</i> 0	1
COUNTY ROAD 03109611 04004321 04109780	CR 619 SAME DIR-REAR LEFT TURN ANGLE	MP 001.82 E- PASS-STOP-TRAF E- PICK-LEFT TURN E- PASS-GOING STRT	AT CR 627 E- OTHR-GOING STRT W- PASS-GOING STRT S- PASS-GOING STRT	C/D DAY	01/02/04	BUENA BORO MON 07:15 NONE FRI 17:27 FAIL TO YLD ROW MON 12:17 NONE	ATLANTIC OTHER NONE PESOBEYED TCD	0 0 0 0	? 1 0	6
04208163 04322255 05201448	PEDESTRIAN SAME DIR-REAR ANGLE	W- PASS-GOING STRT E- PASS-STOP-TRAF W- PICK-GOING STRT	E- PASS-GOING STRT S- PASS-GOING STRT	C/D DAY C/D DARK C/D DAY	12/22/04	TUE 17:11 NONE WED 19:13 NONE THR 11:22 DRI INATTENTION	OTHER DRI INATTENTION	0	O O T	
CHONTY ROAD USBED 298	CR 619 RAN OFF ROAD	MP 002.22 W- PASS-GOING STRT	NEAR CR 627 	C/D DAY	09/28/05	BUENA BORO WED 09:08 OTHER	ATLANTIC	0	0	1
COUNTY ROAD 05207316	CR 619 RAN OFF ROAD	MP 002.32 E- PASS-GOING STRT	NEAR CR 627	C/D DARK	09/12/05	BUENA BORO MON 02:34 DRI INAFFENTION	ATTANTIC	<i>0</i> 0	0	7.

February 1, 2007

NEW JERSEY DEPARTY OF TRANSPORTATION

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BUREAU OF S. LTY PROGRAMS DETAIL OF MOTOR VEHICLE ACCIDENTS ON ROUTE 619 MILEPOST 0.000 TO 3.120

ROAD SYSTEM		VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LIT	E DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB CIRCUMSTANCES	NO Kll	NO	NO ACC
COUNTY ROAD 05102435	CR 619 RAN OFF ROAD	MP 002.42 E- PICK-GOING STRT	NEAR CR 627	C/D DAR	K 05/13/05	BUENA BORO 5 FRI 21:29 DRI INATTENTION	ATLANTIC	0	1	1
COUNTY ROAD 05227064	CR 619 UTILITY POLE	MP 002.69 W- MCYC-GOING STRT	NEAR CR 655	C/D DAY	09/22/05	BUENA BORO THR 13:26 NONE	ATLANTIC	0	1	1
COUNTY ROAD 04062473	CR 619 SAME DIR-REAR	MP 002.84 E- PICK-SLOW-STOP	NEAR CR 655 E- PICK-GOING STRT	C/D DAY	03/27/04	BUENA BORO SAT 07:01 VEHICLE DEFECT	ATLANTIC FOLLOW TO CLOSE	0	0	1
COUNTY ROAD 03174883	CR 619 RAN OFF ROAD	MP 002.87 E- PASS-GOING STRT	NEAR CR 655	C/D DAY	08/06/03	BUENA BORO WED 16:00 VEHICLE DEFECT	ATLANTIC	0	0	1
COUNTY ROAD 04016283 05115734	CR 619 SAME DIR-SIDE SAME DIR-REAR	MP 002.88 W- PICK-GOING STRT E- VAN-STOP-TRAF	NEAR CR 627 W- TC14-GOING STRT E- PASS-GOING STRT	C/I DAY R/W DAY		BUENA BORO WED 07:33 OTHER FRI 15:37 NONE	ATLANTIC NONE DRI INATTENTION	<i>0</i> 0 0	0	2
COUNTY ROAD 03148791 03160245 04109073 04129719 04213362 04287515 05240516	CR 619 ANGLE SAME DIR-REAR SAME DIR-REAR ANGLE RAN OFF ROAD RAN OFF ROAD SAME DIR-SIDE	MP 002.89 N- FIRE-LEFT TURN W- PASS-LEFT TURN N- PASS-GOING STRT E- TC15-GOING STRT N- PASS-GOING STRT W- PASS-GOING STRT W- PASS-GOING STRT	AT CR 655 W- PASS-GOING STRT W-CTC18-GOING STRT N- PASS-GOING STRT N- PASS-START TRAF		07/17/03 05/21/04 06/07/04 09/15/04 12/05/04	BUENA BORO THR 13:01 DISOBEYED TCD THR 17:33 IMP TURN SIGNAL FRI 16:56 NONE MON 14:29 NONE WED 10:42 DISOBEYED TCD SUN 03:08 DRI INATTENTION MON 18:35 NONE	ATLANTIC NONE DRI INATTENTION DRI INATTENTION DISOBEYED TUD	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 1 1 0	7
COUNTY ROAD 05205102	CR 619 SAME DIR-REAR	MP 002.91 E- PASS-LEFT TURN	NEAR CR 655 E- PASS-GOING STRT	C/D DARK	09/07/05	BUENA BORO WED 19:51 NONE	ATLANTIC DRI INATTENTION	0	0	1
COUNTY ROAD 05187717	CR 619 SAME DIR-SIDE	MP 003 09 W- PSWT-GOING STRT	NEAR RT 40 W- PASS-MERGING	C/D DAY	08/13/05	BUENA BORO SAT 17:18 NONE	ATLANTIC DRI INATTENTION	<i>0</i> 0	<i>0</i> 0	1
COUNTY ROAD 05131873	CR 619 SAME DIR-SIDE	MP 003.10 W- PASS-MERGING	NEAR RT 40 W- TC15-MERGING	C/D DAY	06/13/05	BUENA BORO MON 15:00 FAIL TO YLD ROW	ATLANTIC FAIL TO YLD ROW	<i>o</i> n	0	1
COUNTY ROAD 05089986 05288608	CR 619 SAME DIR-SIDE SAME DIR-SIDE	MP 003.11 S-CTC18-GOING STRT W-CTC20-GOING STRT	NEAR RT 40 S- PASS-GOING STRT W- PASS-MERGING	C/D DAY C/D DARK	· . · .	BUENA BORO WED 18:51 NONE THR 19:31 NONE	AYLANTIC DISOBEYED TCD IMP LANE CHANGE	0 0 0	0 0	2
COUNTY ROAD 03016628 03146393 04098935	CR 619 SAME DIR SIDE SAME DIR SIDE SAME DIR REAR	MP 003.12 E BUS-GOING STRT W- PASS-GOING STRT E- PASS-STOP-TRAF	NEAR US 40 E- PASS-GOING STRT W- TC14-GOING STRT E- PASS-SLOW-STOP	C/D DAY C/D DAY R/W DAY	07/02/03	BUENA BORO WED 08:17 NONE WED 08:57 NONE MON 17:38 NONE	ATLANTIC TR CONT DEV DEF FAIL TO YER ROW DRI INATTENTION	0 0	0 0 0	4

February 1, 2007

NEW JERSEY DEPARTM OF TRANSPORTATION

BUREAU OF S. _IY PROGRAMS

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DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 619

MILEPOST 0.000 TO 3.120

ROAD SYSTE	M COLLISION	VEHICLE 1 DIR TRAV	VEHICLE 2 DIR TRAV	WEA	VEH 1 CONTRIB	VEH 2 CONTRIB	NO	NO	NO
DOC LOC NU	M INVOLVED	VEH TYPE, VEH ACTN	VEH TYPE, VEH ACTN	SUR LITE D	ATE DOW TIME CIRCUMSTANCES	CIRCUMSTANCES	KIL	LNI	ACC
COUNTY ROA	D CR 619	MP 003.12	NOT AT INTERSECTION		BUENA BORO	ATLANTIC	0	0	4
04200744	SAME DIR-REAR	N- PASS-STOP-TRAF	N- VAN-GOING STRT	C/D DAY 08/	23/04 MON 11:18 UNKNOWN	DRI INATTENTION	()	0	

February 1, 2007

NEW JERSEY DEPARTM! OF TRANSPORTATION

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BUREAU OF S. TY PROGRAMS DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 619

MILEPOST 0.000 TO 3.120

ROAD SYSTEM DOC LOC NUM	COLLISION	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LITE	DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB CIRCUMSTANCES	NO.	NO. INJ	NO. ACC
COUNTY ROAD 03033532	CR 619 RAN OFF ROAD	MP 000.01 W- PASS-GOING STRT	NEAR CR 672	s/s dark	02/28/03	BUENA BORO FRI 02:55 NONE	ATLANTIC	<i>0</i>	1 1	1
COUNTY ROAD 05059751 05201916	CR 619 SAME DIR-REAR SAME DIR-REAR	MP 000.09 E- PASS-LEFT TURN E- PASS-LEFT TURN	NEAR BELVIDERE AVEN E- PASS-SLOW-STOP E- PASS-GOING STRT	UE C/D DAY C/D DAY		BUENA BORO SAT 11:41 NONE WED 15:49 NONE	ATLANTIC DRI INATTENTION DRI INATTENTION	0 0 0	.1 O L	2
COUNTY ROAD 04007009	CR 619 UTILITY POLE	MP 000.18 E- PICK-GOING STRT	NEAR BELVEDERE AVEN		01/18/04	BUENA BORO SUN 20:45 DEBRIS ON ROAD	ATLANTIC	<i>0</i>	1	.1
COUNTY ROAD 04285902	CR 619 HEAD-ON	MP 000.28 E- PICK-GOING STRT	NEAR CR 672 W- PICK-GOING STRT	F/D DARK	11/22/04	BUENA BORO MON 06:35 DRI INATTENTION	ATLANTIC DRI INATTENTION	<i>0</i> 0	<i>0</i> 0	1
COUNTY ROAD	CR 619 SAME DIR-SIDE	MP 000.39 E- PASS-U TURN	NEAR CR 672 E- PASS-GOING STRT	C/D DAY	12/05/04	BUENA BORO SUN 12:07 NONE	ATLANTIC IMP PASSING	<i>0</i> 0	<i>O</i> 0	J
COUNTY ROAD 05063921	CR 619 RAN OFF ROAD	MP 000.45 W- PICK-GOING STRT	NEAR CR 672 	S/I DAY	03/08/05	BUENA BORO TUE 15:56 OTHER	ATLANT1C	<i>0</i> 0	<i>0</i> 0	J.
COUNTY ROAD 03042127 03221199	CR 619 SAME DIR-REAR	MP 000.48 E- PASS-UNKNOWN	AT CR 672 E- PASS-UNKNOWN	C/D DAY		BUENA BORO WED 15:00 DRI INATTENTION	ATLANTIC NONE	0	J L	11
03248979 03256689	ANGLE SAME DIR-REAR SAME DIR-SIDE	W- PASS-GOING STRT W- PICK-LEFT TURN E-CTC18-RIGHT TURN	N- PASS-GOING STRT W- PASS-GOING STRT E- PASS-GOING STRT	C/D DAY C/D DAY	10/17/03 10/23/03		NONE NONE IMP PASSING	0 0 0) 0	
04136330 04187137 05016358	ANGLE ANGLE ANGLE	E- PASS-GOING STRT W- PASS-GOING STRT W- PASS-GOING STRT	S-CTC16-RIGHT TURN S- PASS-RIGHT TURN S- PASS-GOING STRT	C/D DAY C/D DAY C/D DAY		THR 13:26 NONE THR 11:43 NONE FRI : NONE	IMPROPER TURN DRI INATTENTION DISOBEYED TCD	0 0	0 0 0	
05076992 05096726 05179572	LEFT TURN ANGLE SAME DIR-REAR	N- PASS-LEFT TURN S- PASS-GOING STRT E- PICK-GOING STRT	S- PASS-GOING STRT W- PASS-GOING STRT E- PASS-GOING STRT	C/D DAY C/D DNDK C/W DAY	05/07/05	THR 18:05 FAIL TO YLD ROW SAT 19:44 NONE SAT 08:07 NONE	NONE DISOBEYED TCU OTHER	0 0 0	0 5 0	
05268251 COUNTY ROAD	UNKNOWN CR 619	S- PASS-GOING STRT MP 000.49	W- PASS-GOING STRT NEAR CR 672	C/D DAY	11/17/05	THR 15:09 NONE BUENA BORO	DRI INATTENTION ATLANTIC	0	0	1
05234041 COUNTY ROAD	RAN OFF ROAD CR 619	W- PASS-GOING STRT MP 000.50	 NEAR BREWSTER ROAD	C/D DARK	10/16/05	SUN 05:07 DRI INATTENTION BUENA BORO	ATLANTIC	() ()	0	1
05301134 COUNTY ROAD	SAME DIR-REAR CR 619	E- PICK-GOING STRT	E- PASS-GOING STRT NEAR CR 672	C/D DAY	12/20/05	TUE 14:00 NONE	FOLLOW TO CLOSE	υ	0	J
04237638 COUNTY ROAD	SAME DIR-REAR CR 619	E- PASS-STOP-TRAF	E- PASS-SLOW-STOP NEAR CR 672	C/D DAY	10/01/04	FRI 15:11 UNSAFE SPEED BUENA BORO	NONE ATLANTIC	0	3	2
COURT ROAL	OR OLL							.,	**	

2007059 Safety Scan: March 15 2007



P3140001



P3140003



P3140002



Location 7

CR 627 MP 0.77 to MP 2.46

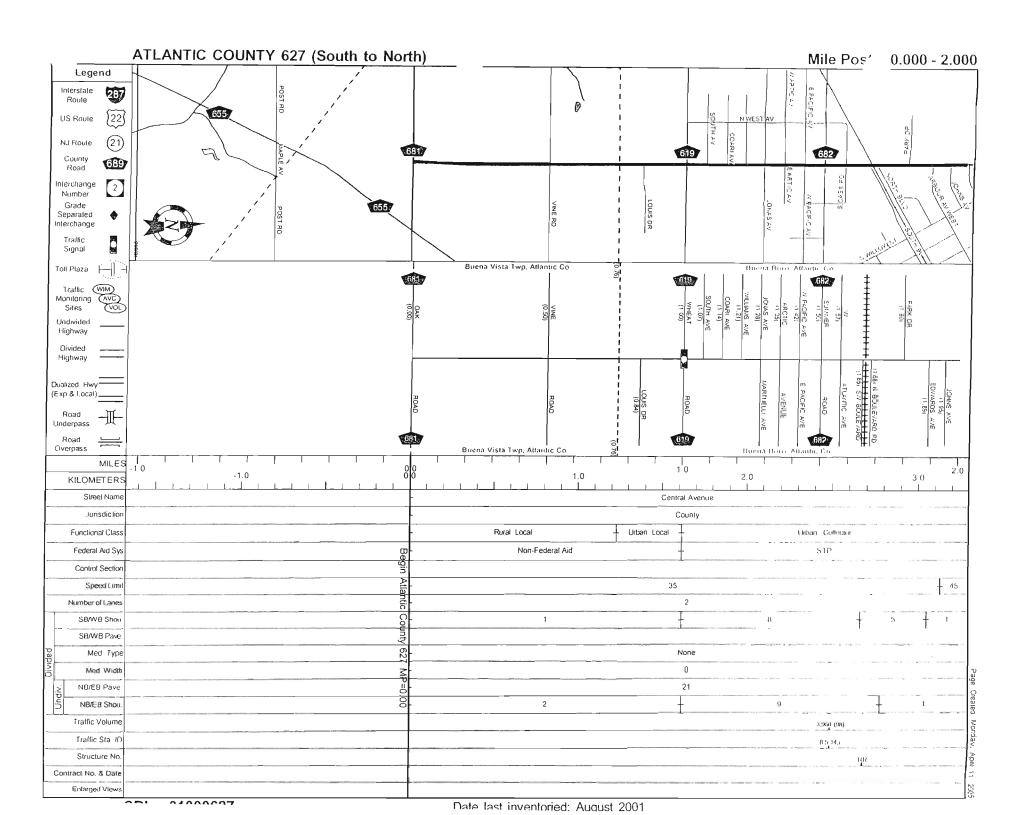
<u>Location 7 – CR 627 – MP 0.77 to MP 2.46</u>

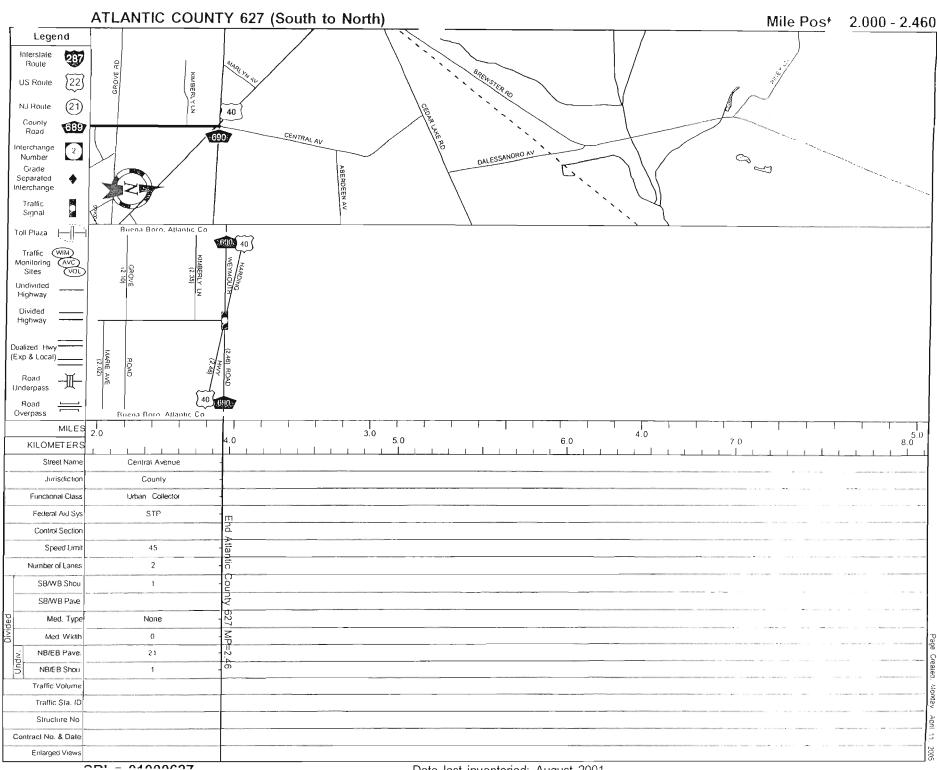
Central Avenue Buena Vista Township Line/ Harding Highway Buena Borough (1.69 miles)

DAYTIME FIELD VIEW CR 627 – Central Avenue LEVEL OF EFFORT REQUIRED POTENTIAL SAFETY BENEFIT SAFETY ISSUE REMEDIAL ACTION LOW **MEDIUM** LOW **MEDIUM** HIGH HIGH Both CR 627 approaches to Pacific Install "ADVANCE" plate on the 7-1 X X Avenue - School advance warning sign and advance school crossing warning school crossing sign lack the necessary signs and "ARROW" plates on the "AHEAD" plate on the advance warning school crossing warning signs. signs and "ARROW" plates on the school crossing warning sign. Just north of the highway-rail grade Signs need to be adjusted to clarify Χ Χ crossing in the vicinity of milepost 1.66 message to motorist and crosswalk existing pedestrian crossing sign and needs to be re-painted. school crossing within very close proximity to each other, confusing. Also there is a worn crosswalk pavement marking. Both direction of travel approaching the Install missing "AHEAD" plates X Χ 7-3 mid-block crosswalk just south of Park and "ARROW "plates. Check Avenue in front of the Notre Dame School approval status of mid-block crosswalk. - School crossing advance-warning signs lack "AHEAD" plates and school crossing signs lack "ARROW" plates. Also, County should check approval status of crossing as mid-block crosswalk appears to be within 100 feet of Park Avenue. Northbound side in the vicinity of Park Install transition curb to head of X X Avenue - inlet without transition curb on inlet. head. Northbound just north of Park Avenue -Replace with new sign. Χ Χ 7-5 "END SCHOOL ZONE" sign is worn.

Location 7 – Field View continued

			LEVEL OF EFFORT REQUIRED			POTENTIAL SAFETY BENEFIT		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
7-6	Northbound side just north of Marie Avenue - "SPEED LIMIT 45" sign is worn.	Replace with new sign.	X			X		
7-7	Northbound side approximately 300 feet south of RT 40 - empty sign post.	Remove sign post.	X			X		
7-8	Southbound south of Rt 40- "SPEED LIMIT 45" sign is worn.	Replace with new sign.	X			X		
7-9	Southbound side just north of North. Boulevard West - "END SCHOOL ZONE" sign, "BICYCLE" warning sign, and highway-rail crossing warning sign installed within 25 feet of each other.	Retain highway-rail crossing sign find appropriate new locations for the other two signs.	X			X		





February 1, 2007

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NEW JERSEY DEPARTM. OF TRANSPORTATION BUREAU OF L. .TY PROGRAMS DETAIL OF MOTOR VEHICLE ACCIDENTS ON ROUTE 627 MILEPOST 0.770 TO 2.460

ROAD SYSTEM	INAOPAED COPPISION	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LITE DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB CIRCUMSTANCES	NO KTL	NO [NJ	NO ACC
COUNTY ROAD 03129854 05063595	CR 627 ANIMAL - DEER TRAF SN POST	MP 001.80 S- PASS-GOING STRT S- PASS-GOING STRT	NEAR CR 682 		BUENA BORO SAT 20:31 ANIMAL ACTION THR 14:45 ANIMAL ACTION	ATLANTIC	<i>0</i> 0 0	<i>0</i> 0 0	2
COUNTY ROAD 05187715 05234044	CR 627 ANGLE ANGLE	MP 002.10 S- PICK-GOING STRT E- TC14-GOING STRT	AT GROVE ROAD E- PASS-GOING STRT N- PASS-GOING STRT		BUENA BORO TUE 14:27 NONE THR 15:44 DR1 INATTENTION	ATLANTIC DRI INATTENTION UNSAFE SPEED	<i>O</i> 0 0	2 1 1	2
COUNTY ROAD	CR 627 SAME DIR-REAR	MP 002.15 N- PASS-GOING STRT	NEAR GROVE ROAD N- PASS-SLOW-STOP	R/W DARK 03/02/03	BUENA BORO SUN 03:01 FOLLOW TO CLOSE	ATLANTIC DRI INATTENTION	<i>0</i> 0	.1 .1	J
COUNTY ROAD 03318622	CR 627 SAME DIR-REAR	MP 002.46 N- PICK-UNKNOWN	AT RT 40 N- PICK-UNKNOWN	C/D DAY 12/23/03	BUENA BORO TUE 06:51 NONE	ATLANTIC NONE	<i>0</i> 0	1 1	1

NEW JERSEY DEPARTN OF TRANSPORTATION
BUREAU OF _ _ _ _ _ _ _ _ _ _ TY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS
ON ROUTE 627
MILEPOST 0.770 TO 2.460
01/01/2003 TO 12/31/2005

ROAD SYSTEM		VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV WEA VEH 1 CONTRIB VEH 2 CONTRIB VEH TYPE, VEH ACTN SUR LITE DATE DOW TIME CIRCUMSTANCES CIRCUMSTANCES	NO KJ L	NO lnj	NO ACC
COUNTY ROAD 03026744 03267592	CR 627 SAME DIR-REAR RAN OFF ROAD	MP 001.00 S- PASS-START TRAF N- PASS-LEFT TURN	AT CR 619 S- PASS-GOING STRT R/W DARK 02/15/03 SAT 19:37 NONE R/W DARK 11/06/03 THR 20:24 UNSAFE SPEED ATLANTIC DEBRIS ON ROAD	<i>0</i> 0 0	<i>0</i> 0 0	2
COUNTY ROAD 05119333	CR 627 SAME DIR-REAR	MP 001.02 S- PICK-STOP-TRAF	NEAR CR 619 S- PASS-SLOW-STOP R/W DAY 06/03/05 FRI 18:45 NONE NONE	<i>0</i> 0	<i>5</i> 5	1
COUNTY ROAD 05288978	<i>CR 627</i> SAME DIR-REAR	MP 001.14 S- PASS-GOING STRT	AT COAPI AVENUE BUENA BORO ATLANTIC S- PASS-GOING STRT R/I DARK 12/09/05 FRI 01:10 NONE DRI INATTENTION	<i>O</i> 0	<i>0</i> 0	1
COUNTY ROAD 05084545	CR 627 ANGLE	MP 001.21 S- PASS-GOING STRT	AT UNKNOWN INTERSECTION BUENA BORD ATLANTIC E- PASS-GOING STRT C/D DAY 04/19/05 TUE 08:50 NONE DISOBEYED TCD	<i>0</i> 0	0	1
COUNTY ROAD 03160242	CR 627 SAME DIR-SIDE	MP 001.23 S- PICK-RIGHT TURN	NEAR WILLIAMS AVENUE BUENA BORO ATLANTIC S- PASS-SLOW-STOP C/D DAY 07/16/03 WED 16:15 NONE IMP PASSING	<i>0</i> 0	<i>O</i>	1
COUNTY ROAD 05131872	CR 627 UNKNOWN	MP 001.28 N- PASS-GOING STRT	AT JONAS AVENUE BUENA BORO ATLANTIC S- OTHR-GOING STRT C/D DAY 06/21/05 TUE 12:45 NONE OTHER	() O	<i>o</i> 0	1
COUNTY ROAD 03183796	CR 627 HEAD-ON	MP 001.34 S- PASS-GOING STRT	NEAR ARCTIC AVENUE BUENA BORO ATLANTIC N- PASS-GOING STRT C/D DARK 08/11/03 MON 00:07 NONE FAIL TO KEED RT	<i>0</i> 0	Д 1	1
COUNTY ROAD 04286948	CR 627 LEFT TURN	MP 001.35 S- PICK-GOING STRT	AT UNKNOWN INTERSECTION BUENA BORO ATLANTIC N- PASS-LEFT TURN C/W DARK 11/24/04 WED 19:20 NONE FAIL TO YLD ROW	0	0	1
COUNTY ROAD 03303787 05153470 05213968	CR 627 SAME DIR-REAR ANGLE ANGLE	MP 001.50 S- PASS-LEFT TURN S- PICK-GOING STRT S- MCYC-GOING STRT	AT CR 682 S PICK-GOING STRT C/D DAY 12/02/03 TUE 10:37 NONE W- PASS-GOING STRT C/D DAY 07/11/05 MON 10:34 NONE FAIL TO YLD ROW PASS-LEFT TURN C/D DARK 09/24/05 SAT 19:35 NONE DR1 INATTENTION N- PASS-RIGHT TURN C/D DARK 11/14/05 MON: NONE DR1 INATTENTION	<i>0</i> 0 0 0	2 0 2	4
05262708 COUNTY ROAD 04241707	SAME DIR-SIDE CR 627 SAME DIR-REAR	N- PASS-GOING STRT MP 001.56 N- PASS-SLOW-STOP	N- PASS-RIGHT TURN C/D DARK 11/14/05 MON: NONE DRI INATTENTION NEAR ATLANTIC STREET N- PASS-SLOW-STOP R/W DAY 10/20/04 WED 07:36 DRI INATTENTION NONE ATLANTIC	0 0 0	0 0 0	1
COUNTY ROAD 05143941 05246468	CR 627 ANGLE ANGLE	MP 001.57 N- PASS-GOING STRT N- PASS-GOING STRT	AT ATLANTIC AVENUE BUENA BORO ATLANTIC E- PASS-LEFT TURN R/W DAY 07/01/05 FRI 19:00 NONE W- PASS-RIGHT TURN R/W DAY 10/21/05 FRI 14:12 NONE DRI INATTENTION	<i>0</i> 0 0	2 0 L	2
COUNTY ROAD 05028126	CR 627 UTILITY POLE	MP 001.65 N- PASS-RIGHT TURN	AT UNKNOWN INTERSECTION BUENA BORO ATLANTIC - C/D DAY 02/01/05 TUE 07:27 IMPROPER TURN	<i>O</i>	<i>0</i> 0	J
COUNTY ROAD 03295270	CR 627 RAN OFF ROAD	MP 001.67 N- PASS-GOING STRT	NEAR ATLANTIC AVENUE BUENA BORO ATLANTIC C/D DARK 12/04/03 THR 03:57 ANIMAL ACTION	0	. <i>J</i> 1.	I

2007059 Safety Scan: March 15 2007





P3150012 P31



P3150014

Location 8

CR 672 MP 0.00 to MP 2.73

Location 8 – CR 672 – MP 0.00 to MP 2.73

Brewster Road Cumberland County Line/ Gloucester County Line Buena Borough (2.73 miles)

DAYTIME FIELD VIEW

CR 672 - Brewster Road

			LEVEL OF EFFORT REQUIRED			POTENTIAL SAFETY BENEFIT		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
	Crash data indicates two fatal crashes occurred along road involving three fatalities. One occurred at Forest Grove Road and one at CR 690							
8-1	General Comment - pavement markings along the road are worn.	Re-install pavement markings.	Х				X	
8-2	Northbound approaching CR 619 - route marker assembly "619" with double headed arrow sign assembly, arrow plate is worn.	Install new double headed arrow plate.	X			X		
8-3	Summer Road approach to CR 672 - visibility of "STOP" sign obstructed by tree branches.	Trim tree branches to improve sign visibility.	X				Х	
8-4	Northbound side in the vicinity of milepost 1.30 - unconventional 'share the road' sign.	Replace sign with conventional share the road sign.	Х			X		
8-5	Northbound at CR 690 - route marker assembly "690" with double headed arrow plate, arrow plate is worn.	Install new double headed arrow plate.	X			Х		

Location 8 - Field View continued

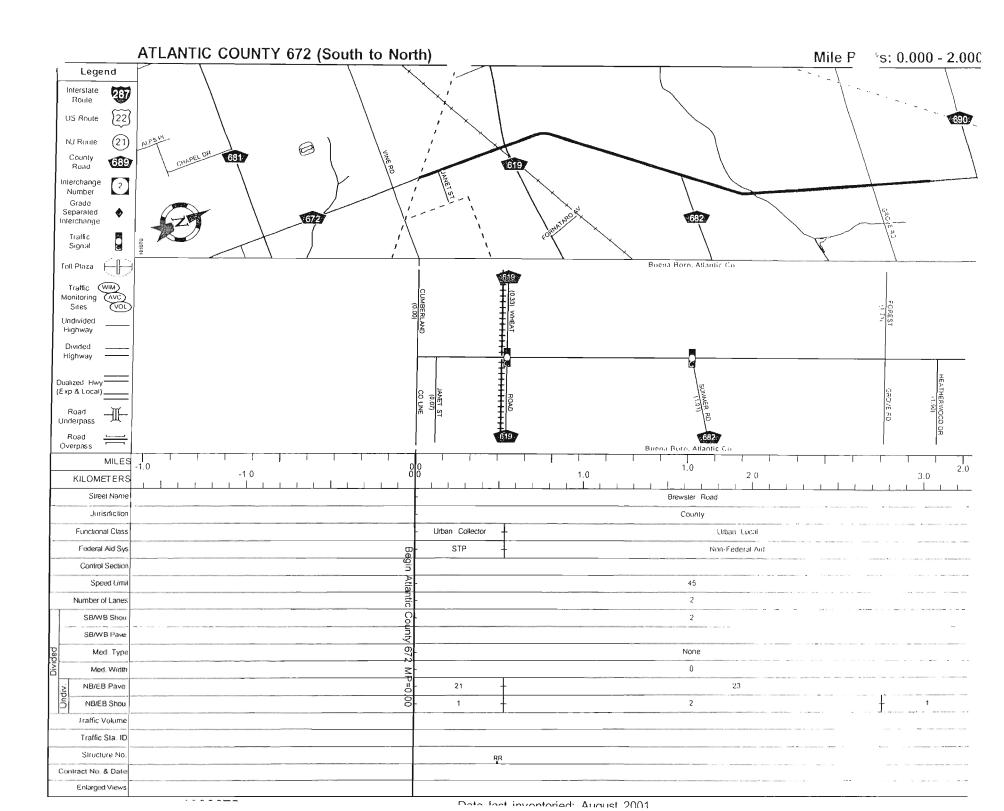
			LEVEL (OF EFFORT REC	QUIRED	POTENT	IAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
8-6	Intersection with CR 690 experienced 13 crashes including one fatal crash involving two fatalities. Intersection control beacon installed at the intersection in December of 2004. Twelve of the 13 crashes occurred prior to the installation of the beacon.	Install delineators on corner in the vicinity of the guide wire. Contact utility company regarding reflective sleeve for wire or to relocate wire.	X			X		
8-7	Northbound approaching Rt 40 - "SIGNAL AHEAD" symbol warning sign is worn and installed on back-to-back posts.	Replace with new sign properly installed on new post.	Х			Х		
8-8	Northbound approaching Rt 40 - "JCT 40" sign assembly is worn.	Replace with new sign assembly.	Х			Х		
8-9	Northbound approaching RT 557 - "JCT 557" sign assembly is worn.	Replace with new sign assembly.	X			Х		
8-10	Southbound approaching Rt 40 - no "JCT 40" route marker sign assembly.	Install "JCT 40" sign assembly.	X			Х		
8-11	At intersection of CR 557- worn route marker assemblies. "SOUTH 557" with arrow plate to the right., "672" with double headed arrow plate.	Replace route marker assemblies.	X			Х		
8-12	Along both approaches to the intersection of CR 690- it has been suggested that crossroad symbol warning signs with supplemental street nameplates should be installed.	Install crossroad symbol warning signs with supplemental street name plates along both CR 672 approaches to the CR 690 intersection.	Х			Х		

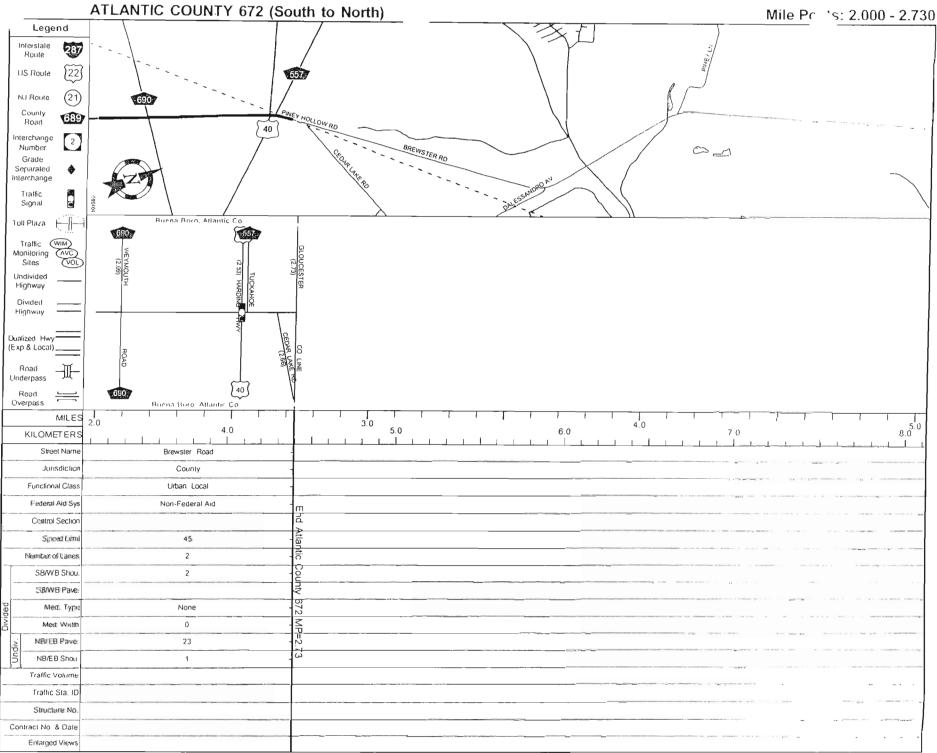
Location 8 - Field View continued

			LEVEL (OF EFFORT RE	QUIRED	POTENT	TAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
8-13	Between CR 690 and Forest Grove Road - centerline markings are confusing as currently painted and may result in a short passing zone.	Compare centerline markings against authorized NPZ plan and re-install centerline marking to correct any confusion.	X				X	
8-14	Along both approaches to the intersection of Forest Grove Road - it has been suggested that crossroad symbol warning signs with supplemental street nameplates should be installed.	Install crossroad symbol warning signs with supplemental street name plates along both CR 672 approaches to the Forest Grove Road intersection.	X			X		
8-15	Southbound side in the vicinity of milepost 1.50 - unconventional 'share the road' sign.	Replace sign with conventional share the road sign.	X			Х		
8-16	There are two horizontal curves along the road - it has been suggested that both curves be ball banked to determine if advisory speed plates are justified.	Ball bank curves and add appropriate speed plates if survey finds that they are justified.	Х				Х	
8-17	Southbound side - mailbox for house number 357 in the vicinity of milepost 1.23 limits the visibility of chevron alignment warning sign. Sign is on southbound side of road but faces northbound traffic.	Relocate sign to north side of the mail box.	X			Х		
8-18	Southbound side- approaching CR 682 - "JCT 682" route marker sign assembly is worn.	Replace with new sign assembly.	Х			Х		
8-19	Southbound at CR 682 - "682" with arrow to the right sign assembly is worn.	Replace sign assembly.	Х			Х		

Location 8 - Field View continued

			LEVEL OF EFFORT REQUIRED			POTENTIAL SAFETY BENEFI		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
8-20	Southbound side just south of CR 682 - confirming route marker assembly "SOUTH 672" is worn.	Replace with new sign assembly.	Х			Х		
8-21	Southbound side in the vicinity of mile post 0.55 - three sections of guide rail. Need for the quide rail is questionable and end treatments are not to current standards.	It is suggested that the need for the guide rail be evaluated and if it is to be retained the end treatments be upgraded to meet current standards.			Х		Х	





NEW JERSEY DEPARTMF OF TRANSPORTATION BUREAU OF S. Y PROGRAMS DETAIL OF MOTOR VEHICLE ACCIDENTS ON ROUTE 672 MILEPOST 0.000 TO 2.220 01/01/2003 TO 12/31/2005

ROAD SYSTEM DOC LOC_NUM	COLLISION	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LI	re date	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB _CIRCUMSTANCES	NO KIL	ON LNJ	NO ACC
<i>COUNTY ROAD</i> 04322409	CR 672 SAME DIR-REAR	MP 000.17 N- PASS-GOING STRT	<i>NEAR JANET ST</i> N- PASS-STOP-TRAF	C/D DAY	12/30/04	BUENA BORO THR 13:04 DRI INATTENTION	ATLANTIC NONE	<i>0</i> 0	<i>O</i>	.7.
<i>COUNTY ROAD</i> 05059750	<i>CR 672</i> Same dir-rear	MP 000.33 N- PASS-START TRAF	AT CR 619 N- PASS-START TRAF	C/D DAY	03/21/05	BUENA BORO MON 12:38 NONE	ATLANTIC FOLLOW TO CLOSE	0	0	2
05231687	UNKNOWN	N- PASS-LEFT TURN	N- PASS-GOING STRT	C/D DAY		TUE 16:47 IMP TURN SIGNAL	FAIL TO YLD ROW	0	0	
COUNTY ROAD	CR 672	MP 000.34	NEAR CR 619	- (BUENA BORO	ATLANTIC	0	0	1
03232561	SAME DIR-REAR	S- PASS-STOP-TRAF	S- UNKN-UNKNOWN	C/D DAY	09/20/03	SAT 10:34 NONE	UNKNOWN	0	0	
COUNTY ROAD 05240515	CR 672 RAN OFF ROAD	MP 000.38 S- PICK-GOING STRT	NEAR CR 619	C/D DAE	K 10/19/05	BUENA BORO WED 19:18 FAIL TO KEEP RT	ATLANTIC	<i>0</i> 0	<i>0</i>	1
COUNTY ROAD	CR 672	MP 000.51	NEAR CR 682	0,0 0,11	10,10,00		AMI ANIMEO			
03223173	RAN OFF ROAD	N- PICK-GOING STRT		C/D DND	K 09/27/03	BUENA BORO SAT 06:36 DRI INATTENTION	ATLANTIC	0	0	1
COUNTY ROAD	CR 672	MP 000.95	NEAR SUMMER AVE			BUENA BORO	ATLANTIC	0	0	1
05289234	SAME DIR-REAR	N- SBUS-SLOW-STOP	N- PASS-GOING STRT	C/D DAY	12/02/05	FRI 15:45 NONE	DRI INATTENTION	0	0	
COUNTY ROAD 03007073	CR 672 RAN OFF ROAD	MP 000.99 N- PICK-GOING STRT	NEAR CR 682	s/I DAY	01/29/03	BUENA BORO WED 08:13 NONE	ATLANTIC	0	0	1
				•	01/29/03			()	0	
<i>COUNTY ROAD</i> 03236734	CR 672	MP 001.71 S- PASS-GOING STRT	AT FOREST GROVE ROAD W- PASS-GOING STRT	C/D DAY	10/02/02	BUENA BORO	ATLANTIC	J	4	5
03268325	ANGLE	S- PASS-GOING STRT	W- PASS-GOING STRT	C/D DAY		FRI 13:54 NONE WED 08:52 NONE	DISOBEYED TCD	0	0	
04098934	UTILITY POLE ANGLE	S- PASS-GOING STRT	W- PASS-GOING STRT	C/D DAY		FRI 13:00 NONE	DRI INATTENTION DRI INATTENTION	0	2	
05076993	ANGLE	N- PICK-GOING STRT	W- OTHR-GOING STRT	C/D DAY		THR 11:46 NONE	DISOBEYED TCD	0	1	
05244280	ANGLE	S- MCYC-GOING STRT	E- TC14-GOING STRT	C/D DAY		WED 08:26 DISOBEYED TCD	NONE DISORFIED LCD	7	()	
COUNTY ROAD	CR 672	MP 001.81	NEAR GROVE ROAD			BUENA BORO	ATLANTIC	0	0	1
03007072	TREE	S- PICK-GOING STRT	~ -	S/I DAY	01/29/03	WED 10:53 OTHER		()	O	
COUNTY ROAD	CR 672	MP 002.09	AT CR 690			BUENA BORO	ATLANTIC	2	9	13
03077364	ANGLE	E- PICK-GOING STRT	S- PASS-GOING STRT	C/D DAY	04/10/03	THR 15:27 DRI INATTENTION	NONE	(r)	O	
03160247	ANGLE	S- PICK-GOING STRT	W- VAN-GOING STRT	R/W DAY	07/14/03	MON 10:12 NONE	IMP TURN SIGNAL	Ó	0	
03241595	UTILITY POLE	E- PASS-PARKING		R/W DAR	10/14/03	TUE 23:55 DRI INATTENTION		0	0	
03249984	ANGLE	W- VAN-GOING STRT	S- PICK-GOING STRT	C/D DAY		MON 12:08 DRI INATTENTION	NONE	0	0	
93322562	ANGLE	N- PICK-GOING STRT	W- PICK-GOING STRT	R/W DAY		WED 11:55 NONE	DRI INATTENTION	0	3	
04092396	ANGLE	S- PASS-GOING STRT	W- PASS-START TRAF	C/D DAY		TUE 08:14 NONE	DEI INATTENTION	Ω	0	
04092395	ANGLE	W- PICK-GOING STRT	N- VAN-GOING STRT	C/D DAY		WED 13:41 DRI INATTENTION	NONE	O	1	
04115663	ANGLE	W- PICK-GOING STRT	N- PASS-GOING STRT			TUE 19:08 DISOBEYED TCD	NONE	O		
04151773	ANGLE	N- PASS-GOING STRT	W- PASS-GOING STRT	C/D DAY	06/26/04	SAT 18:29 NONE	DISOBEYED TOP	()	3	

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February 1, 2007

NEW JERSEY DEPARTM OF TRANSPORTATION

BUREAU OF S. _ IY PROGRAMS

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DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 672

MILEPOST 0.000 TO 2.220

01/01/2003 TO 12/31/2005

ROAD SYSTEM	COLLISION	VEHICLE 1 DIR TRAV	VEHICLE 2 DIR TRAV	WEA		VEH 1 CONTRIB	VEH 2 CONTRIB	NO.	NO	NO
DOC LOC NUM	INVOLVED	VEH TYPE, VEH ACTN	VEH TYPE, VEH ACTN	SUR LITE	DATE DOW T	TIME CIRCUMSTANCES	CIRCUMSTANCES	KIL	INJ	ACC
COUNTY ROAD	CR 672	MP 002.09	AT UNKNOWN INTERSECT	rion	BUENA	BORO	ATLANTIC	2	9	13
04265562	ANGLE	S- VAN-GOING STRT	W- PASS-GOING STRT	C/D DAY	10/01/04 FRI 14	4:23 NONE	DRI INATTENTION	0	1	
04261678	ANGLE	N- PASS-GOING STRT	W- PICK-SLOW-STOP	C/W DAY	10/02/04 SAT 12	2:08 NONE	DRI INATTENTION	0	0	
04334477	ANGLE	W- PASS-GOING STRT	N- PICK-GOING STRT	C/D DAY	10/18/04 MON 16	5:11 DISOBEYED TCD	NONE	2	1	
05193635	ANG L/E	N- PASS-GOING STRT	E- PASS-GOING STRT	C/D DAY	08/30/05 TUE 16	5:10 NONE	DRI INATTENTION	0	0	

2007059 Safety Scan: March 15 2007



P3140005



P3140007



P3140006



P3140008

2007059 Safety Scan: March 15 2007



P3140009

Location 9

CR 682 MP 0.00 to MP 1.84

<u>Location 9 – CR 682 – MP 0.00 to MP 1.84</u>

Summer Road Brewster Road/ Harding Highway Buena Borough (1.84 miles)

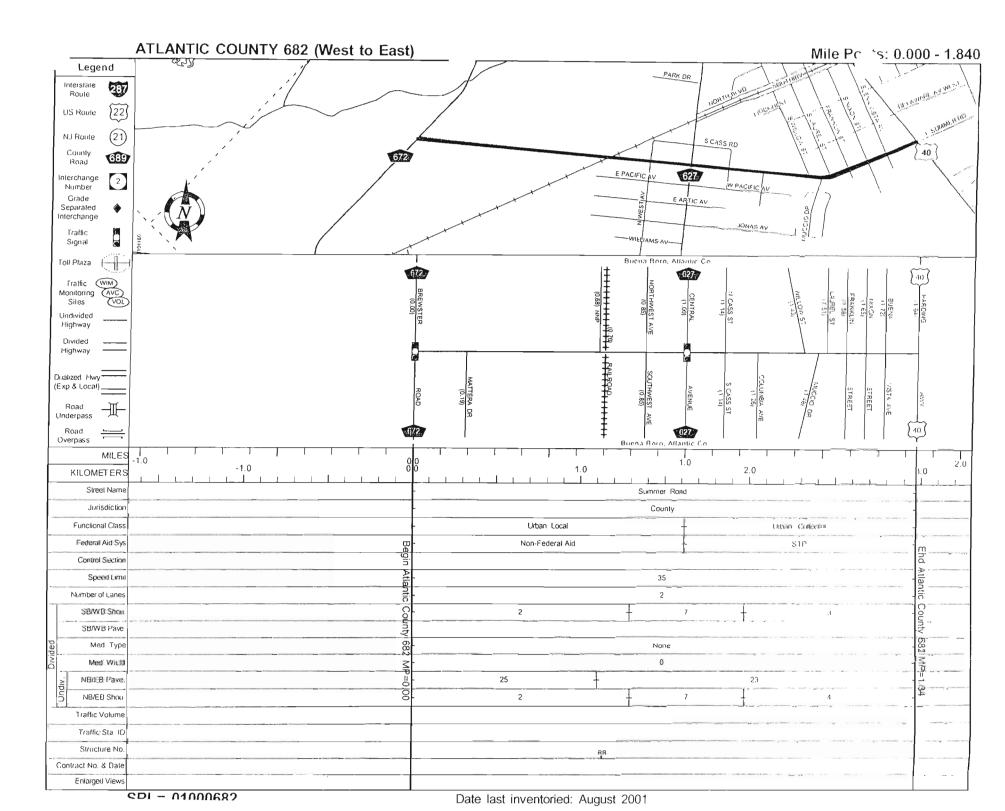
DAYTIME FIELD VIEW

CR 682 - Summer Road

			LEVEL (OF EFFORT RE	QUIRED	POTENTIAL SAFETY BENEFIT			
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	
9-1	Eastbound approaching RT 40 - It was suggested that a "STOP AHEAD" symbol warning sign is needed along this approach.	Install suggested sign.	X			Х			
9-2	Eastbound at RT 40 - It was suggested that the existing 30"x30" STOP sign be replaces with an oversized STOP sign.	Install oversized STOP sign.	X			X			
9-3	Curve in road in the vicinity of Laurel Street - curve should be ball banked in both directions of traffic to determine if advisory speed plates are justified.	Ball bank curves and add appropriate speed plates if survey finds that they are justified.	X				X		
9-4	Both direction of traffic approaching Central Avenue - no "STOP AHEAD" symbol warning sign along either approach.	Install "STOP AHEAD" symbol warning signs.	X			X			
9-5	Westbound at highway-rail grade crossing in the vicinity of milepost 0.70 - highway-rail grade crossing advance warning sign is worn as well as the in the road highway-rail grade crossing pavement markings.	Replace worn sign and repaint worn pavement markings. Also, consideration should be given to investigating if the tracks are still used and if they are not having the crossing declared out of service or exempt.	Х			Х			

Location 9 - Field View continued

			LEVEL (OF EFFORT RE	QUIRED	POTENT	IAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
9-6	Westbound at highway-rail grade crossing in the vicinity of milepost 0.70 - highway-rail grade crossing warning sign (crossbuck) is worn.	Contact the railroad regarding the worn highway-rail grade crossing sign. Also, consideration should be given to investigating if the tracks are still used and if they are not having the crossing declared out of service or exempt.	Х			X		
9-7	Westbound approaching CR 672 - tree branches obstruct visibility of STOP sign.	Trim tree branches.	X				X	
9-8	Eastbound at highway-rail grade crossing in the vicinity of milepost 0.70- highway-rail grade crossing warning sign (crossbuck) is missing as is a highway-rail grade crossing advance warning sign.	Contact the railroad regarding the missing highway-rail grade crossing sign. Install the missing highway-rail grade crossing advance warning sign. Also, consideration should be given to investigating if the tracks are still used and if they are not having the crossing declared out of service or exempt.	X			X		
9-9	Eastbound in the vicinity of milepost 1.44 - two inlets that do not have bicycle safe grates.	Replace grates with bicycle safe grates.	Х			X		
9-10	Northeast corner of Mucco Drive - guide rail with end treatments that do not meet current standards and the need for the quide rail is questionable.	It is suggested that the need for the guide rail be evaluated and if it is to be retained the end treatments be upgraded to meet current standards.			X		X	



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BUREAU OF Sr. IY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 682

MILEPOST 0.000 TO 1.840

01/01/2003 TO 12/31/2005

ROAD SYSTEM DOC LOC NUM	COLLISION INVOLVED	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LITE	DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB CIRCUMSTANCES	NO KIL	ON UNJ	NO ACC
COUNTY ROAD	CR 682 SAME DIR-SIDE	MP 000.65 W- PASS-GOING STRT	NEAR WEST AVENUE W- MCYC-GOING STRT	C/D DAY	10/08/04	BUENA BORO FRI 15:38 IMP TURN SIGNAL	ATLANTIC NONE	0	1	1
COUNTY ROAD 05168986	CR 682 ANGLE	MP 000.85 W- PASS-GOING STRT	AT WEST AVENUE S- PASS-MERGING	C/D DAY	07/20/05	BUENA BORO WED 12:23 NONE	ATLANTIC DRI INATTENTION	<i>0</i> 0	0	1
COUNTY ROAD 05075781	CR 682 LEFT TURN	MP 000.95 E- PASS-GOING STRT	NEAR WEST AVENUE W- PICK-LEFT TURN	C/D DAY	04/05/05	BUENA BORO TUE 14:33 NONE	ATLANTIC DRI INATTENTION	0	0	1
COUNTY ROAD 04221911	CR 682 SAME DIR-SIDE	MP 001.00 S- PASS-GOING STRT	AT UNKNOWN INTERSECTI S- PICK-RIGHT TURN		09/24/04	BUENA BORO FRI 08:45 IMP PASSING	<i>ATLANTIC</i> IMP TURN SIGNAL	0	<i>0</i> 0	1
COUNTY ROAD 04261516	CR 682 ANGLE	MP 001.14 W- PASS-GOING STRT	AT UNKNOWN INTERSECTI S-CTC16-BACKING		11/04/04	BUENA BORO THR 14:30 NONE	<i>ATLANTIC</i> BACKING UNSAFE	<i>0</i>	<i>0</i> 0	1
COUNTY ROAD 05100038	CR 682 RAN OFF ROAD	MP 001.39 S- MCYC-GOING STRT	NEAR WILLOW STREET	C/D DAY	05/04/05	BUENA BORO WED 14:30 UNKNOWN	ATLANTIC	0	1	1
COUNTY ROAD 04165640	CR 682 PEDESTRIAN	MP 001.43 N- PASS-BACKING	NEAR WILLOW STREET	C/D DARK	07/22/04	BUENA BORO THR 21:58 BACKING UNSAFE	ATLANTIC	0	1	1
COUNTY ROAD 03182375	CR 682	MP 001.83 S- PASS-GOING STRT	NEAR RT 40 W- PASS-RIGHT TURN	r/w DARK	08/09/03	BUENA BORO SAT 23:01 NONE	ATLANTIC UNSAFE SPEED	<i>0</i> 0	<i>0</i>	1

2007059 Safety Scan: March 15 2007





P3140011

Location 10

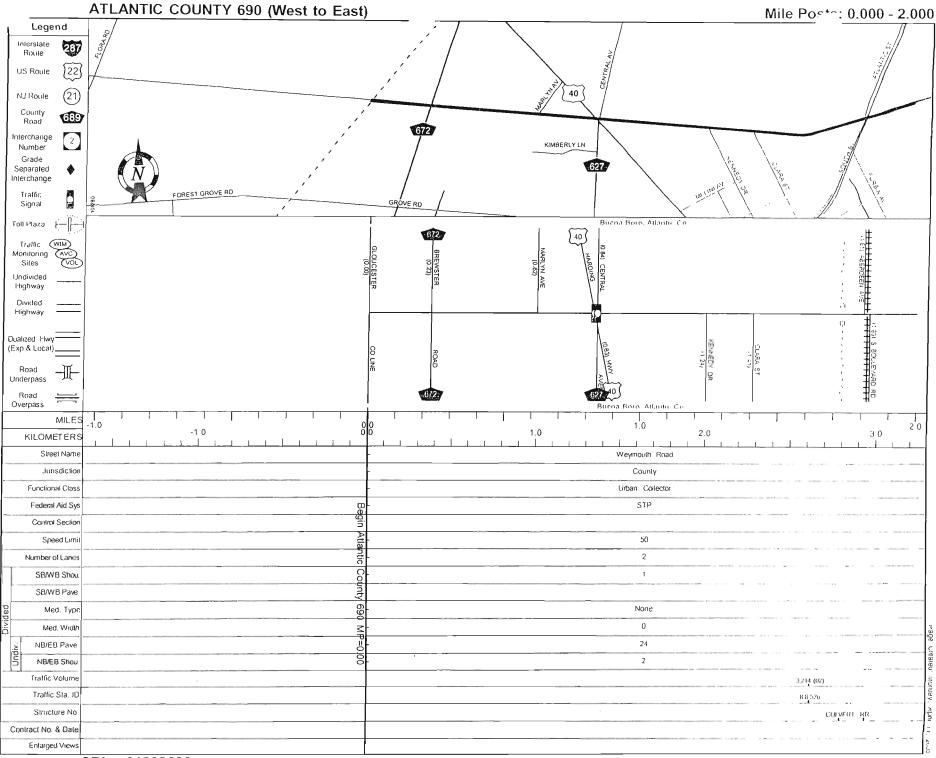
CR 690 MP 0.00 to MP 2.22

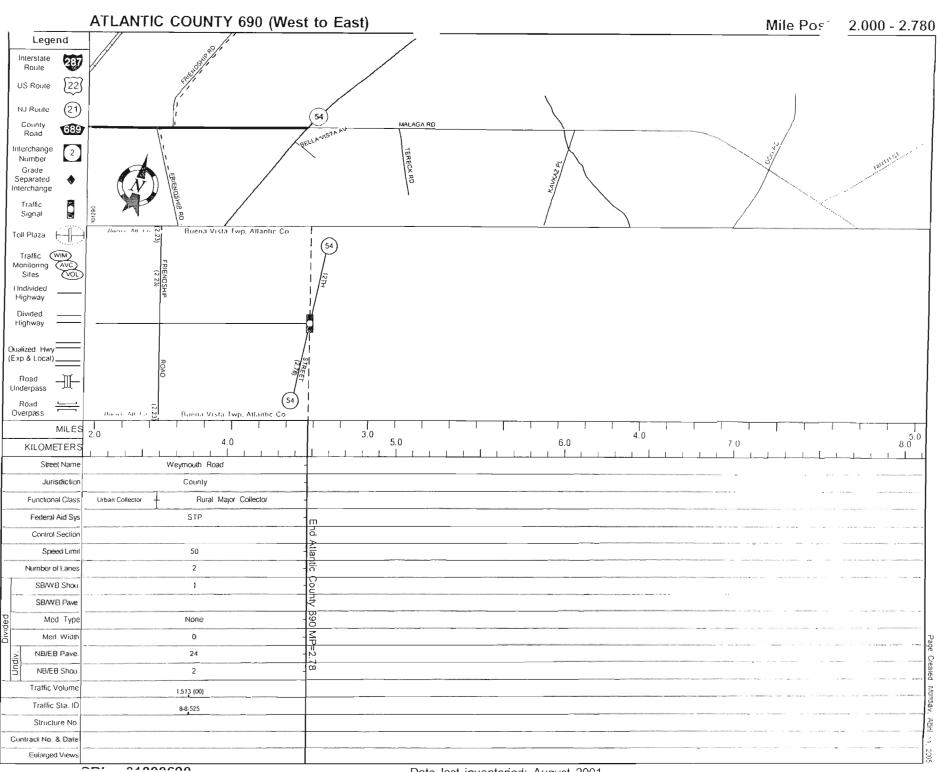
<u>Location 10 - CR 690 - MP 0.00 to MP 2.22</u>

Weymouth Road Gloucester County Line/ Friendship Road Buena Borough (2.22 miles)

DAY	TIME FIELD VIEW	CR 690 – Weymouth Re	oad						
		_	LEVEL (OF EFFORT RE	QUIRED	POTENTIAL SAFETY BENEFIT			
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	
10-1	Both directions of travel at highway-rail grade crossing at milepost 1.81 - one of the flashing light fixtures (rondell) is missing and highway-rail grade crossing warning sign (crossbuck) is worn.	Contact the railroad regarding missing fixtures (rondell) and the worn highway-rail grade crossing sign. Also, consideration should be given to investigating if the tracks are still used and if they are not having the crossing declared out of service or exempt.		X			X		
10-2	Southbound just south of Rt 40 - confirming route marker assembly "WEST 690" is worn.	Replace with new route marker assembly.	Х			X			
10-3	Marlyn Avenue approach to CR 690 - post supporting STOP sign is leaning.	Re-install post.	X			Х			
10-4	Both CR 690 approaches to CR 672 - there are two "STOP AHEAD" symbol-warning signs on each approach.	Install distance plate on signs farthest from intersection.	Х			X			
10-5	Northwest corner CR 672 - new house with planting in sight triangle. Vegetation may be too tall limiting sight distance.	Consideration should be given to contacting the property owner regarding maintaining adequate sight triangle.	Х			Х			
10-6	Eastbound just east of Rt 40 - confirming route marker assembly" EAST 690" is	Replace with new route marker assembly.	X			X			

worn.





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NEW JERSEY DEPARTMI OF TRANSPORTATION BUREAU OF S. I'Y PROGRAMS DETAIL OF MOTOR VEHICLE ACCIDENTS ON ROUTE 690 MILEPOST 0.000 TO 2.220

01/01/2003 TO 12/31/2005

ROAD SYSTEM	COLLISION INVOLVED	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV	WEA	ר האתר	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB CIRCUMSTANCES	NO KT	NO	NO.
pod Toć Moni	TWOOD OF SE	VBH TIPE, VBH ACTV	VER TIPE, VER ACTIV	SOK_DITE	DATE	DOW TIME CIRCOMSTANCES	CTRCOMSTANCES	KTL	TMD	ACC
COUNTY ROAD	CR 690	MP 000.23	NEAR CR 672			BUENA BORO	ATLANTIC	0	0	1
03012217	SAME DIR-REAR	E- PASS-GOING STRT	E- PASS-GOING STRT	C/D DAY	02/06/03	THR 07:51 NONE	FOLLOW TO CLOSE	0	0	
COUNTY ROAD	CR 690	MP 000.82	NEAR RT 40			BUENA BORO	ATLANTIC	0	0	1
05059749	UTILITY POLE	W- PICK-GOING STRT		C/D DARK	03/25/05	FRI 00:57 ANIMAL ACTION		0	0	
COUNTY ROAD	CR 690	MP 000.83	AT RT 40	- /	/ /	BUENA BORO	ATLANTIC	0	0	1
03057565	OTHRFIXOBJECT	E- PASS-STOP-TRAF		C/D DAY	03/07/03	FRI 16:20 OTHER		0	0	
COUNTY ROAD	CR 690	MP 000.84	AT UNKNOWN INTERSECT		00/00/00	BUENA BORO	ATLANTIC	0	0	1
05058225	RAN OFF ROAD	W- PASS-GOING STRT		C/W DARK	03/20/05	SUN 06:00 OTHER		0	0	
COUNTY ROAD	CR 690	MP 001.00	NOT AT INTERSECTION	C/D DAY	02/10/05	BUENA BORO	ATLANTIC	0	0	.1
05061847	ANGLE	S- POLC-U TURN	W- PASS-GOING STRT	C/D DAY	02/18/05	FRI 11:05 DRI INATTENTION	NONE	0	0	
COUNTY ROAD 03124459	CR 690 SAME DIR-SIDE	MP 001.33 E- PICK-LEFT TURN	NEAR RT 40	C/D DAY	06/14/03	BUENA BORO SAT 14:20 NONE	ATLANTIC DRI INATTENTION	0	0	1
					00/14/03					
COUNTY ROAD 03230778	CR 690 ANIMAL - DEER	MP 001.77 W- TAXI-GOING STRT	NEAR SOUTH BOULEVARD		10/02/03	BUENA BORO THR 04:01 DRI INATTENTION	ATLANTIC	0	0	1
				0,2 2,111	10,00,00				-	
COUNTY ROAD 05132282	CR 690 ANGLE	MP 001.81 W- PASS-GOING STRT	NEAR SOUTH BOULEVARD N- PICK-GOING STRT	C/D DAY	06/07/05	BUENA BORO TUE 06:26 NONE	ATLANTIC DISOBEYED TCD	<i>0</i> 0	1	1
					,,					
COUNTY ROAD 04103914	CR 690 LEFT TURN	MP 001.83 E- PASS-GOING STRT	AT UNKNOWN INTERSECTI W- PASS-LEFT TURN		05/11/04	BUENA BÓRO TUE 07:53 NONE	ATLANTIC FAIL TO YLD ROW	0	1	J.
					,,					
					09/28/03	SUN 02:45 NONE	AILANTIC	0	0	1
COUNTY ROAD 03232560	CR 690 ANIMAL - DEER	MP 002.22 W- PICK-GOING STRT	NEAR FRIENDSHIP ROAD		09/28/03	BUENA BORO SUN 02:45 NONE	ATLANTIC	<i>0</i>	0	1

Location 11

CR 561S MP (n/a) to MP (n/a)

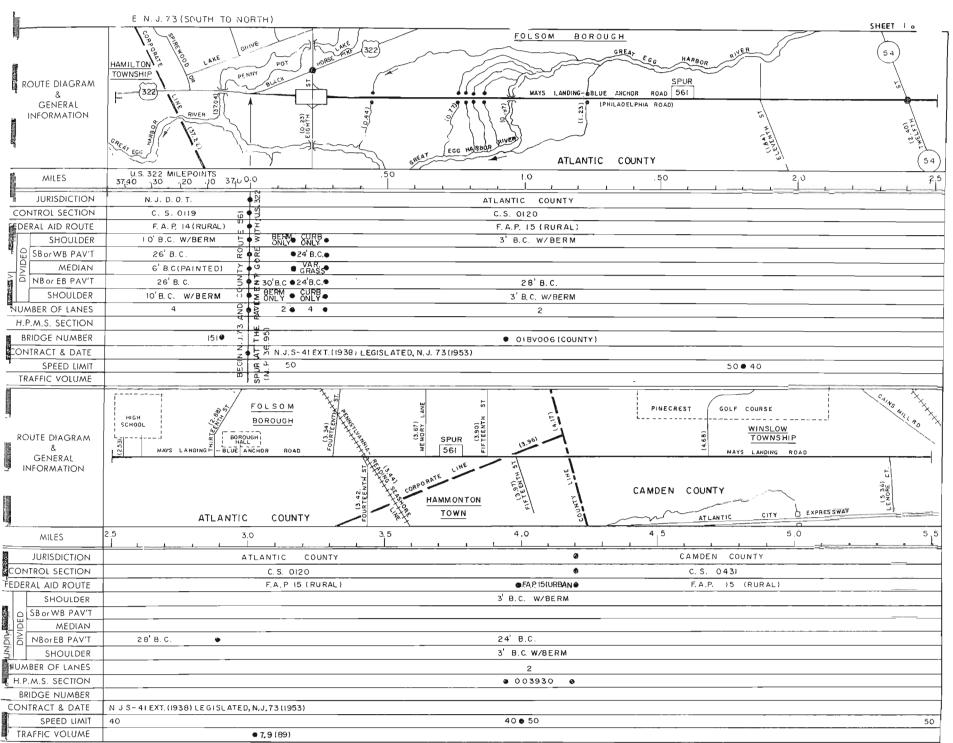
<u>Location 11 – CR 561S – MP (N/A) to MP (N/A)</u>

Mays Landing – Blue Anchor Road Camden County Line/ U.S. 322 Folsom (4.00 miles)

			LEVEL (OF EFFORT RE	QUIRED	POTENTIAL SAFETY BENEFIT		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
	General note- Crash data for this segment of road which is an extension of RT 73 was not available.							
]-	General note: Road was resurfaced between milepost 0.0 and 1.0.							
11-2	Both sides of road at bridge in the vicinity of milepost 0.95 - guide rail with end treatments that do not appear to conform to current standards and is not attached to bridge parapets.	It is suggested that the guide rail be upgraded to meet current standards.			X		X	
11-3	Northbound side just south of bridge at milepost 0.95 - two empty signposts. Sign posts should have sign identifying the waterway as the Great Egg Harbor River.	Install sign identifying the waterway as the Great Egg Harbor River.	X			X		
11-4	Northbound in the vicinity of milepost 1.3 - "NO PASSING ZONE" pennant on the left side of road is damaged.	Replace with new sign.	Х			Х		
11-5	Northbound side at milepost 1.74 - "REDUCE SPEED AHEAD" sign is worn.	Replace with speed reduction warning sign W3-5 or W3-5a.	Х			X		
11-6	Northbound side just north of RT 54 - School Crossing Advance warning sign, does not appear to be a crossing at this point.	Remove existing School Crossing Advance warning sign.	Х			Х		
11-7	Northbound side in the vicinity of milepost 2.6 - "SPEED LIMIT 40" sign worn.	Replace with new sign.	X			X		

Location 11 – Field View continued

			LEVEL OF EFFORT REQUIRED			POTENTIAL SAFETY BENEFIT		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
11-8	Northbound side approaching the Folsom School - in the road, school pavement markings are worn.	Re-install in the road school pavement markings.	X			X		
11-9	Northbound side at 14 th Street - highway- rail grade crossing pavement markings are worn.	Re-install highway-grade crossing pavement markings.	X			X		
11-10	Northbound side at highway grade crossing in the vicinity of milepost 3.5 - highway-rail grade crossing (crossbuck) sign is worn	Consideration should be given to contacting the railroad to replace the worn sign.	X			X		
11-12	Southbound side approaching the highway-rail grade crossing in the vicinity of milepost 3.5 - highway-rail grade crossing pavement markings are worn.	Re-install highway-grade crossing pavement markings.	Х			Х		
11-13	Southbound side in the vicinity of fourteenth Street - "SPEED LIMIT 40" sign is worn.	Replace with new sign.	X			Х		
11-14	Southbound side of road in the vicinity of milepost 1.0 - guide rail with end treatments that do not appear to conform to current standards.	It is suggested that the end treatments be upgraded to meet current standards.			Х		Х	



Location 12

CR 623 MP 0.00 to MP 10.74

Location 12 - CR 623 - MP 0.00 to MP 10.74

Weymouth-Elwood Road/ Elwood-Pleasant Mills Road Weymouth Road/ Weekstown-Pleasant Mills Road Hamilton, Mullica (10.74 miles)

DAYTIME FIELD VIEW

CR 623 - Weymouth-Elwood Road/ Elwood-Pleasant Mills Road

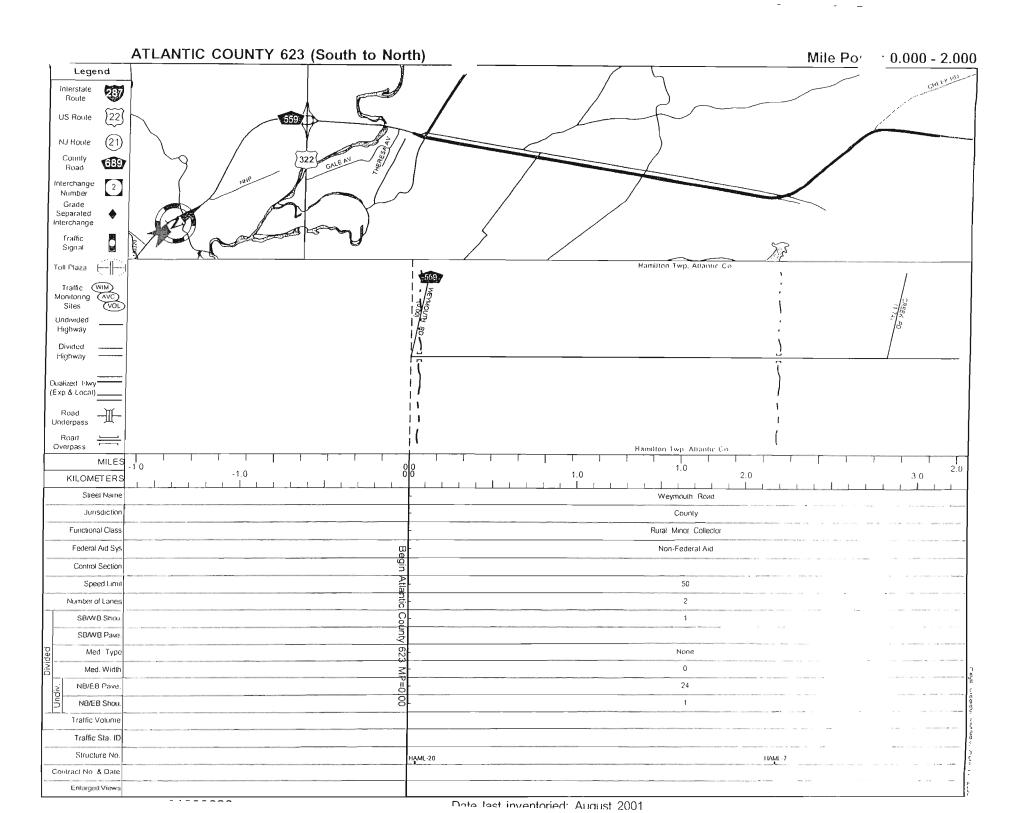
			LEVEL (OF EFFORT RE	QUIRED	POTENT	IAL SAFETY B	ENEFIT
SAFETY ISSUE		REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
12-1	Northbound side at mile post 0.0 - guide rail with end treatments that do not appear to conform to current standards.	It is suggested that the end treatments be upgraded to meet current standards.			X		X	
12-2	Both sides of the road at the bridges over the AC Expressway - guide rail with end treatments (spears) that do not conform to current standards.	It is suggested that the end treatments be upgraded to meet current standards.			Х		Х	
12-3	Reading Avenue westbound approach - Post supporting STOP sign is leaning, STOP sign is defaced.	Re-set sign post and clean or replace sign.	X			X		
12-4	Northbound side just north of Rt 30 - "SPEED LIMIT 35" sign is worn.	Replace with new sign.	Х			Х		
12-5	Along both CR 623 approaches to Old Egg Harbor Road, there are School advance warning signs and school crossing signs. They lack the necessary "AHEAD" plate on the advance warning signs and "ARROW" plates on the school crossing warning signs. The painted crosswalks at this location are worn.	Install "ADVANCE" plate on the advance school crossing warning signs and "ARROW" plates on the school crossing warning signs. Reinstall the worn crosswalks.	Х			Х		

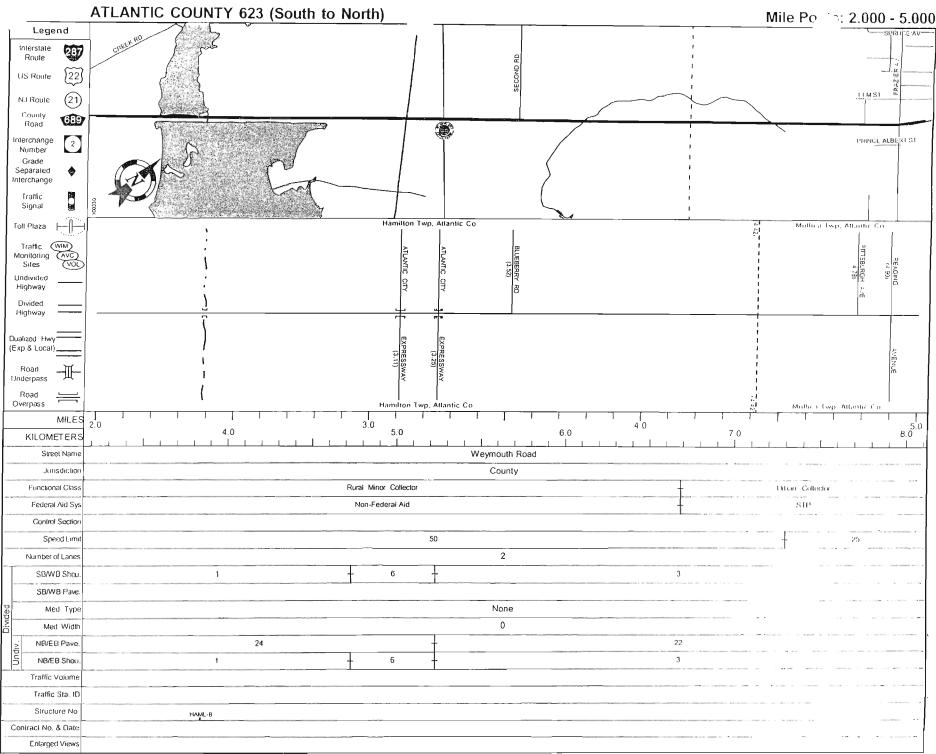
Location 12 - Field View continued

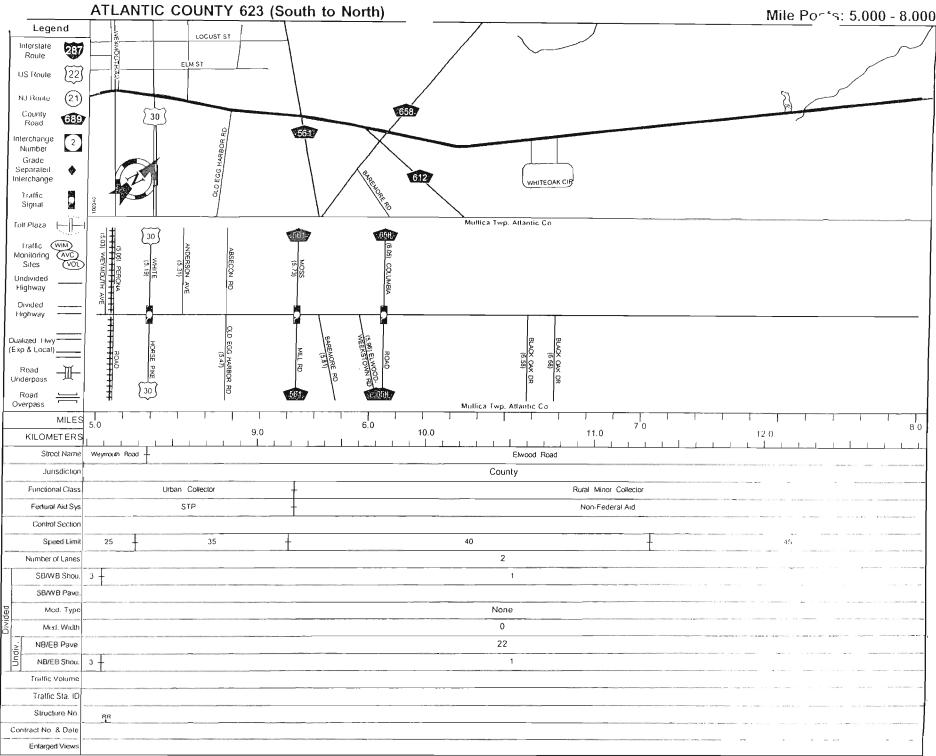
			LEVEL	OF EFFORT RE	QUIRED	POTENTIAL SAFETY BENEFIT			
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	
12-6	Along both CR 623 approaches to CR 561, there are School advance warning signs and school crossing signs. They lack the necessary "AHEAD" plate on the advance warning signs and "ARROW" plates on the school crossing warning signs.	Install "ADVANCE" plate on the advance school crossing warning signs and "ARROW" plates on the school crossing warning signs.	X			X			
12-7	Northbound side approaching CR 612 - "JCT 612" route marker assembly is worn.	Replace with new route marker assembly.	X			X			
12-8	Northbound side south of CR 612 - "SPEED LIMIT 40" sign is worn.	Replace with new sign.	X			Х			
12-9	Northbound just north of CR 658- "SPEED LIMIT 40" sign is worn.	Replace with new sign.	X			Х			
12-10	Northbound side in the vicinity of milepost 10.0 - damaged guide rail with end treatments that do not appear to conform to current standards.	It is suggested that the damaged guide rail be repaired and the end treatments be upgraded to meet current standards.			Х		Х		
12-11	Both sides of the road at milepost 10.1 - guide rail with end treatments that do not appear to conform to current standards.	It is suggested that end treatments be upgraded to meet current standards.			Х		X		
12-12	Both sides of the road from milepost 10.4 to 10.74 - several sections of guide rail that are old, damaged and have end treatments that do not appear to conform to current standards.	It is suggested that guide rail be upgraded to meet current standards.			Х		Х		
12-13	Northbound side approaching CR 542. It was suggested that the installation of a stop ahead warning sign should be considered.	Install stop ahead warning sign.	Х			Х			
12-14	Southbound side just south of CR 542- confirming route marker assembly "SOUTH 623" is worn.	Replace with new sign.	Х			Х			

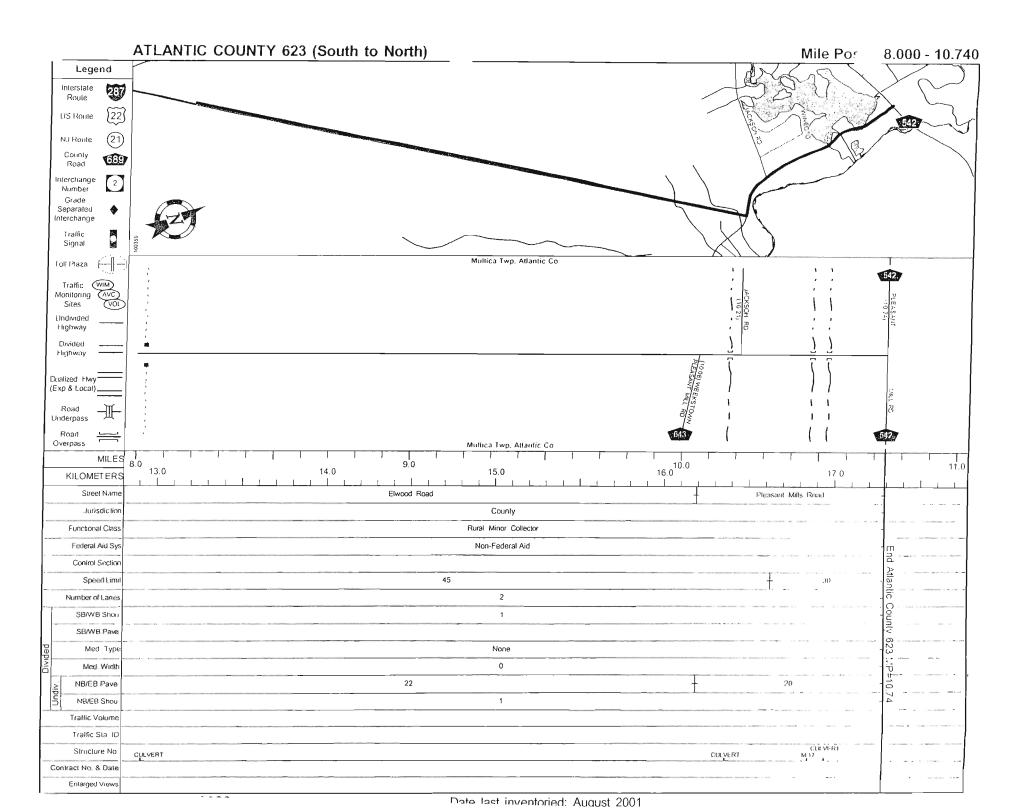
Location 12 – Field View continued

			LEVEL	LEVEL OF EFFORT REQUIRED			TAL SAFETY B	ENEFIT
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
12-15	Southbound approaching CR 658 - "JCT	Replace with new sign assembly.	X			X		
	658" sign assembly is worn.							
12-16	Southbound side in the vicinity of	Replace with new sign assembly.	X			X		
	milepost 5.8 - "SOUTH 623" confirming							
10.17	route marker assembly is worn.	Cl	37			37		
12-17	Southbound side just south of CR 561 - "SPEED LIMIT 35" sign needs to be	Clean or replace sign.	X			X		
	cleaned or replaced.							
12-18	Southbound side south of CR 561 -	Clean or replace sign.	X			X		
12 10	"SOUTH 623" confirming route marker	Clean of replace sign.	71			7.		
	assembly needs to be cleaned or replaced.							
12-19	Southbound side in the vicinity of	Clean or replace sign.	X			X		
	milepost 5.37 -"END SCHOOL ZONE"							
_	sign needs to be cleaned or replaced.							
12-20	Southbound side in the vicinity of	Replace with grate that is bicycle	X			X		
	milepost 5.3 - inlet with grate that is not	safe.						
	bicycle safe.							
12-21	Southbound side in the vicinity of	Clean or replace sign.	X			X		
	milepost 5.3 - "SPEED LIMIT 35" sign							
12-22	needs to be cleaned or replaced. Southbound side in the vicinity of	Clean or replace "FIREHOUSE"	X			X		_
12-22	milepost 5.3 - "FIREHOUSE" symbol	symbol warning sign, remove	^			^		
	warning sign with plate "FIRE	"FIRE STATION" plate.						
	STATION". Sign needs to be cleaned or	, , , , , , , , , , , , , , , , , , ,						
	replaced. "FIRE STATION" plate should							
	be removed.							
12-23	Southbound side just north of CR 559-	Replace with new route marker	Х			Х		
	"JCT 559" route marker assembly is	assembly.						
	worn.							









NEW JERSEY DEPARTM OF TRANSPORTATION BUREAU OF S... LTY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 623

MILEPOST 0.000 TO 10.740 01/01/2003 TO 12/31/2005

ROAD SYSTEM		VEHICLE 1 DIR TRAV VEH TYPE VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LIT	E DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB	NO KIL	INJ NO	NO ACC
COUNTY ROAD 04044802	CR 623 RAN OFF ROAD	MP 001.30 N- PASS-GOING STRT	NOT AT INTERSECTION	C/D DAR	K 01/31/04	HAMILTON TWP SAT 19:46 DRI INATTENTION	ATLANTIC	0	1	1
COUNTY ROAD 03286949	CR 623 OVERTURN-RLVR	MP 001.74 S- MCYC-GOING STRT	AT CREEK ROAD 	C/D DAY	10/13/03	HAMILTON TWP MON 14:12 VEHICLE DEFECT	ATLANTIC	<i>0</i>	1	.1
COUNTY ROAD 04159191	CR 623 EMBANKMENT	MP 002.10 S- PASS-GOING STRT	NOT AT INTERSECTION	C/D DAR	03/12/04	HAMILTON TWP FRI 20:39 ANIMAL ACTION	ATLANTIC	<i>0</i> 0	<i>J</i> 1	1
COUNTY ROAD 03228420	CR 623 GUIDE RAIL	MP 002.70 - PASS-GOING STRT	NOT AT INTERSECTION	C/D DAY	08/26/03	HAMILTON TWP TUE 15:27 ANIMAL ACTION	ATLANTIC	0	<i>o</i> 0	1
COUNTY ROAD 04267978	CR 623 RAN OFF ROAD	MP 003.00 S- PASS-UNKNOWN	NOT AT INTERSECTION	C/D DARK	09/12/04	HAMILTON TWP SUN : ANIMAL ACTION	ATLANTIC	0) 1	1
COUNTY ROAD 05221871	CR 623 RAN OFF ROAD	MP 003.40 S- PASS-GOING STRT	NOT AT INTERSECTION 	U/U DAY	08/20/05	HAMILTON TWP SAT 08:50 DRI INATTENTION	ATLANTIC	<i>0</i> 0	0	ı
COUNTY ROAD 03186266	CR 623 OTHER NONCOLL	MP 004.60 N-CTC16-GOING STRT	NEAR READING AVENUE	R/W DAY	08/16/03	MULLICA TWP SAT 17:29 ANIMAL ACTION	ATLANTIC	0	0	1
COUNTY ROAD 03051742 03186267 04126602 05217934	CR 623 ANGLE ANGLE ANGLE ANIMAL · DEER	MP 004.90 S- PASS-GOING STRT N- PICK-GOING STRT S- PASS-GOING STRT N- PICK-GOING STRT	AT READING AVENUE E- PASS-START PARK E- VAN-GOING STRT W- PASS-START TRAF	C/D DAY	08/19/03 06/03/04	MULLICA TWP SAT 13:17 NONE TUE 05:46 NONE THR 18:22 NONE WED 04:30 ANIMAL ACTION	ATLANTIC DRI INATTENTION DRI INATTENTION DRI INATTENTION	0 0 0 0	5 0 4 1 0	4
COUNTY ROAD 04305698 05205856 05205855	CR 623 RAN OFF ROAD ANIMAL - DEER SAME DIR-REAR	MP 005.73 S- PICK-GOING STRT S- PICK-GOING STRT S- PICK-STOP-TRAF	NEAR ATLANTIC COUNTY S- PASS-SLOW-STOP	561 F/I DAY C/D DAY C/D DAY	09/01/05	MULLICA TWP SUN 06:55 OTHER RDWY DEF THR 06:09 ANIMAL ACTION THR 17:01 NONE	ATLANTIC DRI INATTENTION	0 0 0	0 0 0	3
COUNTY ROAD 04017538	CR 623 ANGLE	MP 005.96 W PICK-START TRAF	AT CR 612 N- PICK-GOING STRT	C/D DAY	01/20/04	MULLICA TWP TUE 16:28 VIEW OBSTRUCT	<i>ATLANTIC</i> UNKNOWN	0	<i>O</i>	1
COUNTY ROAD @%192470 04050298 04105303 04161715	CR 623 SAME DIR-SIDE ANGLE ANGLE ANGLE	MP 006.05 N- VAN-GOING STRT N- PASS-GOING STRT E- PASS-GOING STRT W- PASS-START TRAF	AT CR 658 N- PASS-LEFT TURN W- PASS-START PARK N- PICK-GOING STRT N- PASS-GOING STRT	C/D DAY C/D DAY C/D DNDK C/W DAY	03/05/04 05/06/04	MULLICA TWP FRI 09:09 NONE FRI 11:25 NONE THR 19:48 DISOBEYED TCD SUN 15:46 DRI INATTENTION	ATLANTIC DRI INATTENTION DRI INATTENTION NONE NONE	0 0 0 0	1 0 0 0	4
COUNTY ROAD	CR 623	MP 006.07	NEAR CR 658			MULLICA TWP	ATLANTIC	0	0	1

ARDLSTRT2

February 1, 2007

Pag

NEW JERSEY DEPARTM OF TRANSPORTATION BUREAU OF S. TY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 623

MILEPOST 0.000 TO 10.740 01/01/2003 TO 12/31/2005

ROAD SYSTEM DOC LOC NUM	INAOPAED	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LITE	DATE	VEH 1 CONTRIB DOW TIME CIRCUMSTANCES	VEH 2 CONTRIB CIRCUMSTANCES	NO KIL	0И ЦИІ	NO ACC
COUNTY ROAD 03129314	CR 623 TREE	MP 006.07 N- PASS-GOING STRT	NEAR CR 658	C/D DAY	06/12/03	MULLICA TWP THR 15:40 ANIMAL ACTION	ATLANTIC	0	<i>0</i> 0	1
COUNTY ROAD 03051741	CR 623 ANIMAL - DEER	MP 006.48 S- PASS-GOING STRT	NEAR BLACK OAK DRIVE		03/07/03	MULLICA TWP FRI 07:30 ANIMAL ACTION	ATLANTIC	0	0	1
COUNTY ROAD 03019646	CR 623 RAN OFF ROAD	MP 006.68 S- PASS-GOING STRT	AT BLACK OAK DRIVE	C/S DAY	01/30/03	MULLICA TWP THR 11:58 OTHER	ATLANTIC	<i>0</i> 0	0	1
COUNTY ROAD 05070781	CR 623 ANIMAL - DEER	MP 008.80 N- PICK-GOING STRT	NOT AT INTERSECTION	/D DARK	04/06/05	MULLICA TWP WED 01:17 ANIMAL ACTION	ATLANTIC	0	0	1
COUNTY ROAD 03088955	CR 623 ANIMAL - DEER	MP 008.84 S- AMBL-GOING STRT	NEAR CR 542	C/D DAY	04/24/03	MULLICA TWP THR 07:28 ANIMAL ACTION	ATLANTIC	0	0	1
COUNTY ROAD 03008561	CR 623 ANIMAL - DEER	MP 009.14 S- PASS-GOING STRT	NEAR CR 542 	C/D DNDK	01/28/03	MULLICA TWP TUE 06:32 ANIMAL ACTION	ATLANTIC	0	<i>0</i> 0	1
COUNTY ROAD 03106633 05062992	CR 623 ANIMAL - DEER TREE	MP 010.21 S- PICK-GOING STRT N- PASS-OTHER	NEAR JACKSON ROAD	-,	,,	MULLICA TWP MON 02:51 ANIMAL ACTION SUN 11:11 UNSAFE SPEED	ATLANTIC	<i>O</i> 0 0	<i>0</i> 0 0	2
COUNTY ROAD 05036647	CR 623 DITCH		NEAR CR 542	s/s dark	02/24/05	MULLICA TWP THR 17:59 UNSAFE SPEED	ATLANTIC	0	1	1

2007059 Safety Scan: March 15 2007







P3150021



P3150022

Location 13

CR 640 MP 0.00 to MP 2.20

<u>Location 13 – CR 640 – MP 0.00 to MP 2.20</u>

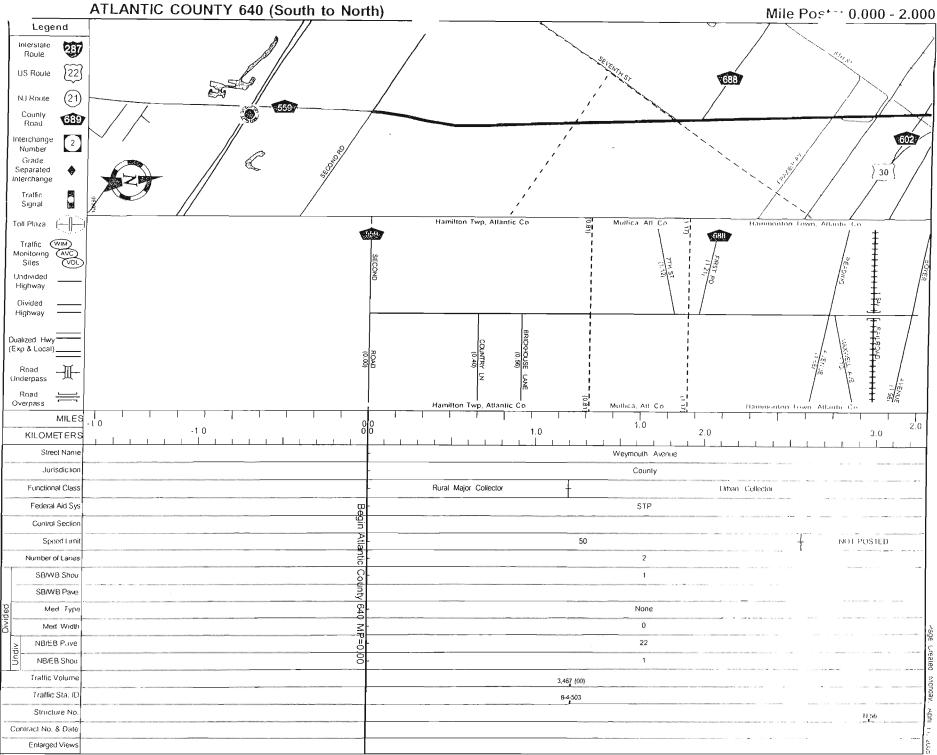
Weymouth Road

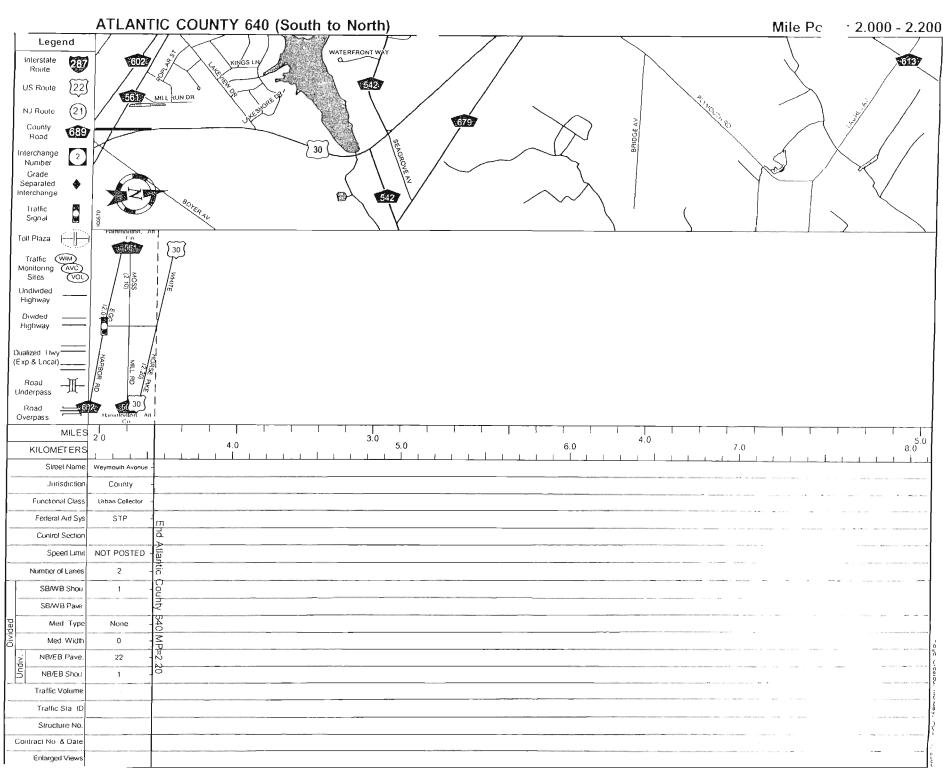
Blueberry Road (Second Road)/ White Horse Pike Hamilton, Mullica, Hammonton

(2.20 miles)

			LEVEL	OF EFFORT RE	QUIRED	POTENTIAL SAFETY BENEFIT			
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	
13-1	Northbound side at milepost 0.4 - inlet with grate that is not bicycle safe	Replace with bicycle safe grate.	X			Х			
13-2	Northbound side at CR 688 - "688" route marker assembly with arrow plate is damaged.	Replace with new route marker assembly.	X			Х			
13-3	Northbound side at milepost 1.3 - inlet with grate that is not bicycle safe	Replace with bicycle safe grate.	X			Х			
13-4	Reading Avenue intersection - intersection could be better defined.	Install over sized STOP signs along both Reading Avenue approaches. Install Stop Ahead warning sign along the westbound approach.	X				X		
13-5	Southbound side just north of Reading Avenue - inlet with grate that is not bicycle safe	Replace with bicycle safe grate.	Х			Х			
13-6	At milepost 1.84 there is a bridge over railroad crossing- guide rail on both sides of road. Guide rail end treatments not to current standards and guide rail not attached to bridge.	Guide rail be upgraded to current standards.			X		Х		
13-7	Northbound side just north of CR 602, there is a stop ahead warning sign and a cross road symbol warning sign. Cross road symbol sign should be removed.	Remove cross road symbol warning sign.	Х			X			

			LEVEL	OF EFFORT RE	QUIRED	POTENTIAL SAFETY BENEFIT		
	SAFETY ISSUE	REMEDIAL ACTION	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
13-8	Southbound approaching Moss Hill Road, there is an unnecessary cross road symbol warning sign.	Remove cross road symbol warning sign.	Х			X		
13-9	Southbound side just south of Reading Avenue - "SPEED LIMIT 50" sign is worn.	Replace with new sign.	X			Х		
13-10	Southbound side at milepost 1.25 - inlet with grate that is not bicycle safe.	Replace with bicycle safe grate.	X			X		
13-11	Southbound side approaching CR 688 - "JCT 688" route marker assembly is worn. Also, assembly is mounted on back—to-back posts.	Replace with new route marker assembly installed on standard breakaway sign support.	Х			Х		
13-12	Southbound side just north of CR 688 - "SPEED LIMIT 50" sign is worn.	Replace with new sign.	X			X		
13-13	Southbound side at CR 688 - "688" route marker assembly with arrow plate worn.	Replace with new sign assembly.	X			X		
13-14	Southbound side just south of CR 688 - "SOUTH 640" route marker sign assembly is worn.	Replace with new sign assembly.	X			X		
13-15	Southbound side at milepost 0.43 - inlet with grate that is not bicycle safe.	Replace with bicycle safe grate.	X			X		
13-16	Southbound side just north of CR 559 - "JCT 559" route marker assembly, "JCT" plate is worn.	Replace with new "JCT" plate.	Х			Х		





NEW JERSEY DEPARTM OF TRANSPORTATION BUREAU OF S. ETY PROGRAMS

DETAIL OF MOTOR VEHICLE ACCIDENTS

ON ROUTE 640

MILEPOST 0.000 TO 2.200 01/01/2003 TO 12/31/2005

ROAD SYSTEM	COLLISION INVOLVED	VEHICLE 1 DIR TRAV VEH TYPE, VEH ACTN	VEHICLE 2 DIR TRAV VEH TYPE, VEH ACTN	WEA SUR LIT	E DATE	VEH 1 CONTRIB	VEH 2 CONTRIB CIRCUMSTANCES	NO. KIL		NO ACC
COUNTY ROAD 04047568	CR 640 RAN OFF ROAD	MP 001.31 S- PASS-GOING STRT	NEAR CR 688	C/D DAY	01/31/04	HAMMONTON TOWN SAT 10:42 UNSAFE SPEED	ATLANTIC	0	1	1
COUNTY ROAD 03335454 04195509 04279786 05013931	CR 640 UNKNOWN ANGLE SAME DIR-SIDE ANGLE	MP 001.68 S- PASS-LEFT TURN E- PICK-SLOW-STOP S- PASS-GOING STRT W- PASS-GOING STRT	AT READING AVENUE N- PICK-GOING STRT N- PASS-GOING STRT S- PASS-RIGHT TURN S- PASS-GOING STRT	R/W DARK	07/18/04	HAMMONTON TOWN MON 17:38 DISOBEYED TCD SUN 04:37 DISOBEYED TCD TUE 18:44 IMP PASSING TUE 14:30 FAIL TO YLD ROW	ATLANTIC NONE NONE NONE NONE	0 0 0	3 1 1 0 J.	4
COUNTY ROAD 04170913 COUNTY ROAD	CR 640 UNKNOWN CR 640	MP 001.70 MP 001.98	AT UNKNOWN INTERSECT AT EIGHTH STREET		07/15/04	HAMMONTON TOWN THR 16:01 HAMMONTON TOWN	ATLANTIC	0	1	1
03149675 COUNTY ROAD 05272546	SAME DIR-REAR CR 640 HEAD-ON	S- PASS-GOING STRT MP 001.99 W- PICK-GOING STRT	S- PICK-RIGHT TURN NEAR CR 602 E- PASS-GOING STRT			TUE 20:46 DRI INATTENTION HAMMONTON TOWN FRI 02:21 DRI INATTENTION	ATLANTIC NONE ATLANTIC	0	0 0	1
COUNTY ROAD 03085983	CR 640 STR PK VEH	MP 002.09 S- PASS-PARKED	NEAR CR 561 S- UNKN-GOING STRT			HAMMONTON TOWN THR 20:33 NONE	NONE ATLANTIC DRI INATTENTION	<i>o</i> 0	0	1
COUNTY ROAD 04195500	CR 640 RAN OFF ROAD	MP 002.10 W- PASS-GOING STRT	AT UNKNOWN INTERSECT		07/18/04	HAMMONTON TOWN SUN 19:49 NONE	ATLANTIC	<i>0</i> 0	<i>2</i> 2	1
COUNTY ROAD 05013928 05289261	CR 640 SAME DIR-REAR SAME DIR-REAR	MP 002.20 E- VAN-LEFT TURN N- PICK-SLOW-STOP	AT US 30 E- PASS-LEFT TURN N- PASS-STOP-TRAF	C/D DAY		HAMMONTON TOWN FRI 13:45 FOLLOW TO CLOSE SAT 10:27 DRI INATTENTION	ATLANTIC NONE NONE	0 0	<i>O</i> 0 0	2

2007059 Safety Scan: March 15 2007



P3150015



P3150018



P3150017

Recommendations

The safety issues identified during the conduct of this scan and included in the findings of this report have been presented in a manner that will permit their implementation as time and budget limitations allow. To the extent possible, the findings have been separated into line items so that the improvements can be implemented independently as appropriate. Clearly, consolidating a number of the safety recommendations will reduce the overall cost of improvements. We recommend that the appropriate management staff review the findings and decide which items can be completed in the immediate future (within one year). Many of the deficiencies can be corrected in the short term if the roadway owners dedicate both the time and financial resources to the task. The Level of Effort (an estimate of expenditures and work effort) indicated on the finding sheets of the report represent the team's best effort at categorizing each item.

With 170 findings, implementing all of the findings is a formable task. We have listed below some of the tasks that will have the most significant impact upon the crash potential along the roads. Items 1-3 and 1-4 - CR 637 – the installation of guide rail on a bridge at milepost 0.0 where a fatal crash occurred and the implementation of the other recommendations in these two items to identify and delineate the curve just east of the bridge are considered by far to be the most significant finding of the scan with the greatest potential for a severe crash.

Other items that should be addressed as expeditiously as possible are those related to the need to delineate or speed rate curves along the roads (2-3, 2-18, 8-16, 9-3), as well as those where the existing warning signs for the curves are worn or defaced (2-15, 2-19, 6-16).

The installation of reflectors on guide rail (2-3, 2-18, 8-16, 9-3) located on curves is easily accomplished and would seem to have a high cost-benefit ration.

The scan identified 17 locations where the upgrading of guide rail appears to be needed or the need for the guide rail is questionable. Upgrading guide rail is an expensive undertaking. It is

suggested that the County, if they have not already done so, consider developing a systematic program to upgrade the guide rail along their highway system.

Also, a majority of the findings involved worn or missing signs. The County, with in-house resources, could readily address these items.

As with all traffic safety studies, some of the crash experience on the roadway has no obvious or practical solutions.

While the safety scan focuses on roadway features, enforcement is still a crucial component of safety on a road. Enforcement discourages the motorist from becoming lax in obeying or observing the traffic regulations along the road. Just as resources must be allocated to the physical improvements of the road, they must also be allocated to enforcement to maintain the safe operation of the road.

The opinions found in the findings of this Safety Scan report are those of the Safety Scan Team, as a whole, and not necessarily the opinions of the SJTPO or any individual team member.

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