



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Assistant Commissioner

41

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

Bureau of Construction
July 31, 2020

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with East Coast Signals, Inc. (Vendor 162234) of Deerfield, NH, on the basis of a low bid of \$431,377.50 for intersection safety improvements involving the installation of Intersection Conflict Warning Systems, from the date of Governor and Council approval through December 17, 2021, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2021, and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2022 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	<u>FY 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$301,964.31	\$129,413.19

2. Further authorize that a contingency in the amount of \$43,137.75 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Funding is available as follows:	<u>FY 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments		\$43,137.75

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan. This Highway Safety Improvement Program (HSIP) project involves installing an Intersection Conflict Warning System (ICWS) for intersections in the Towns of Pelham, Chesterfield, and Peterborough. The intersection sites in Pelham (NH 38 at Old Gage Hill Road), Chesterfield (NH 9 at NH 63), and Peterborough (NH 101 at NH 123 and Old Street Road) will serve as the pilot projects for ICWS evaluation and use in New Hampshire.

The ICWS strategy proposed for the locations employs vehicle detectors on the minor road approaches to activate an advanced warning sign assembly with flashing beacons to alert motorists on the mainline of vehicles entering. The advanced warning signs assembly developed by Bureau of Traffic consists of a

“TRAFFIC ENTERING” sign, “WHEN FLASHING” plaque, and flashing beacons. No roadway reconstruction is included in this project.

This project had its inception in a road safety audit (RSA) conducted by the Regional Planning Commissions and the Department in response to the high number of crashes at these intersections. The ICWS has been proposed as an innovative means of improving intersection safety without the cost and impacts of intersection reconstruction.

The NH Route 38, NH Route 9, and NH Route 101 corridors experience heavy peak hour traffic and have a history of travel speeds exceeding the posted limits. The key issue identified in the RSAs was the difficulty making left turns from each of the minor roads due to the limited sight distance and the speed and volume of the mainline. During project development, a range of improvement alternatives were investigated but no options gained popular support from the Town or abutters, who were concerned about property impacts.

The proposed contingency amount is 10% of the contract amount. This is to account for the potential overruns in traffic control and changes due to field condition changes as a result of no ground survey.

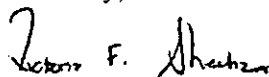
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer’s estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State’s Office and the Department of Administrative Service’s Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is: 90% Federal (90% Highway Safety Improvement Program (HSIP)), with anticipated utilization of Turnpike Toll Credit for the State’s 10% match, effectively using 100% Federal Funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Your approval of this resolution is respectfully requested.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$548,448.75
Contract Amount: \$431,377.50
Under Estimate: \$117,071.25
Attachments



ABC Bid Data

PELHAM-CHESTERFIELD, PETERBOROUGH

29338, 15698

X-A004(016), X-A000(890)

PROJECT:	PELHAM-CHESTERFIELD, PETERBOROUGH	Awarded To:	EAST COAST SIGNALS, INC.
STATE PROJECT NUMBER:	29338, 15698		69 NORTH ROAD
FED. PROJECT NUMBER:	X-A004(016), X-A000(890)		DEERFIELD, NH 03037
DATE BIDS OPEN:	July 09, 2020, 2:00 PM	Amount:	\$431,377.50
SCOPE OF WORK:	Intersection safety improvements - install Intersection Conflict Warning Systems in two locations	Certified by:	<u>PETER E. STAMNAS</u> Director of Project Development
COMPLETION DATE:	December 17, 2021	Award Date:	
LOCATION:	Hillsborough, Cheshire		

Summary of Bidders

Contractor	Bid Amount	Rank
EAST COAST SIGNALS, INC. 69 NORTH ROAD, DEERFIELD NH 03037	\$431,377.50	A
NEW ENGLAND SIGNAL SYSTEMS INC 616 FIRST NH TURNPIK, PO BOX 326, NORTHWOOD NH 03261-0326	\$526,371.75	B
DAGLE ELECTRICAL CONSTRUCTION CORP 68 INDUSTRIAL WAY, WILMINGTON MA 01887	\$544,445.00	C
MOULISON LLC 10 IRON TRAIL ROAD, PO BOX 348, BIDDEFORD ME 04005-0348	\$636,247.50	D



ABC Bid Data

PELHAM-CHESTERFIELD, PETERBOROUGH

29338, 15698

X-A004(016) , X-A000(890)

Item No.	Description	Unit	Quantity	P&E		EAST COAST SIGNALS, INC. 69 NORTH ROAD DEERFIELD, NH 03637		NEW ENGLAND SIGNAL SYSTEMS INC 618 FIRST NH TURNPIKE NORTHWOOD, NH 03281-4328	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.52	TRIMMING OF TREES	HR	12.00	\$150.00	\$1,800.00	\$390.00	\$4,680.00	\$50.00	\$600.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	30.00	\$20.00	\$600.00	\$25.00	\$750.00	\$50.00	\$1,500.00
206.1	COMMON STRUCTURE EXCAVATION	CY	30.00	\$110.00	\$3,300.00	\$30.00	\$900.00	\$50.00	\$1,500.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	30.00	\$100.00	\$3,000.00	\$30.00	\$900.00	\$50.00	\$1,500.00
206.2	ROCK STRUCTURE EXCAVATION	CY	49.00	\$100.00	\$4,900.00	\$150.00	\$7,350.00	\$100.00	\$4,900.00
209.1	GRANULAR BACKFILL	CY	63.00	\$40.00	\$2,520.00	\$55.00	\$3,465.00	\$80.00	\$3,780.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	65.00	\$160.00	\$8,800.00	\$220.00	\$12,100.00	\$150.00	\$8,250.00
614.331	3" STEEL CONDUIT	LF	45.00	\$36.50	\$1,642.50	\$30.00	\$1,350.00	\$45.00	\$2,025.00
614.511	CONCRETE PULL BOX 14"	EA	17.00	\$825.00	\$14,025.00	\$675.00	\$11,475.00	\$800.00	\$13,600.00
614.523	MOLDED PULL BOX 17"X30"	EA	1.00	\$870.00	\$870.00	\$500.00	\$500.00	\$600.00	\$600.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,530.00	\$23.00	\$35,190.00	\$18.00	\$27,540.00	\$20.00	\$30,600.00
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	480.00	\$31.00	\$14,880.00	\$27.75	\$13,320.00	\$40.00	\$19,200.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$450.00	\$450.00	\$250.00	\$250.00	\$500.00	\$500.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$250.00	\$500.00	\$250.00	\$500.00	\$500.00	\$1,000.00
616.26301	INTERSECTION CONFLICT WARNING SYSTEM	U	1.00	\$85,000.00	\$85,000.00	\$63,000.00	\$63,000.00	\$80,200.00	\$80,200.00
616.26302	INTERSECTION CONFLICT WARNING SYSTEM	U	1.00	\$92,000.00	\$92,000.00	\$73,500.00	\$73,500.00	\$90,200.00	\$90,200.00
616.26303	INTERSECTION CONFLICT WARNING SYSTEM	U	1.00	\$90,000.00	\$90,000.00	\$63,000.00	\$63,000.00	\$78,750.00	\$78,750.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	38,000.00	\$1.00	\$38,000.00	\$1.00	\$38,000.00	\$1.00	\$38,000.00
618.7	FLAGGERS	HR	520.00	\$25.00	\$13,000.00	\$35.00	\$18,200.00	\$41.00	\$21,320.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$24,000.00	\$24,000.00	\$20,500.00	\$20,500.00	\$15,000.00	\$15,000.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	18.00	\$750.00	\$13,500.00	\$300.00	\$5,400.00	\$200.00	\$3,600.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,860.00	\$4.25	\$7,905.00	\$3.50	\$6,510.00	\$4.00	\$7,440.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	105.00	\$5.00	\$525.00	\$15.00	\$1,575.00	\$10.00	\$1,050.00
632.02	RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD	SF	45.00	\$7.00	\$315.00	\$15.00	\$675.00	\$45.15	\$2,031.75



ABC Bid Data

PELHAM-CHESTERFIELD, PETERBOROUGH

29338, 15698

X-A004(016) , X-A000(890)

Item No.	Description	Unit	Quantity	PS&E		EAST COAST SIGNALS, INC. 89 NORTH ROAD DEERFIELD, NH 03037		NEW ENGLAND SIGNAL SYSTEMS INC 618 FIRST NH TURNPIK NORTHWOOD, NH 03281-0328	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.531	SILT FENCE	LF	700.00	\$4.00	\$2,800.00	\$3.50	\$2,450.00	\$2.00	\$1,400.00
648.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	765.00	\$12.75	\$9,626.25	\$12.50	\$9,437.50	\$15.00	\$11,325.00
692.	MOBILIZATION	U	1.00	\$80,000.00	\$80,000.00	\$24,750.00	\$24,750.00	\$66,500.00	\$66,500.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$2,500.00	\$2,500.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,500.00	\$1.00	\$4,500.00	\$1.00	\$4,500.00	\$1.00	\$4,500.00
1008.56	ALTERATIONS AND ADDITIONS AS NEEDED - INVASIVE SPECIES CONTROL	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
Totals:					\$548,448.75		\$431,377.50		\$526,371.75
Alt. Totals:									
Totals:					\$548,448.75		\$431,377.50		\$526,371.75

ABC Bid Data

PELHAM-CHESTERFIELD, PETERBOROUGH

29338, 15698

X-A004(016) , X-A000(890)

Item No.	Description	Unit	Quantity	PS&E		DAGLE ELECTRICAL CONSTRUCTION CORP 88 INDUSTRIAL WAY WELMINGTON, MA 01887		MOULSON LLC 18 IRON TRAIL ROAD BIDDEFORD, ME 04008-0348	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.62	TRIMMING OF TREES	HR	12.00	\$150.00	\$1,800.00	\$200.00	\$2,400.00	\$350.00	\$4,200.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	30.00	\$20.00	\$600.00	\$20.00	\$600.00	\$10.00	\$300.00
206.1	COMMON STRUCTURE EXCAVATION	CY	30.00	\$110.00	\$3,300.00	\$20.00	\$600.00	\$50.00	\$1,500.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	30.00	\$100.00	\$3,000.00	\$20.00	\$600.00	\$200.00	\$6,000.00
206.2	ROCK STRUCTURE EXCAVATION	CY	49.00	\$100.00	\$4,900.00	\$25.00	\$1,225.00	\$200.00	\$9,800.00
209.1	GRANULAR BACKFILL	CY	63.00	\$40.00	\$2,520.00	\$50.00	\$3,150.00	\$85.00	\$5,355.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	55.00	\$160.00	\$8,800.00	\$300.00	\$16,500.00	\$600.00	\$33,000.00
614.331	3" STEEL CONDUIT	LF	45.00	\$36.50	\$1,642.50	\$50.00	\$2,250.00	\$75.00	\$3,375.00
614.511	CONCRETE PULL BOX 14"	EA	17.00	\$825.00	\$14,025.00	\$1,000.00	\$17,000.00	\$1,575.00	\$26,775.00
614.523	MOLDED PULL BOX 17"X30"	EA	1.00	\$870.00	\$870.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,830.00	\$23.00	\$35,190.00	\$30.00	\$45,900.00	\$25.00	\$38,250.00
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	480.00	\$31.00	\$14,880.00	\$90.00	\$43,200.00	\$30.00	\$14,400.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$450.00	\$450.00	\$200.00	\$200.00	\$950.00	\$950.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$250.00	\$500.00	\$200.00	\$400.00	\$950.00	\$1,900.00
616.26301	INTERSECTION CONFLICT WARNING SYSTEM	U	1.00	\$85,000.00	\$85,000.00	\$93,000.00	\$93,000.00	\$95,000.00	\$95,000.00
616.26302	INTERSECTION CONFLICT WARNING SYSTEM	U	1.00	\$92,000.00	\$92,000.00	\$110,900.00	\$110,900.00	\$105,000.00	\$105,000.00
616.26303	INTERSECTION CONFLICT WARNING SYSTEM	U	1.00	\$90,000.00	\$90,000.00	\$91,000.00	\$91,000.00	\$95,000.00	\$95,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	38,000.00	\$1.00	\$38,000.00	\$1.00	\$38,000.00	\$1.00	\$38,000.00
618.7	FLAGGERS	HR	620.00	\$25.00	\$13,000.00	\$15.00	\$7,800.00	\$40.00	\$20,800.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$24,000.00	\$24,000.00	\$6,000.00	\$6,000.00	\$15,500.00	\$15,500.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	18.00	\$750.00	\$13,500.00	\$120.00	\$2,160.00	\$500.00	\$9,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,860.00	\$4.25	\$7,905.00	\$3.00	\$5,580.00	\$8.00	\$14,880.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	105.00	\$5.00	\$525.00	\$6.00	\$630.00	\$15.75	\$1,653.75
632.02	RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD	SF	45.00	\$7.00	\$315.00	\$35.00	\$1,575.00	\$15.75	\$708.75



ABC Bid Data

PELHAM-CHESTERFIELD, PETERBOROUGH

29338, 15698

X-A004(016) , X-A000(890)

Item No.	Description	Unit	Quantity	P&E		DAGLE ELECTRICAL CONSTRUCTION CORP 66 INDUSTRIAL WAY WILMINGTON, MA 01887		MOULSON LLC 10 IRON TRAIL ROAD BODDIFORD, ME 04005-0348	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.631	SILT FENCE	LF	700.00	\$4.00	\$2,800.00	\$10.00	\$7,000.00	\$14.50	\$10,150.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	766.00	\$12.75	\$9,826.25	\$10.00	\$7,550.00	\$50.00	\$37,750.00
692.	MOBILIZATION	U	1.00	\$60,000.00	\$60,000.00	\$17,225.00	\$17,225.00	\$25,500.00	\$25,500.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,800.00	\$1,800.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,500.00	\$1.00	\$4,500.00	\$1.00	\$4,500.00	\$1.00	\$4,500.00
1008.66	ALTERATIONS AND ADDITIONS AS NEEDED - INVASIVE SPECIES CONTROL	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
1010.16	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
Totals:					\$548,448.75		\$644,445.00		\$638,247.60
Alt. Totals:									
Totals:					\$548,448.75		\$644,445.00		\$638,247.60



PS&E Comparison

PELHAM-CHESTERFIELD, PETERBOROUGH

29338, 15698

X-A004(016), X-A000(890)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.52	TRIMMING OF TREES	HR	12.00	\$390.00	\$4,680.00	\$150.00	\$1,800.00	\$2,880.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	30.00	\$25.00	\$750.00	\$20.00	\$600.00	\$150.00
206.1	COMMON STRUCTURE EXCAVATION	CY	30.00	\$30.00	\$900.00	\$110.00	\$3,300.00	(\$2,400.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	30.00	\$30.00	\$900.00	\$100.00	\$3,000.00	(\$2,100.00)
206.2	ROCK STRUCTURE EXCAVATION	CY	49.00	\$150.00	\$7,350.00	\$100.00	\$4,900.00	\$2,450.00
209.1	GRANULAR BACKFILL	CY	63.00	\$55.00	\$3,465.00	\$40.00	\$2,520.00	\$945.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	55.00	\$220.00	\$12,100.00	\$160.00	\$8,800.00	\$3,300.00
614.331	3" STEEL CONDUIT	LF	45.00	\$30.00	\$1,350.00	\$36.50	\$1,642.50	(\$292.50)
614.511	CONCRETE PULL BOX 14"	EA	17.00	\$675.00	\$11,475.00	\$825.00	\$14,025.00	(\$2,550.00)
614.523	MOLDED PULL BOX 17"X30"	EA	1.00	\$500.00	\$500.00	\$870.00	\$870.00	(\$370.00)
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,530.00	\$18.00	\$27,540.00	\$23.00	\$35,190.00	(\$7,650.00)
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	480.00	\$27.75	\$13,320.00	\$31.00	\$14,880.00	(\$1,560.00)
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$250.00	\$250.00	\$450.00	\$450.00	(\$200.00)
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$250.00	\$500.00	\$250.00	\$500.00	\$0.00
616.26301	INTERSECTION CONFLICT WARNING SYSTEM	U	1.00	\$63,000.00	\$63,000.00	\$85,000.00	\$85,000.00	(\$22,000.00)



PS&E Comparison

PELHAM-CHESTERFIELD, PETERBOROUGH

29338, 15698

X-A004(016) , X-A000(890)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
616.26302	INTERSECTION CONFLICT WARNING SYSTEM	U	1.00	\$73,500.00	\$73,500.00	\$92,000.00	\$92,000.00	(\$18,500.00)
616.26303	INTERSECTION CONFLICT WARNING SYSTEM	U	1.00	\$63,000.00	\$63,000.00	\$90,000.00	\$90,000.00	(\$27,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	38,000.00	\$1.00	\$38,000.00	\$1.00	\$38,000.00	\$0.00
618.7	FLAGGERS	HR	520.00	\$35.00	\$18,200.00	\$25.00	\$13,000.00	\$5,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,500.00	\$20,500.00	\$24,000.00	\$24,000.00	(\$3,500.00)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	18.00	\$300.00	\$5,400.00	\$750.00	\$13,500.00	(\$8,100.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,860.00	\$3.50	\$6,510.00	\$4.25	\$7,905.00	(\$1,395.00)
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	105.00	\$15.00	\$1,575.00	\$5.00	\$525.00	\$1,050.00
632.02	RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD	SF	45.00	\$15.00	\$675.00	\$7.00	\$315.00	\$360.00
645.531	SILT FENCE	LF	700.00	\$3.50	\$2,450.00	\$4.00	\$2,800.00	(\$350.00)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	755.00	\$12.50	\$9,437.50	\$12.75	\$9,626.25	(\$188.75)
692.	MOBILIZATION	U	1.00	\$24,750.00	\$24,750.00	\$60,000.00	\$60,000.00	(\$35,250.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$0.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,500.00	\$1.00	\$4,500.00	\$1.00	\$4,500.00	\$0.00
1008.56	ALTERATIONS AND ADDITIONS AS NEEDED - INVASIVE SPECIES CONTROL	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00

Total:

\$431,377.50

\$548,448.75

(\$117,071.25)

June 5, 2020

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: The Highway Safety Improvement Program (HSIP) project involves installing an Intersection Conflict Warning System (ICWS) for intersections in the Towns of Pelham, Chesterfield, and Peterborough. The intersection sites in Pelham (NH 38 at Old Gage Hill Road), Chesterfield (NH 9 at NH 63), and Peterborough (NH 101 at NH 123 and Old Street Road) will serve as the pilot projects for ICWS in New Hampshire.

The ICWS strategy proposed for the locations employs vehicle detectors on the minor road approaches to activate an advanced warning sign assembly with flashing beacons to alert motorists on the mainline of vehicles entering. The advanced warning signs assembly developed by Bureau of Traffic consists of a "TRAFFIC ENTERING" sign, "WHEN FLASHING" plaque, and flashing beacons. No roadway reconstruction is included in this project.

FEDERAL FUNDING: 90% Highway Safety Improvement Program with anticipated utilization of Turnpike Toll Credits for the State's 10% match.

CONTINGENCY: The proposed contingency is 10% of the contract amount, and accounts for the potential overruns in traffic control and changes due to field condition changes as a result of no ground survey.

PROJECT INITIATED: This project was initiated through the Highway Safety Improvement Program.

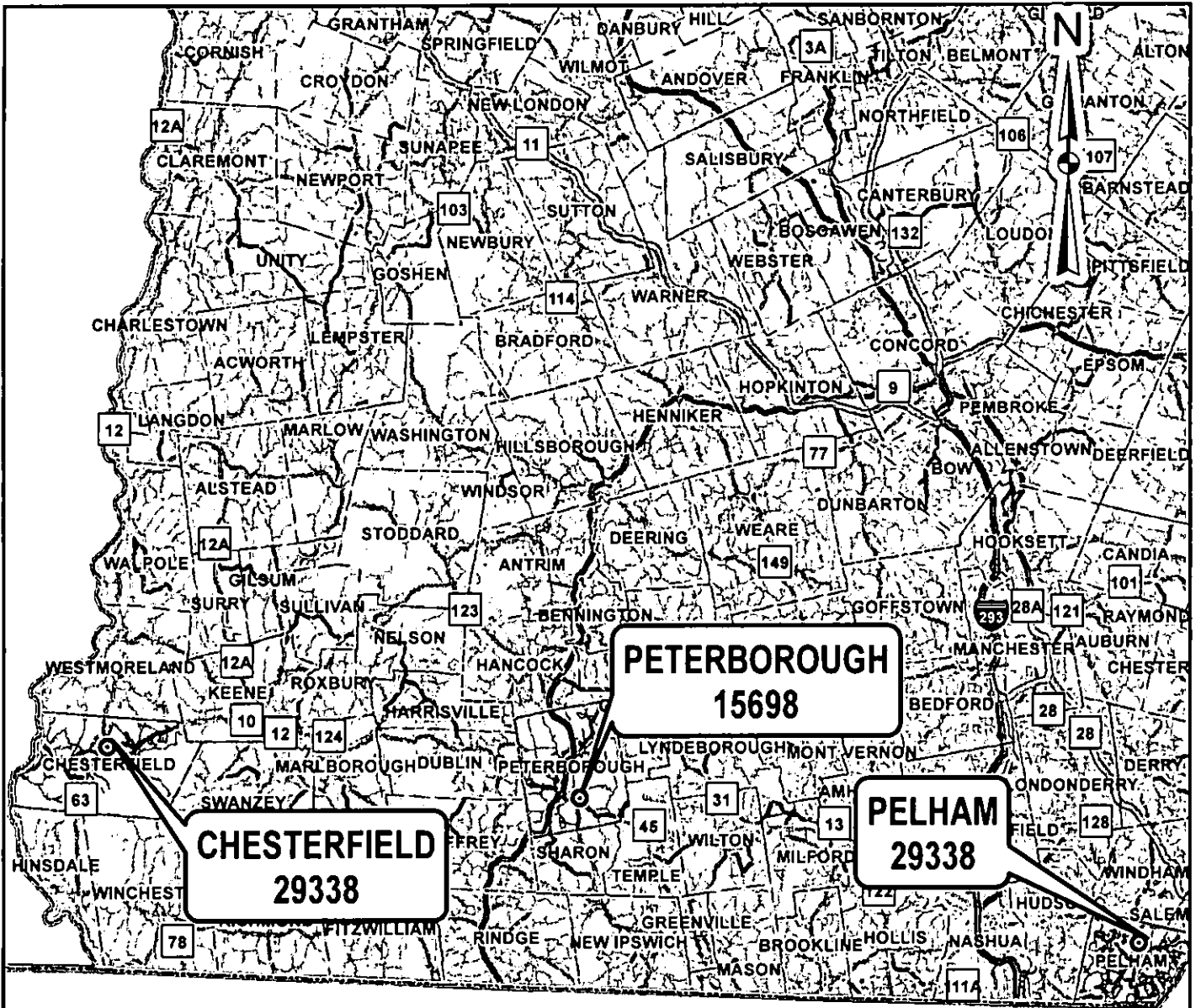
PROJECT EXPLANATION: This project had its inception in a road safety audit (RSA) conducted by the Regional Planning Commissions and Department in response to the high number of crashes at these intersections. The ICWS has been proposed as an innovative means of improving intersection safety without the cost and impacts of intersection reconstruction.

The NH Route 38, NH Route 9, and NH Route 101 corridors experience heavy peak hour traffic and have a history of travel speeds exceeding the posted limits. The key issue identified in the RSAs was the difficulty making left turns from each of the minor roads due to the limited sight distance and the speed and volume of the mainline. During project development, a range of improvement alternatives were investigated but no options gained popular support from the Town or abutters, who were concerned about property impacts.

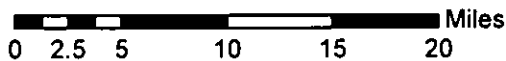
TRAFFIC IMPLICATION: The project was reviewed by the Traffic Control Committee on 4/16/2020 and was designated as Non-Significant. Each intersection is expected to be under construction approximately 1 month and requires additional time for testing and monitoring. In general, the Traffic Control operations and impacts to each intersection will require daily lane and shoulder closures to accommodate the installation of the advanced warning sign, conduit, pull boxes, and signal equipment at the intersection. In Pelham, NH Route 38 width will require lane closures and daily one-lane two-way flagger traffic control as a result of the 32' roadway width.

FINAL COMPLETION DATE: December 17, 2021

29338-15698 ICWS PROJECT



M A S S A C H U S E T T S

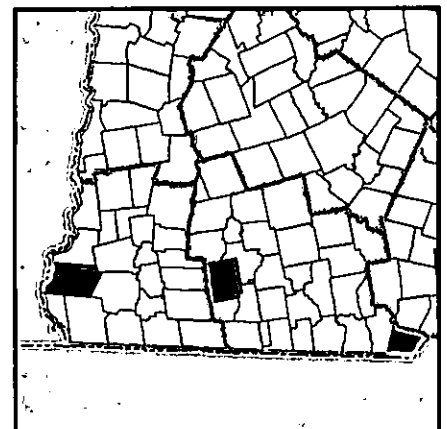


LEGEND

- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary



State #: 29338 & 15698
 Federal #: X-A004(016) & X-A000(890)
LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/21/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511		CONTACT NAME: Peggy Johnson PHONE (A/C, No, Ext): (603) 224-2562 FAX (A/C, No): (603) 224-8012 E-MAIL ADDRESS: pjohnson@rowleyagency.com	
INSURED East Coast Signals, Inc. 69 North Road Deerfield NH 03037		INSURER(S) AFFORDING COVERAGE INSURER A: Firemen's Ins Co of Wash. DC INSURER B: Acadia Insurance Company INSURER C: INSURER D: INSURER E: INSURER F:	NAIC # 21784 31325

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			CPA520321715	5/1/2020	5/1/2021	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			CAA520322015	5/1/2020	5/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			CUA520322115	5/1/2020	5/1/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 Products/Completed Ops Aggregate \$ 5,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	3A States: NH,MA,VT,NY WPA520322415	5/1/2020	5/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	Leased/Rented Equipment			CPA520321715	5/1/2020	5/1/2021	\$400,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Pelham-Chesterfield, Peterborough X-A004(16), X-A000(890), No. 29338, 15698. State of NH DOT is additional insured under the general liability.

CERTIFICATE HOLDER**CANCELLATION**

State of NH DOT POB 483 Concord, NH 03302-0483	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Peggy Johnson/PAJ <i>Peggy A. Johnson</i>
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