

THE STATE OF NEW HAMPSHIRE **DEPARTMENT OF TRANSPORTATION**



Victoria F. Sheehan Commissioner

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

Bureau of Construction January 30, 2020

REQUESTED ACTION

- 1. Authorize the Department of Transportation to enter into an agreement with the City of Claremont (sub-recipient) (Vendor # 177373), for an amount totaling \$551,091.79 to provide funding and services under the Federal Aid Highway Program, effective upon Governor & Council approval, through October 2, 2020, unless extended by the Department in accordance with the Standard Specifications of the construction contract noted below. 90% Federal Funds, 10% Other.
- 2. Further authorize the Department of Transportation to enter into a contract with Weaver Brothers Construction Co., Inc. (Vendor 154074) of Bow, NH on the basis of a low bid of \$440,135.75 for access management improvements in Claremont, from the date of Governor and Council approval through October 2, 2020, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2020 and Fiscal Year 2021 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:

FY 2020

FY 2021

04-96-96-963515-3054

Consolidated Federal Aid

400-500870 Highway Contract Payments

\$308,095.10

\$132,040.65

3. Further authorize that a contingency in the amount of \$22,006.79 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Funding is available as follows:

FY 2020

FY 2021

04-96-96-963515-3054

Consolidated Federal Aid

400-500870 Highway Contract Payments

\$22,006.79

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, under the Highway Safety Improvement Program (HSIP). The project is an access management improvement project located at the

Page 2

intersection of NH Route 11/103 (Washington Street) and Bowen Street in Claremont, within the limits of the urban compact.

Authorization is requested to allow the Department to enter into this agreement with the sub-recipient to ensure compliance with Federal Aid Program requirements and to permit State personnel to supervise the project and the Department to expend Federal funds.

The Department performed the engineering for the project with City responsible for securing the right of way agreements, as well as the match to federal funding for construction. Expenses incurred will be charged against the designated project account number and reimbursement for construction costs shall be borne by the Federal Aid Highway Funds in accordance with Federal Aid Program requirements. The total agreement amount is \$551,091.79 including the construction contract, contingency, construction engineering and oversite, and indirect expenses. The Department's share of the total agreement is \$495,982.61 and the City's share is \$55,109.18.

The proposed scope of work includes extending the curbed median islands on both the east and west approaches to the intersection to prevent left turns at the driveways nearest the intersection, constructing a new driveway opposite Bowen Street for shared signalized access to the AutoZone and Verizon Wireless stores (and removal of the existing drives to these parcels), constructing a new mast arm for the connected driveways, and drainage/swale upgrades for the addition of proposed pavement associated with the driveway. Other work includes a 1" inlay and modifications to the pavement marking to provide 11' lanes and 4' shoulders, for the full length of the project. ADA upgrades and utility relocations are also included.

This corridor has very high traffic volumes with lack of access management. Sixty-nine crashes occurred at the intersection from 2005 to 2014; a Road Safety Audit was performed in 2011. Improvements to the intersection include the construction of a shared, signalized access to the AutoZone and Verizon Wireless stores and extension of the curbed medians to prevent left turns at the driveways nearest the intersection.

The proposed contingency amount is 5% of the contract amount. This is to account for potential modifications when retrofitting the existing signal system to accommodate a fourth leg at the intersection.

Although the bid costs exceeded the Department's estimate by 29.78%, the low bid of two bids received is felt to be reasonable for the work involved. Three items contributed to 65% of the overage: mobilization, traffic signal alterations and pavement. The balance of the overage was distributed over the remaining items. Readvertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

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.

Page 3

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.

The project construction funding is: 90% Federal (Highway Safety Improvement Project Program: HSIP) with a 10% match from the City of Claremont.

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/pci

Department Estimate: \$339,128.19 Contract Amount: \$440,135.75 \$101,007.56 Over Estimate:

Attachments

HIGHWAY SAFETY IMPROVEMENT PROGRAM PROJECT AGREEMENT FOR

CITY OF CLAREMONT STATE PROJECT #: 25621

THIS AGREEMENT is made this DEPARTMENT OF TRANSPORTATION, CLAREMONT, hereinafter called the CITY. the "Parties" and state as follows:	home: Δ 11 1 1	, between the NEW HAMPSHIRE PARTMENT, and the CITY OF
the "Parties" and state as follows:	The DEPARTMENT and CI	TY are collectively referred to as

WITNESSETH that,

WHEREAS, financial assistance from the DEPARTMENT is available from the Federal Highway Safety Improvement Program for the purpose of defraying a portion of the cost of a qualified Federal project titled Claremont 25621, X-A003(140), NH 11/103 (Washington Street) / Bowen Street intersection safety improvements; and

WHEREAS, there is no provision under State law to allow the DEPARTMENT to participate in the laying out of NH 11/103 (a Class IV highway within the City of Claremont); and

WHEREAS, the State Legislature has delegated the Commissioner of the DEPARTMENT with full authority to control traffic in highway and bridge construction work zones; RSA 228:21, 236:1, and 228:27; and

WHEREAS, the DEPARTMENT intends to use a combination of flaggers and/or uniformed officers, as appropriate, to control traffic and ensure public and worker safety; and

WITNESSTH, that in consideration of the mutual covenants hereinafter agreed, and in the interest of the public in coordinating the actions and responsibilities of the DEPARTMENT and the CITY, for the improvement of NH 11/103, the parties to this Agreement do hereby agree as follows:

- A. The CITY does hereby designate the DEPARTMENT as its lawful and exclusive agent for the purpose of effectuating compliance with all applicable Federal laws and regulations relating to the location and construction of said project, and the securing of a general contractor for the highway project and the actual construction of said highway. Further, the DEPARTMENT shall not make design decisions or secure a general contractor for the project without prior approval of the CITY.
- B. The DEPARTMENT, possessing the professional staff and expertise to effectuate full compliance with Federal and State laws and regulations, will undertake the preliminary engineering and any necessary environmental evaluations and permitting for the project, the cost of which to be borne by the DEPARTMENT.
- C. The CITY will be responsible for the acquisition of right-of-way including, but not limited to the design or layout of said location with in-house staff or Consultant engaged services, the preparation of appraisal reports, negotiation with affected landowners, preparation and filing of required condemnation instruments, and litigation of condemnation actions, and any costs related thereto.

- D. The cost of construction shall be borne by the DEPARTMENT and the CITY in the ratio of 90% Federal Highway Fund allocation and 10% CITY funds.
- E. Provision of cost share funds to the DEPARTMENT shall be in the following manner. The CITY shall provide its full share of project funds prior to construction and based on estimated project costs after receipt of bids. The CITY shall be responsible for 10% of the overall actual construction costs, including construction engineering, 10% indirect expenses, and all contingencies, as determined and reconciled after acceptance of the completed project. Project costs and sharing based on bids received are detailed below.

	DEPARTMENT Share	CITY Share	Total Budget
Engineering	\$130,000.00	0	\$130,000.00
Right of way	\$2,383.48	\$3,958.00	\$6,341.48
Construction*	\$495,982.61 (90%)	\$55,109.18 (10%)	\$551,091.79

^{*}Includes contractor cost, construction engineering, indirect expense, and contingency

- F. The DEPARTMENT may unilaterally authorize additional amounts to be expended up to and including an amount equal to 10% of the total construction budget contemplated in this agreement, without prior approval by the CITY. Any changes exceeding 10% must be in writing and approved by the CITY. If the cost of construction varies from the total budget for construction, the shared costs will be updated with the percentages above (90/10)
- G. The DEPARTMENT will be responsible for the management and operation of the City streets within the designated construction work zone throughout the duration of the construction of the project. This includes the authority to determine the most appropriate way to control traffic within the construction work zone limits of the project. The CITY delegates to the DEPARTMENT the authority to control traffic within the construction zones of this project.
- H. The CITY shall, at its own cost and expense, maintain the reconstructed CITY road portions indicated above once the work under the construction project is completed, including pavement markings, signing, and removal of snow, and to provide for full flow of traffic.
- The CITY shall provide or cause to provide for the future (summer and winter) maintenance
 of any sidewalks constructed by this project, including snow removal in accordance with
 the CITY's policy and practices, once the work under the construction project is completed.
- J. The CITY agrees that should adjustments be necessary due to changed traffic conditions or operational needs such adjustments will not be made without prior approval of the DEPARTMENT.
- K. The CITY shall defend, indemnify, and hold harmless the DEPARTMENT and its officials, agents and employees from and against any and all claims, liabilities or suits arising from (or which may be claimed to arise from) any act or omission of the CITY or its subcontractors in the performance of this agreement. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State of New Hampshire or the DEPARTMENT, which immunity is hereby reserved. This covenant shall survive the termination of this agreement.

- L. It is further understood and agreed between the DEPARTMENT and the CITY that neither the DEPARTMENT, nor the Federal Highway Administration will be responsible for any expenses or costs incurred by the CITY under this Agreement.
- M. This Agreement, and all obligations of the Parties hereunder, shall become effective when signed by all signatories and on the date of approval of this Agreement by the Governor and Executive Council of the State of New Hampshire.
- N. This Agreement may be amended when such an amendment is agreed to in writing by all signatories and approved by the State of New Hampshire's Governor and Council.

IT IS FURTHER UNDERSTOOD AND AGREED BETWEEN THE DEPARTMENT AND THE CITY:

IN WITNESS WHEREOF, the parties here have affixed their signatures, the City of Claremont, New Hampshire, on this <u>34th</u> day of <u>becambur</u>2019, and the Department of Transportation on this day of <u>January</u>, 2019:20

NEW HAMPSHIRE DEPARTMENT OF	CITY OF CLAREMONT
TRANSPORTATION	
By: Ju F	By: afterno
Victoria F. Sheehan	City Manager
Commissioner	City of Claremont
•	

GOVERNOR & COUNCIL AUTHORIZATION
TO ENTER INTO AN AGREEMENT

Date



ABC Bid Data

CLAREMONT 25621

X-A003(140)

PROJECT:

CLAREMONT

STATE PROJECT NUMBER: 25621

FED. PROJECT NUMBER: DATE BIDS OPEN:

X-A003(140)

October 10, 2019, 2:00

SCOPE OF WORK:

NH 11 & 103 / Bowen Street: improve access management at existing signalized

intersection

COMPLETION DATE:

October 02, 2020

LOCATION:

Sullivan

Awarded To: WEAVER BROS. CONST. CO.,

INC.

1629 RTE 3A

BOW, NH 03304 \$440,135.75

Certified by: PETER.E.STAMNAS

Amount:

Award Date:

Summary of Bidders

Contractor	Did Amount	
WEAVER BROS CONST. COMINC STORES AND ADDRESS OF THE PROPERTY O	Bid Amount	Rank
	##\$ \$ 440,135.75	-5-5-1"A
1629 RTE 3A BOWNH03304 (1997)		
B.U.R. CONSTRUCTION LLC	\$545,720.51	B
940 JOHN STARK HIGHWAY MEMBORT NIL 02772		, –

]							•		
					746	WEAVER BROS	WEAVER BROS, CONST., CO., INC. 1629 RTE JA BOW, HH 83384	MOJANZN US NHOT ONS ENCO TETTE	BUJE CONSTRUCTION LLC 940 JOHN STARK HIGHWAY HEWPORT, HH 63773
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
Items									
201.21	REMOVING SMALL TREES	EA	4.00	\$200,00	\$800,00	\$850.00	\$3,400,00	\$100.00	\$400.00
201.22	REMOVING LARGE TREES	EA	1.00	\$900.00	\$900.00	\$2,300.00	\$2,300.00	\$500.00	\$500.00
201.32	TREE PRUNING, LARGE TREES	EA	1.00	\$100.00	\$100,00	\$750.00	\$750.00	\$500,00	\$500.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	, 2.00	00'62\$	00.8 5\$ \	\$250,00	\$500,00	\$90.00	\$180,00
203.1	COMMON EXCAVATION	СҮ	200.00	05'1 P\$	90.000.00	\$20.00	\$4,000.00	\$25.00	\$5,000.00
201.6301	LOW PERMEABILITY FILL	CY	\$.00	\$30.00	\$150.00	\$105.00	\$525.00	\$200,00	\$1,000.00
203,801	EMBANKMENT-IN-PLACE	CY	\$5.00	\$40.00	\$2,200,00	\$20.00	\$1,100.00	\$20,00	\$1,100.00
206.1	COMMON STRUCTURE EXCAVATION	СУ	4.00	\$300.00	\$1,200.00	\$200.00	\$800.00	\$25.00	\$100.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	СҮ	5,00	\$60.00	\$300.00	\$200.00	\$1,000.00	\$35.00	\$175.00
209.4	GRANULAR BACKFILL (GRAV)	СУ	60.00	\$40.00	\$2,000,00	\$105.00	\$5,250.00	\$65.00	\$3,250,00
214.	FINE GRADING	n	1.00	\$1,200.00	\$1,200.00	\$11,600.00	\$11,600.00	\$3,500.00	\$3,500.00
304.35	CRUSHED GRAVEL FOR DRIVES	СУ	200.00	\$35.00	\$7,000.00	\$65,50	\$13,100,00	\$75.00	\$15,000,00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	NOT	105,00	\$180.00	\$19,900.00	\$160.00	\$16,800.00	\$146,00	\$15,330.00
403,119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	NOT	00'9&£	\$85.00	\$33,575,00	\$132.00	\$52,140.00	\$146.00	\$57,670.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	NOT	35.00	\$165.00	\$5,775.00	\$220.00	\$7,700.00	\$204.00	\$7,140.00
403.6	PAVEMENT JOHNT ADHESIVE	le .	3,600.00	\$1.00	\$3,600.00	\$1.10	00.086'0\$	\$7.00	\$25,200.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	410.00	\$5.50	\$2,255,00	\$5.50	\$2,255.00	\$9.36	\$3,837.60
417.	COLD PLANING BITUMINOUS SURFACES	SY	6,750.00	\$4.50	\$30,375.00	\$3.30	\$22,275.00	\$2.22	\$14,985.00
\$01,00215	15" R.C. PIPE, 2000D	F	.70.00	\$125.00	\$8,750.00	\$175.00	\$12,250.00	\$77.50	\$5,425.00
804.0007	POLYETHYLENE LINER	EA	1.00	\$225.00	\$225.00	\$200.00	\$200.00	\$200.00	\$200.00
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,550.00	\$2,550.00	\$3,500.00	\$3,500.00	\$2,233.00	\$2,233.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	F	10.00	\$475.00	\$4,750.00	\$450.00	\$4,500.00	\$600,00	\$8,000.00
604.61	RECONSTRUCTING/ADJUSTING SEWER MANHOLES	r.	5.00	\$440.00	\$2,200.00	\$550,00	\$2,750,00	\$492.00	\$2,460.00
608,127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	C	200	\$600.00	\$1,200.00	\$950.00	00.006'1\$	\$850.00	\$1,700.00
606,18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	Ŀ	76.00	\$30.00	\$2,250.00	\$ 33.00	\$2,475.00	\$30,00	\$2,250.00
608.1201	2" BITUMINOUS SIDEWALK	SY	86.00	\$28,00	\$2,408.00	\$33.00	\$2,838,00	\$33.06	\$2,843,16
608,2401	4" CONCRETE SIDEWALK	SY	\$5.00	\$55.00	\$3,575.00	\$65.00	\$4,225.00	\$55.00	\$3,575.00
608.2601	6" CONCRETE SIDEWALK	SY	80.00	\$60.00	\$4,800.00	\$85.00	\$6,800.00	\$81.00	\$6,480.00
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	8,00	\$75.00	\$600.00	\$155.00	\$1,240,00	\$81.00	\$648.00

					PERE	162	S. CONST. CO., INC. 9 RTE 3A , NH 83364	MAD JOHDY S	STRUCTION LLC TARK HIGHWAY RT, NH 03773
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
608,54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10,00	\$450.00	\$4,500,00	\$500,00	\$5,000.00	\$442,00	\$4,420.00
609,01	STRAIGHT GRANITE CURB	LF	395.00	\$30.00	\$11,850.00	\$26,25	\$10,368.75	\$43.00	\$16,985,00
609.02	CURVED GRANITE CURB	LF	100.00	\$34.00	\$3,400.00	\$34,50	\$3,450.00	\$50.00	\$5,000.00
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	UF .	290.00	\$25,00	\$7,250.00	\$24,00	\$6,960,00	\$40.75	\$11,817,50
609.226	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 6" HIGH	LF	15.00	\$25.00	\$375.00	\$25.00	\$375.00	\$18.75	\$281.25
609.5	RESET GRANITE CURB	LF	65.00	\$30,00	\$1,950,00	\$16,00	\$1,040,00	\$8,00	\$520.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF .	120.00	\$10.00	\$1,200.00	\$25.00	\$3,000.00	\$19.00	\$2,280.00
611.811	ADJUSTING/RELOCATING HYDRANTS	EA	1.00	\$2,600.00	\$2,600.00	\$2,850,00	\$2,850.00	\$4,000.00	\$4,000.00
811.90001	ADJUSTING WATER GATES AND SHUTOFFS SET BY OTHERS	EA	10.00	\$210.00	\$2,100.00	\$250.00	\$2,500.00	\$250.00	\$2,500.00
611,9514	BOARD INSULATION, 4" THICK	SY	5,00	\$25,00	\$125,00	\$65,00	\$325.00	· ·	
615.0301	TRAFFIC SIGN TYPE C	SF	65.00	\$56.00	\$3,640.00	\$48.00	\$3,120.00	\$40,00	\$200,00
615.033	REMOVING TRAFFIC SIGN, TYPE C	- U	5.00	\$50.00	\$250.00	\$36.00	\$180.00	\$45.00	\$2,925.00
815.0601	TRAFFIC SIGN TYPE CC	SF	25.00	\$20.00	\$500,00	\$63,50	\$1,587.50	\$15.00	\$75.00
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$45,000.00	\$45,000.00	\$68,000.00	\$68,000.00	\$20,00 \$72,500.00	\$500.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.00	\$800,00	\$4,800.00	\$1,100.00	\$8,600.00	\$1,300.00	\$72,500.00
616.70001	RETROREFLECTIVE TAPE FOR SIGNAL HEAD BACKPLATES	LF	520.00	\$10.00	\$5,200.00	\$7.00	\$3,640.00	\$10.50	\$7,800.00 \$5,460.00
618,61	UNIFORMED OFFICERS WITH VEHICLE	-	22,100,00	\$1.00	\$22,100.00	\$1.00	- \$22,100,00	****	****
618.7	FLAGGERS	HR	380.00	\$30.00	\$11,400,00	\$42.50	\$16,150,00	\$1.00	\$22,100,00
619.1	MAINTENANCE OF TRAFFIC	U ·	1.00	\$22,500.00	\$22,500.00	\$26,500.00	\$28,500,00	\$24.00 \$72,000.00	\$9,120.00
628,2	SAWED BITUMINOUS PAVEMENT	LF	910.00	\$3.00	\$2,730.00	\$2.50	\$2,275,00	\$3,00	\$72,000.00
632,0104	RETROREFLECTIVE PAINT PAVE, MARKING, 4" LINE	LF	8,400.00	\$0,30	\$2,520.00	\$0.50	\$4,200,00		\$2,730.00
632.3104	RETROREFLECT, THERMOPLAS, PAVE, MARKING, 4"	LF .	760.00	\$2,00	\$1,520,00	\$1,25	\$950.00	\$0,60 \$0,60	\$5,040.00 \$456.00
632.3112	RETROREFLECT, THERMOPLAS, PAVE, MARKING, 12" LINE	LF	460.00	\$3,00	\$1,380.00	\$3.90	\$1,794.00	\$4,00	\$1,840.00
632.3118	RETROREFLECT. THERMOPLAS, PAVE. MARKING, 18" LINE	LF .	130.00	\$6.00	\$780,00	\$6,75	\$877.50	\$7.00	
632.32	RETROREFLECT. THERMOPLAS, PAVEMENT MARKING, SYMBOL OR WORD	SF	350.00	\$7.00	\$2,450,00	\$11,00	\$3,850.00	\$10.00	\$910.00
641,	LOAM .	CY	50.00	\$65.00	\$3,250,00	£76.00	#8 800 TO		
645.42	TEMPORARY SLOPE MATTING TYPE B (MILDLIFE FRIENDLY)	SY	390.00	\$2.75	\$1,072.50	\$76,00 \$5,00	\$3,800.00 \$1,950.00	\$70.00 \$3.00	\$3,500.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	13.00	\$5.00	\$65.00	\$20.00	\$260.00	\$3.00	\$1,170,00 \$39,00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	130,00	\$8.00	\$1,040,00				
\$45.531	SILT FENCE	LF	130.00	\$4,00		\$6.50	\$845.00	\$5,00	\$650.00
846.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	400.00	\$2.00	\$520,00	\$3.50	\$455.00	\$4.00	\$520.00
				\$2.00	\$800,00	\$2,50	\$1,000.00	\$8.00	\$3,200.00

					215	1421	I, CONST. CO., INC. I RTE 3A NH 03304	949 JOHN S	ITRUCTION LLC FARIC HIGHWAY IT, MH 83773
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
692.	MOBILIZATION	U	1.00	\$15,264,69	\$15,264.69	\$39,000.00	\$39,000.00	\$90,000.00	\$90,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1,000.00	\$1.00	\$1,000,00	\$1.00	\$1,000.00	\$1.00	\$1,000.00
1010,15	FUEL ADJUSTMENT	\$	2,000,00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000,00
			Totals:	1	\$339,128,19		\$440,135,75	T	\$545,720,51

Totals:	\$339,128.19	\$440,135.75	\$545,720,51
Alt. Totals:			
Totals:	\$339,128.19	\$440,135.75	\$545,720.51



PS&E Comparison

25621 X-A003(140)

				A-Bidd	der	PS&	ŁΕ	
Item No.	Description	Ünit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
Items								
201.21	REMOVING SMALL TREES	EA	4.00	\$850.00	\$3,400.00	\$200.00	\$800.00	\$2,600.00
201.22	REMOVING LARGE TREES	EA	1.00	\$2,300.00	\$2,300.00	\$900.00	\$900.00	\$1,400.00
201.32	TREE PRUNING, LARGE TREES	EA	1.00	\$750.00	\$750.00	\$100.00	\$100.00	\$650.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	2.00	\$250.00	\$500.00	\$29.00	\$58.00	\$442.00
203.1	COMMON EXCAVATION	CY	200.00	\$20.00	\$4,000.00	\$41.50	\$8,300.00	(\$4,300.00)
203.5301	LOW PERMEABILITY FILL	CY	5.00	\$105.00	\$525.00	\$30.00	\$150.00	\$375.00
203.601	EMBANKMENT-IN-PLACE	CY	55.00	\$20.00	\$1,100.00	\$40.00	\$2,200.00	(\$1,100.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	4.00	\$200.00	\$800.00	\$300.00	\$1,200.00	(\$400.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	5.00	\$200.00	\$1,000.00	\$60.00	\$300.00	\$700.00
209.4	GRANULAR BACKFILL (GRAV)	CY	50.00	\$105.00	\$5,250.00	\$40.00	\$2,000.00	\$3,250.00
214.	FINE GRADING	U	1.00	\$11,600.00	\$11,600.00	\$1,200.00	\$1,200.00	\$10,400.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	200.00	\$65.50	\$13,100.00	\$35.00	\$7,000.00	\$6,100.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	105.00	\$160.00	\$16,800.00	\$180.00	\$18,900.00	(\$2,100.00)
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	395.00	\$132.00	\$52,140.00	\$85.00	\$33,575.00	\$18,565.00

403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	35.00	\$220.00	\$7,700.00	\$165.00	\$5,775.00	\$1,925.00
403.6	PAVEMENT JOINT ADHESIVE	LF	3,600.00	\$1.10	\$3,960.00	\$1.00	\$3,600.00	\$360.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	410.00	\$5.50	\$2,255.00	\$5.50	\$2,255.00	\$0.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	6,750.00	\$ 3.30	\$22,275.00	\$4.50	\$30,375.00	(\$8,100.00)
603.00215	15" R.C. PIPE, 2000D	LF	70.00	\$175.00	\$12,250.00	\$125.00	\$8,750.00	\$3,500.00
604.0007	POLYETHYLENE LINER	EA	1.00	\$200.00	\$200.00	\$225.00	\$225.00	(\$25.00)
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	1.00	\$3,500.00	\$3,500.00	\$2,550.00	\$2,550.00	\$950.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	10.00	\$450.00	\$4,500.00	\$475.00	\$4,750.00	(\$250.00)
604.51	RECONSTRUCTING/ADJUSTING SEWER MANHOLES	LF	5.00	\$550.00	\$2,750.00	\$440.00	\$2,200.00	\$550.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	2.00	\$950.00	\$1,900.00	\$600.00	\$1,200.00	\$700.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	75.00	\$33.00	\$2,475.00	\$30.00	\$2,250.00	\$225.00
608.1201	2" BITUMINOUS SIDEWALK	SY	86.00	\$33.00	\$2,838.00	\$28.00	\$2,408.00	\$430.00
608.2401	4" CONCRETE SIDEWALK	SY ·	65.00	\$65.00	\$4,225.00	\$55.00	\$3,575.00	\$650.00
608.2601	6" CONCRETE SIDEWALK	SY -	80.00	\$85.00	\$6,800.00	\$60.00	\$4,800.00	\$2,000.00
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	8.00	\$155.00	\$1,240.00	\$75.00	\$600.00	\$640.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.00	\$500.00	\$5,000.00	\$450.00	\$4,500.00	\$500.00
609.01	STRAIGHT GRANITE CURB	LF	395.00	\$26.25	\$10,368.75	\$30.00	\$11,850.00	(\$1,481.25)
609.02	CURVED GRANITE CURB	LF	100.00	\$34.50	\$3,450.00	\$34.00	\$3,400.00	\$50.00
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	290.00	\$24.00	\$6,960.00	\$25.00	\$7,250.00	(\$290.00)
609.226	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 6" HIGH	LF	15.00	\$25.00	\$375.00	\$25.00	\$375.00	\$0.00
609.5	RESET GRANITE CURB	LF	65.00	\$16.00	\$1,040.00	\$30.00	\$1,950.00	(\$910.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	120.00	\$25.00	\$3,000.00	\$10.00	\$1,200.00	\$1,800.00

611.811	ADJUSTING/RELOCATING HYDRANTS	EA	1.00	\$2,850.00	\$2,850.00	\$2,600.00	\$2,600.00	\$250.00
611.90001	ADJUSTING WATER GATES AND SHUTOFFS SET BY OTHERS	EA	10.00	\$250.00	\$2,500.00	\$210.00	\$2,100.00	\$400.00
611.9514	BOARD INSULATION, 4" THICK	SY	5.00	\$65.00	\$325.00	\$25.00	\$125.00	\$200.00
615.0301	TRAFFIC SIGN TYPE C	SF	65.00	\$48.00	\$3,120.00	\$56.00	\$3,640.00	(\$520.00)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	5.00	\$36.00	\$180.00	\$50.00	\$250.00	(\$70.00)
615.0601	TRAFFIC SIGN TYPE CC	SF	25.00	\$63.50	\$1,587.50	\$20.00	\$500.00	\$1,087.50
616.191	ALTERATIONS TO TRAFFIC SIGNALS	υ	1.00	\$68,000.00	\$68,000.00	\$45,000.00	\$45,000.00	\$23,000.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.00	\$1,100.00	\$6,600.00	\$800.00	\$4,800.00	\$1,800.00
616.70001	RETROREFLECTIVE TAPE FOR SIGNAL HEAD BACKPLATES	LF	520.00	\$7.00	\$3,640.00	\$10.00	\$5,200.00	(\$1,560.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	22,100.00	\$1.00	\$22,100.00	\$1.00	\$22,100.00	\$0.00
618.7	FLAGGERS	HR	380.00	\$42.50	\$16,150.00	\$30.00	\$11,400.00	\$4,750.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$26,500.00	\$26,500.00	\$22,500.00	\$22,500.00	\$4,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	910.00	\$2.50	\$2,275.00	\$3.00	\$2,730.00	(\$455.00)
632.0104	RETROREFLECTIVE PAINT PAVE, MARKING, 4" LINE	LF	8,400.00	\$0.50	\$4,200.00	\$0.30	\$2,520.00	\$1,680.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	760.00	\$1.25	\$950.00	\$2.00	\$1,520.00	(\$570.00)
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	460.00	\$3.90	\$1,794.00	\$3.00	\$1,380.00	\$414.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	130.00	- \$6.75	\$877.50	\$6.00	\$780.00	\$97.50
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	350.00	\$11.00	\$3,850.00	\$7.00	\$2,450.00	\$1,400.00
641.	LOAM	CY	50.00	\$76.00	\$3,800.00	\$65.00	\$3,250.00	\$550.00
645.42	TEMPORARY SLOPE MATTING TYPE B (MLDLIFE FRIENDLY)	SY	390.00	\$5.00	\$1,950.00	\$2.75	\$1,072.50	\$877.50
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	13.00	\$20.00	\$260.00	\$5.00	\$65.00	\$195.00

645.512	COMPOST SOCK FOR PERIMETER BERM	LF	130.00	\$6.50	\$845.00	\$8.00	\$1,040.00	(\$195.00)
645.531	SILT FENCE	LF	130.00	\$3.50	\$455.00	\$4.00	\$520.00	(\$65.00)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	400.00	\$2.50	\$1,000.00	\$2.00	\$800.00	\$200.00
692.	MOBILIZATION	υ	1.00	\$39,000.00	\$39,000.00	\$15,264.69	\$15,264.69	\$23,735.31
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00

Total: \$440,135.75 \$339,128.19 \$101,007.56

Page 8 of 8

August 26, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This access management improvement project is located at the intersection of NH Route 11/103 (Washington Street) and Bowen Street in Claremont, within the limits of the urban compact. The proposed scope of work includes extending the curbed median islands on both the east and west approaches to the intersection to prevent left turns at the driveways nearest the intersection, constructing a new driveway opposite Bowen Street for shared signalized access to the AutoZone and Verizon Wireless stores (and removal of the existing drives to these parcels), constructing a new mast arm for the connected driveways, and drainage/swale upgrades for the addition of proposed pavement associated with the driveway. Other work includes a 1" inlay and modifications to the pavement marking to provide 11' lanes and 4' shoulders, for the full length of the project. ADA upgrades and utility relocations are also included.

FEDERAL FUNDING: 90% Highway Safety Improvement Project (Program: HSIP) with 10% match from the City of Claremont.

CONTINGENCY: The Contingency amount is proposed to be 5%. This is a short duration project with a small contract value. Overruns are possible when retrofitting the existing signal system to accommodate a fourth leg at the intersection.

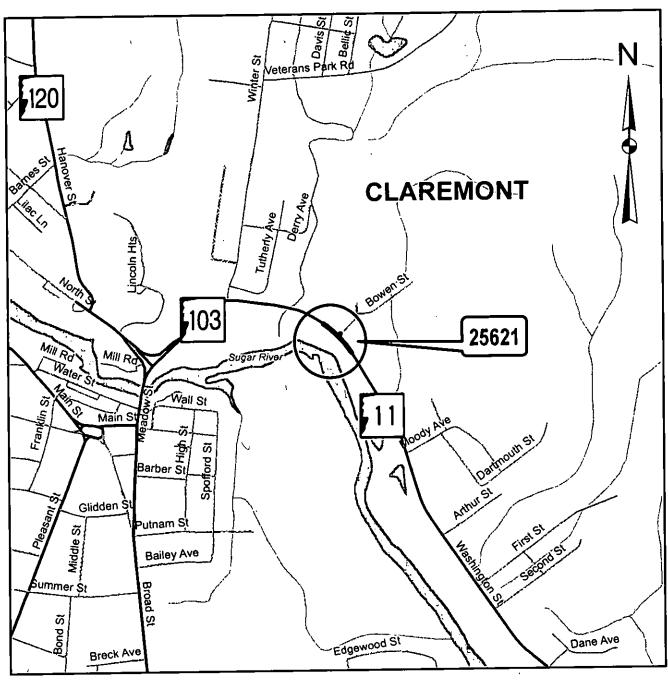
PROJECT INITIATED: Road Safety Audit conducted in 2011.

PROJECT EXPLANATION: This corridor has very high traffic volumes with lack of access management. Sixty-nine crashes occurred at the intersection from 2005 to 2014; a Road Safety Audit was performed in 2011. Improvements to the intersection include the construction of a shared, signalized access to the AutoZone and Verizon Wireless stores and extension of the curbed medians to prevent left turns at the driveways nearest the intersection.

TRAFFIC IMPLICATIONS: This is a short duration project with majority of the work being outside the traveled ways. Partial lanes closures will be used during the median island extension work; shoulder closures will be used during the mast arm base construction and the sidewalk ramp construction and lane closures (nighttime and off peak hours only) will be used for the inlay and pavement striping work.

COMPLETION DATE: October 2, 2020

CLAREMONT 25621





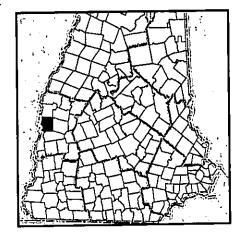
Local RoadsTown Boundary

Feet 500 250 0 500 1,000



Department of Transportation

State #: 256211 Federal #: X-A003(140)





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 11/22/2019

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		CONTACT Donna Bickford	· · · · · · · · · · · · · · · · · · ·				
THE ROWLEY AGENCY INC.		PHONE (603) 224-2562 FAX (A/C, No): (603) 224-8012 E-MAIL ADDRESs: dbickford@rowleyagency.com					
45 Constitution Avenue							
P.O. Box 511		INSURER(8) AFFORDING COVERAGE	NAIC #				
Concord	NH 03302-0511	INSURERA: Firemen's Ins Co of Wash. DC	21784				
INSURED	1	INSURERB: Acadia Insurance Company	31325				
Weaver Brothers Constr	uction Co., Inc.	INSURER C:	31323				
1629 Rte. 3A		INSURER D:					
		INSURER E :					
Bow	NH 03304	INSURER F:	,,,,				
COVERAGES	CERTIFICATE NUMBER:	REVISION NUMBER:	<u> </u>				

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.

NSR LTR	TYPE OF INSURANCE	ADOL	SUBR	POLICY NUMBER	POLICY EFF	POLICY EXP			
	X COMMERCIAL GENERAL LIABILITY	Insu	MYU	POLICY NUMBER	[MM/DD/YYYY]	(MM/DD/YYYY)	LIMIT	8	-
ŀ		l i	l i		i	j	EACH OCCURRENCE	3	1,000,00
^	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	s	300,00
ŀ			ľ	CPA150086029	4/1/2019	4/1/2020	MED EXP (Any one person)	\$	10,000
}		1					PERSONAL & ADV INJURY	<u>s</u>	1,000,00
ŀ	GEN'L AGGREGATE LIMIT APPLIES PER:	l J]		GENERAL AGGREGATE	3	2,000,00
ŀ	POLICY X PRO. X LOC	ll]		PRODUCTS - COMP/OP AGG	5	2,000,000
→	OTHER:	\sqcup						5	
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$	1,000,000
x	X ANY AUTO			•			BODILY INJURY (Per person)	\$	
ŀ	ALL OWNED SCHEDULED AUTOS	1 1	CAA15008612	CAA150086129	4/1/2019	4/1/2020	BODILY INJURY (Per accident)	5	
-	X HIREDAUTOS X NON-OWNED						PROPERTY DAMAGE (Per accident)	S ,	
→		\vdash						\$	
}	X UMBRELLA LIAB X OCCUR					j	EACH OCCURRENCE	5	10,000,000
₽┝	EXCESS LIAB CLAIMS-MADE		İ				AGGREGATE	<u>s</u>	10,000,000
	DED X RETENTION \$ 0	 		CUA014456024	4/1/2019	4/1/2020		\$	
4	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N						X PER OTH-	_	
IANY PROPRIETOR/PARTNER/EXECUTIVE ———		NIA	N/A WPA150086328		1		E.L. EACH ACCIDENT	5	500,000
			3a STATES: MH		4/1/2019	4/1/2020	E.L. DISEASE - EA EMPLOYEE	\$	500,000
4	DESCRIPTION OF OPERATIONS below	<u> </u>		NO EXCLUDED OFFICERS			E.L. DISEASE - POLICY LIMIT	\$	500,000
B LEASED/RENTED EQUIPMENT MOTOR TRUCK CARGO				CIM006660628	4/1/2019	4/1/2020	LiMIT (\$1,000 Deductible):		\$525,000
			- 1		ļ		LIMIT (\$1,000 Deductible);		\$250,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project: Claremont X-A003(140) 25621- Improve access management at existing signalized intersection, NH 11 & 103

The State of NH-Dept. of Transportation is included as an add'l insured on all liability policies except workers compensation when required by written contract with the named insured.

CERTIFICATE HOLDER	CANCELLATION					
271-3461 State of NH - Dept. of Transportation PO Box 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	AUTHORIZED REPRESENTATIVE				
<u> </u>	Donna Bickford/DTB	Donne L. Dityll				



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 11/22/2019

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(les) must be endorsed. If SUBROGATION

the terms and conditions of the policy, certificate holder in lieu of such endors	certain po	olicies may require an end	lorseme	nt. A statem	ent on this c	ertificate does no	AIVED, subject it confer rights	et to s to the	
PRODUCER			CONTA NAME:	CT Donna F	ickford				
THE ROWLEY AGENCY INC.									
45 Constitution Avenue		PHONE (AG, No. Ext): (603) 224-2562 E-MAIL ADDREss: dbickford@rowlsyagency.com							
P.O. Box 511			ADDRE					T	
Concord NH 03	302-051	1	<u> </u>			RDING COVERAGE		NAIC #	
INSURED		<u> </u>	INSURERA: Acadia Insurance Company					31325	
State of NH-Dept of Transportat	rion		INSURER B :						
c/o Weaver Brothers Construction Co., Inc.				INSURER C:					
1629 Rte. 3A				INSURER D:					
Bow NH 03304				RE:					
		NUMBER:	INSURE	R F :				<u> </u>	
THIS IS TO CERTIFY THAT THE POLICIES O INDICATED. NOTWITHSTANDING ANY REQUESTIFICATE MAY BE ISSUED OR MAY PER EXCLUSIONS AND CONDITIONS OF SUCH FOR THE PROPERTY OF THE PROPER	FINSURAN UIREMENT, TAIN, THE POLICIES, L	CE LISTED BELOW HAVE BE TERM OR CONDITION OF AI INSURANCE AFFORDED BY IMITS SHOWN MAY HAVE BE	NY CON.	TRACT OR OTI	HER DOCUME BED HEREIN CLAIMS.	NT WITH DECREAT	POLICY PERIO	D S	
TYPE OF INSURANCE	INSD WYD	POLICY NUMBER		(MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)		LIMITS		
COMMERCIAL GENERAL LIABILITY]]					EACH OCCURRENCE		2,000,000	
A CLAIMS-MADE X OCCUR				·		PREMISES (Ea occur	rence) S		
X Owners & Contractors Protec		OCFB19112213922		12/18/2019	4/2/2021	MED EXP (Any one po	erson) \$		
<u> </u>			ì			PERSONAL & ADV IN	JURY \$		
GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGAT	re s	3,000,000	
X POLICY PRO-		i				PRODUCTS - COMP/C	PAGG \$		
OTHER:							- 5		
AUTOMOBILE LIABILITY	1 1					COMBINED SINGLE LI (Ea accident)	IMIT S		
ANYAUTO ALL OWNED SCHEDULED		·				BODILY INJURY (Per			
AUTOS AUTOS NON-OWNED						BODILY INJURY (Per	accident) \$		
HIREDAUTOS AUTOS						PRÓPERTY DAMAGE (Per accident)	\$		
1,000	<u> </u>						\$		
UMBRELLA LIAB OCCUR	1					EACH OCCURRENCE	<u>s</u>		
CLAIMS-MADE						AGGREGATE	\$		
WORKERS COMPENSATION						1 800	\$	<u> </u>	
AND EMPLOYERS' LIABILITY				i		PER STATUTE	OTH- ER		
ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A					E.L. EACH ACCIDENT			
(Mandatory in NH) If yes, describe under				ĺ	ļ	E.L. DISEASE - EA EMP	PLOYEE \$		
DÉSCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY	LIMIT S		
ESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES e: Improve access management (owen Sts.)	RE exist	t, Additional Ramarks Schedule, ma ing signalized inte	rsect	ined H more space	is required) Routes 11	& 103 (Washi	.ngton &		
ERTIFICATE HOLDER	•		CANC	ELL ATION		-			
State of NH-Dept. of Transportation PO Box 483 Concord, NH 03302-0483				CANCELLATION 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					
•	Donna Bickford/DTB								