

42 SAM



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
 Commissioner

William Cass, P.E.
 Assistant Commissioner

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

Bureau of Construction
 November 22, 2021

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Continental Paving, Inc. (Vendor 155350) of Londonderry, NH, on the basis of a low bid of \$3,954,653.75 for pavement preservation in Districts 4 and 5, from the date of Governor and Council approval through September 23, 2022, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2022 and 2023, 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 2022</u>	<u>FY 2023</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$2,983,966.02	\$970,687.73

2. Further authorize that a contingency in the amount of \$197,732.69 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:	<u>FY 2023</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$197,732.69

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan. This project is part of the Tier 2 Federal Resurfacing program and involves 13.0 miles of pavement resurfacing on two sections in five towns in Districts 4 and 5.

- 21402 - Troy-Marlborough-Swanzey, NH 12, 2" full width inlay (0.6 mile), 1½" full width overlay (3.8 miles), spot inlays, 4.4 miles
- 21502 - Brookline-Milford, NH 13, ¾" full width paver shim overlay (8.1 miles), 2" full width high strength inlay (0.5 mile), 8.6 miles

The purpose of this project is to extend the life of the existing pavement infrastructure and minimize the need for costlier improvements in the near future. Work efforts include roadway resurfacing, upgrading guardrail, curb ramp reconstruction, sign replacements, and drainage structure adjustments.

The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions. In addition, the sections will continue to deteriorate through the 2021-2022 winter.

Although the bid costs exceeded the Department's estimate by 12.08%, the low bid of 3 bids received is felt to be reasonable for the work involved. There were 6 items of significance that accounted for 77% of the overage (pavement, guardrail (4), & flaggers). Re-advertising 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.

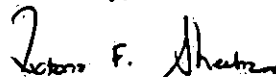
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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: 80% Federal (Pave-T2-Resurf 80), with anticipated utilization of Turnpike Toll credits for the State's 20% 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: \$3,528,456.25
Contract Amount: \$3,954,653.75
Over Estimate: \$ 426,197.50
Attachments



ABC Bid Data

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

PROJECT: TROY-SWANZEY/BROOKLINE-MILFORD
STATE PROJECT NUMBER: 43063
FED. PROJECT NUMBER: X-A005(030)
DATE BIDS OPEN: October 28, 2021, 2:00
SCOPE OF WORK: Pavement preservation
COMPLETION DATE: September 23, 2022
LOCATION: District 5, District 4, Cheshire, Hillsborough

Awarded To: CONTINENTAL PAVING INC
1 CONTINENTAL DRIVE
LONDONDERRY, NH 03053

Amount: \$3,954,653.75

Award Date:

Certified by: PETER.E.STAMNAS

Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
CONTINENTAL PAVING INC. 1 CONTINENTAL DRIVE, LONDONDERRY NH 03053	\$3,954,653.75	A
ALL STATES CONSTRUCTION INC PO BOX 91, SUNDERLAND MA 01375	\$4,304,747.00	B
EUROVIA ATLANTIC COAST LLC 216 MOUNT HERMON STATION ROAD, NORTHFIELD MA 01360	\$4,489,243.85	C



ABC Bid Data

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	P&E		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03063		ALL STATES CONSTRUCTION INC PO BOX 91 SUNDERLAND, MA 01376	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	6,000.00	\$2.40	\$14,400.00	\$4.75	\$28,500.00	\$3.00	\$18,000.00
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	130.00	\$50.00	\$6,500.00	\$85.00	\$11,050.00	\$50.00	\$6,500.00
203.6661	EAGRT PLATFORM PREFERRED	U	67.00	\$1,350.00	\$90,450.00	\$1,400.00	\$93,800.00	\$1,500.00	\$100,500.00
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 28'	U	4.00	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00
206.1	COMMON STRUCTURE EXCAVATION	CY	129.00	\$80.00	\$10,320.00	\$100.00	\$12,900.00	\$300.00	\$38,700.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	6.00	\$80.00	\$480.00	\$500.00	\$2,500.00	\$100.00	\$500.00
304.301	CRUSHED GRAVEL	CY	60.00	\$70.00	\$3,500.00	\$50.00	\$2,500.00	\$75.00	\$3,750.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,690.00	\$25.00	\$67,250.00	\$25.00	\$67,250.00	\$32.00	\$86,080.00
403.11023	HBP-3/4" BINDER MIX, MACHINE METHOD	TON	870.00	\$75.00	\$65,250.00	\$80.00	\$69,600.00	\$85.00	\$73,950.00
403.11042	HBP-1/2" SURFACE MIX, MACHINE METHOD, QC/QA TIER 2	TON	8,200.00	\$70.00	\$574,000.00	\$80.00	\$656,000.00	\$85.00	\$697,000.00
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	1,800.00	\$90.00	\$162,000.00	\$90.00	\$162,000.00	\$100.00	\$180,000.00
403.12	HBP-HAND METHOD	TON	333.00	\$170.00	\$56,610.00	\$130.00	\$43,290.00	\$225.00	\$74,925.00
403.16	PAVEMENT JOINT ADHESIVE	LF	93,100.00	\$0.25	\$23,275.00	\$0.25	\$24,206.00	\$0.25	\$23,275.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	11,000.00	\$2.15	\$23,650.00	\$2.50	\$27,500.00	\$4.00	\$44,000.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	14,000.00	\$4.40	\$61,600.00	\$5.00	\$70,000.00	\$5.00	\$70,000.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	7,300.00	\$80.00	\$584,000.00	\$80.00	\$584,000.00	\$87.00	\$635,100.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	41,000.00	\$2.25	\$92,250.00	\$2.50	\$102,500.00	\$3.75	\$153,750.00
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	7,300.00	\$2.50	\$18,250.00	\$2.00	\$14,600.00	\$4.00	\$29,200.00
417.54	REMOVE AND INLAY LONGITUDINAL CRACKS	LF	6,300.00	\$8.50	\$53,550.00	\$4.50	\$28,350.00	\$10.00	\$63,000.00
604.0007	POLYETHYLENE LINER	EA	64.00	\$135.00	\$8,640.00	\$135.00	\$8,640.00	\$135.00	\$8,640.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	64.00	\$450.00	\$28,800.00	\$600.00	\$38,400.00	\$500.00	\$32,000.00
604.72	GRATES & FRAMES, TYPE B	EA	19.00	\$600.00	\$11,400.00	\$750.00	\$14,250.00	\$850.00	\$16,150.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	213.00	\$13.50	\$2,875.50	\$24.25	\$5,165.25	\$22.00	\$4,686.00



ABC Bid Data

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	P&E		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03063		ALL STATES CONSTRUCTION INC PO BOX 91 BUNDELAND, MA 01376	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	36.00	\$65.00	\$2,340.00	\$148.50	\$5,346.00	\$135.00	\$4,860.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	48.00	\$16.00	\$768.00	\$27.50	\$1,320.00	\$25.00	\$1,200.00
606.1263	BEAM GUARDRAIL (TERMINAL UNIT TYPE MFLEAT, TL 3)	U	1.00	\$3,000.00	\$3,000.00	\$4,840.00	\$4,840.00	\$4,400.00	\$4,400.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	48.00	\$3,000.00	\$138,000.00	\$4,290.00	\$197,340.00	\$3,900.00	\$179,400.00
606.1265	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	21.00	\$3,000.00	\$63,000.00	\$4,290.00	\$90,090.00	\$3,900.00	\$81,900.00
606.12651	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	4.00	\$2,750.00	\$11,000.00	\$5,485.00	\$21,940.00	\$4,985.00	\$19,940.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	4.00	\$850.00	\$3,400.00	\$1,540.00	\$6,160.00	\$1,400.00	\$5,600.00
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	17.00	\$30.00	\$510.00	\$44.00	\$748.00	\$40.00	\$680.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,270.00	\$25.00	\$81,750.00	\$37.50	\$122,625.00	\$34.00	\$111,180.00
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	6.00	\$1,100.00	\$6,600.00	\$1,320.00	\$7,920.00	\$1,200.00	\$7,200.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	8.00	\$1,100.00	\$8,800.00	\$1,320.00	\$10,560.00	\$1,200.00	\$9,600.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	120.00	\$20.00	\$2,400.00	\$22.00	\$2,640.00	\$20.00	\$2,400.00
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	2.00	\$250.00	\$500.00	\$800.00	\$1,600.00	\$725.00	\$1,450.00
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	12,400.00	\$6.25	\$77,500.00	\$12.75	\$158,100.00	\$11.50	\$142,600.00
608.2401	4" CONCRETE SIDEWALK	SY	64.00	\$75.00	\$4,800.00	\$100.00	\$6,400.00	\$115.00	\$7,360.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	11.00	\$450.00	\$4,950.00	\$500.00	\$5,500.00	\$500.00	\$5,500.00
609.01	STRAIGHT GRANITE CURB	LF	35.00	\$50.00	\$1,750.00	\$50.00	\$1,750.00	\$165.00	\$5,775.00
609.5	RESET GRANITE CURB	LF	1,650.00	\$15.00	\$24,750.00	\$15.00	\$24,750.00	\$55.00	\$90,750.00
615.0201	TRAFFIC SIGN TYPE B	SF	40.75	\$50.00	\$2,037.50	\$81.50	\$3,321.13	\$100.00	\$4,075.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	98.00	\$125.00	\$12,250.00	\$206.00	\$20,188.00	\$220.00	\$21,560.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	13.00	\$125.00	\$1,625.00	\$1,000.00	\$13,000.00	\$50.00	\$650.00
615.0301	TRAFFIC SIGN TYPE C	SF	170.50	\$45.00	\$7,672.50	\$57.00	\$9,718.50	\$45.00	\$7,672.50
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	22.00	\$45.00	\$990.00	\$500.00	\$11,000.00	\$20.00	\$440.00
615.0501	TRAFFIC SIGN TYPE BB	SF	52.25	\$25.00	\$1,306.25	\$33.50	\$1,750.38	\$20.00	\$1,045.00
615.053	REMOVING TRAFFIC SIGN TYPE BB	U	2.00	\$50.00	\$100.00	\$500.00	\$1,000.00	\$10.00	\$20.00



ABC Bid Data

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	PS&E		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03063		ALL STATES CONSTRUCTION INC PO BOX 91 SUNDERLAND, MA 01376	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
615.0801	TRAFFIC SIGN TYPE CC	SF	81.32	\$20.00	\$1,626.40	\$21.00	\$1,707.72	\$15.00	\$1,219.80
615.083	REMOVING TRAFFIC SIGN TYPE CC	U	1.00	\$15.00	\$15.00	\$500.00	\$500.00	\$10.00	\$10.00
616.820	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 20 FT	EA	6.00	\$850.00	\$4,250.00	\$1,100.00	\$5,500.00	\$1,000.00	\$5,000.00
616.850	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 60 FT	EA	6.00	\$1,200.00	\$7,200.00	\$1,210.00	\$7,260.00	\$1,250.00	\$7,500.00
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	2.00	\$7,000.00	\$14,000.00	\$5,225.00	\$10,450.00	\$5,250.00	\$10,500.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	157,500.00	\$1.00	\$157,500.00	\$1.00	\$157,500.00	\$1.00	\$157,500.00
618.7	FLAGGERS	HR	2,000.00	\$35.00	\$70,000.00	\$50.00	\$100,000.00	\$48.00	\$96,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$180,000.00	\$180,000.00	\$150,000.00	\$150,000.00	\$170,000.00	\$170,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$4,500.00	\$27,000.00	\$2,500.00	\$15,000.00	\$3,000.00	\$18,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$12,500.00	\$25,000.00	\$10,000.00	\$20,000.00	\$3,800.00	\$7,200.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	89.00	\$5.25	\$467.25	\$8.25	\$734.25	\$7.00	\$623.00
621.31	SINGLE DELINEATOR WITH POST	EA	181.00	\$45.00	\$8,145.00	\$53.00	\$9,593.00	\$60.00	\$10,860.00
621.32	DOUBLE DELINEATOR WITH POST	EA	38.00	\$50.00	\$1,900.00	\$58.00	\$2,204.00	\$60.00	\$2,280.00
626.1	SAWED CONCRETE PAVEMENT	LF	36.00	\$7.75	\$279.00	\$10.00	\$360.00	\$20.00	\$720.00
626.2	SAWED BITUMINOUS PAVEMENT	LF	1,700.00	\$2.75	\$4,675.00	\$5.00	\$8,500.00	\$12.00	\$20,400.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	683,613.00	\$0.15	\$84,526.95	\$0.19	\$107,067.47	\$0.25	\$140,878.25
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	3,037.00	\$1.25	\$3,796.25	\$3.00	\$9,111.00	\$2.00	\$6,074.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	261.00	\$4.75	\$1,239.75	\$10.00	\$2,610.00	\$7.85	\$2,048.85
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,431.00	\$1.10	\$1,574.10	\$1.10	\$1,574.10	\$0.85	\$930.15
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	276.00	\$2.00	\$552.00	\$3.35	\$924.60	\$1.15	\$317.40
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	184.00	\$4.25	\$782.00	\$6.70	\$1,232.80	\$4.65	\$855.60
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	261.00	\$8.00	\$1,588.00	\$17.25	\$4,502.25	\$8.90	\$1,800.90
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	17.00	\$10.00	\$170.00	\$55.50	\$943.50	\$8.65	\$113.05
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	608.00	\$0.35	\$212.80	\$3.35	\$2,038.80	\$0.45	\$273.60
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	28.00	\$4.50	\$117.00	\$6.00	\$156.00	\$1.35	\$35.10
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	88.00	\$2.75	\$242.00	\$6.00	\$528.00	\$1.35	\$118.80



ABC Bid Data

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	P&E		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03063		ALL STATES CONSTRUCTION INC PO BOX 91 SUNDERLAND, MA 01376	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.612	COMPOST SOCK FOR PERIMETER BERM	LF	2,000.00	\$5.25	\$10,500.00	\$8.00	\$16,000.00	\$6.00	\$12,000.00
645.631	SILT FENCE	LF	2,000.00	\$3.40	\$6,800.00	\$3.50	\$7,000.00	\$5.00	\$10,000.00
645.811	BONDED FIBER MATRIX (BFM)	LB	1,500.00	\$2.00	\$3,000.00	\$2.50	\$3,750.00	\$2.75	\$4,125.00
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	2,000.00	\$2.00	\$4,000.00	\$2.50	\$5,000.00	\$1.00	\$2,000.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	180.00	\$20.00	\$3,600.00	\$25.00	\$4,500.00	\$50.00	\$9,000.00
670.0661	MULTIPLE MAILBOXES SUPPORT ASSEMBLIES	EA	5.00	\$360.00	\$1,800.00	\$1,500.00	\$7,500.00	\$120.00	\$600.00
692.	MOBILIZATION	U	1.00	\$208,950.00	\$208,950.00	\$200,000.00	\$200,000.00	\$235,000.00	\$235,000.00
698.12	FIELD OFFICE TYPE B	MON	8.00	\$1,600.00	\$14,400.00	\$2,500.00	\$22,500.00	\$2,500.00	\$22,500.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1008.261	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1010.16	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	40,300.00	\$1.00	\$40,300.00	\$1.00	\$40,300.00	\$1.00	\$40,300.00
Totals:					\$3,628,456.25		\$3,954,653.76		\$4,304,747.00
Alt. Totals:									
Totals:					\$3,628,456.25		\$3,954,653.76		\$4,304,747.00



ABC Bid Data

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	P&E		EUROVA ATLANTIC COAST LLC 216 MOUNT HERBOW STATION ROAD NORTHFIELD, MA 01360		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.7	REMOVAL OF GUARDRAIL	LF	6,000.00	\$2.40	\$14,400.00	\$2.55	\$15,300.00		
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	130.00	\$50.00	\$6,500.00	\$70.00	\$9,100.00		
203.5541	EAGRT PLATFORM PREFERRED	U	67.00	\$1,350.00	\$90,450.00	\$1,100.00	\$73,700.00		
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	4.00	\$1,500.00	\$6,000.00	\$1,800.00	\$7,200.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	129.00	\$80.00	\$10,320.00	\$60.00	\$7,740.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	5.00	\$80.00	\$400.00	\$200.00	\$1,000.00		
304.301	CRUSHED GRAVEL	CY	50.00	\$70.00	\$3,500.00	\$100.00	\$5,000.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,690.00	\$25.00	\$67,250.00	\$50.00	\$134,500.00		
403.11023	HBP-3/4" BINDER MIX, MACHINE METHOD	TON	870.00	\$75.00	\$65,250.00	\$81.00	\$70,470.00		
403.11042	HBP-1/2" SURFACE MIX, MACHINE METHOD, QC/QA TIER 2	TON	9,200.00	\$70.00	\$644,000.00	\$83.00	\$763,600.00		
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	1,800.00	\$90.00	\$162,000.00	\$95.00	\$171,000.00		
403.12	HBP-HAND METHOD	TON	333.00	\$170.00	\$56,610.00	\$200.00	\$66,600.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	93,100.00	\$0.25	\$23,275.00	\$0.25	\$23,275.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	11,000.00	\$2.15	\$23,650.00	\$4.50	\$49,500.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	14,000.00	\$4.40	\$61,600.00	\$5.25	\$73,500.00		
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	7,300.00	\$80.00	\$584,000.00	\$115.00	\$839,500.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	41,000.00	\$2.25	\$92,250.00	\$3.00	\$123,000.00		
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	7,300.00	\$2.50	\$18,250.00	\$10.00	\$73,000.00		
417.54	REMOVE AND INLAY LONGITUDINAL CRACKS	LF	5,300.00	\$8.50	\$45,050.00	\$7.95	\$42,135.00		
604.0007	POLYETHYLENE LINER	EA	64.00	\$135.00	\$8,640.00	\$150.00	\$9,600.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	64.00	\$450.00	\$28,800.00	\$700.00	\$44,800.00		
604.72	GRATES & FRAMES, TYPE B	EA	19.00	\$600.00	\$11,400.00	\$650.00	\$12,350.00		
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	213.00	\$13.50	\$2,875.50	\$23.00	\$4,899.00		



ABC Bid Data

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	P&E		EUROVA ATLANTIC COAST LLC 216 MOUNT HERMON STATION ROAD NORTHFIELD, MA 01360		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	36.00	\$65.00	\$2,340.00	\$137.00	\$4,932.00		
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	48.00	\$16.00	\$768.00	\$26.00	\$1,248.00		
606.1253	BEAM GUARDRAIL (TERMINAL UNIT TYPE MFLEAT, TL 3)	U	1.00	\$3,000.00	\$3,000.00	\$4,450.00	\$4,450.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	46.00	\$3,000.00	\$138,000.00	\$3,950.00	\$181,700.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	21.00	\$3,000.00	\$63,000.00	\$3,950.00	\$82,950.00		
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	4.00	\$2,750.00	\$11,000.00	\$5,000.00	\$20,000.00		
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	4.00	\$850.00	\$3,400.00	\$1,500.00	\$6,000.00		
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	17.00	\$30.00	\$510.00	\$42.00	\$714.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,270.00	\$25.00	\$81,750.00	\$33.00	\$107,910.00		
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	6.00	\$1,100.00	\$6,600.00	\$1,300.00	\$7,800.00		
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	8.00	\$1,100.00	\$8,800.00	\$1,300.00	\$10,400.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	120.00	\$20.00	\$2,400.00	\$22.00	\$2,640.00		
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	2.00	\$250.00	\$500.00	\$730.00	\$1,460.00		
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	12,400.00	\$6.25	\$77,500.00	\$11.50	\$142,600.00		
608.2401	4" CONCRETE SIDEWALK	SY	64.00	\$75.00	\$4,800.00	\$165.00	\$10,560.00		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	11.00	\$450.00	\$4,950.00	\$500.00	\$5,500.00		
609.01	STRAIGHT GRANITE CURB	LF	35.00	\$50.00	\$1,750.00	\$125.00	\$4,375.00		
609.5	RESET GRANITE CURB	LF	1,650.00	\$15.00	\$24,750.00	\$60.00	\$99,000.00		
615.0201	TRAFFIC SIGN TYPE B	SF	40.75	\$50.00	\$2,037.50	\$100.00	\$4,075.00		
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	98.00	\$125.00	\$12,250.00	\$222.00	\$21,756.00		
615.023	REMOVING TRAFFIC SIGN TYPE B	U	13.00	\$125.00	\$1,625.00	\$51.00	\$663.00		
615.0301	TRAFFIC SIGN TYPE C	SF	170.50	\$45.00	\$7,672.50	\$44.00	\$7,502.00		
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	22.00	\$45.00	\$990.00	\$21.00	\$462.00		
615.0501	TRAFFIC SIGN TYPE BB	SF	52.25	\$25.00	\$1,306.25	\$17.00	\$888.25		
615.053	REMOVING TRAFFIC SIGN TYPE BB	U	2.00	\$50.00	\$100.00	\$11.00	\$22.00		



ABC Bid Data

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	P&E		EUROVA ATLANTIC COAST LLC 215 MOUNT HERMON STATION ROAD NORTHFIELD, MA 01360		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
615.0601	TRAFFIC SIGN TYPE CC	SF	81.32	\$20.00	\$1,626.40	\$17.20	\$1,398.70		
615.063	REMOVING TRAFFIC SIGN TYPE CC	U	1.00	\$15.00	\$15.00	\$11.00	\$11.00		
616.820	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 20 FT	EA	5.00	\$850.00	\$4,250.00	\$900.00	\$3,000.00		
616.850	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.00	\$1,200.00	\$7,200.00	\$900.00	\$5,400.00		
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	2.00	\$7,000.00	\$14,000.00	\$2,800.00	\$5,600.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	167,500.00	\$1.00	\$157,500.00	\$1.00	\$157,500.00		
618.7	FLAGGERS	HR	2,000.00	\$35.00	\$70,000.00	\$43.00	\$86,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$180,000.00	\$180,000.00	\$160,000.00	\$160,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$4,500.00	\$27,000.00	\$3,200.00	\$19,200.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$12,500.00	\$25,000.00	\$9,200.00	\$18,400.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	89.00	\$5.25	\$467.25	\$8.00	\$712.00		
621.31	SINGLE DELINEATOR WITH POST	EA	181.00	\$45.00	\$8,145.00	\$59.00	\$10,679.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	38.00	\$50.00	\$1,900.00	\$57.00	\$2,166.00		
628.1	SAWED CONCRETE PAVEMENT	LF	36.00	\$7.75	\$279.00	\$30.00	\$1,080.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,700.00	\$2.75	\$4,675.00	\$1.10	\$1,870.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	583,513.00	\$0.15	\$84,526.95	\$0.20	\$112,702.60		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	3,037.00	\$1.25	\$3,796.25	\$2.30	\$6,985.10		
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	261.00	\$4.75	\$1,239.75	\$10.40	\$2,714.40		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,431.00	\$1.10	\$1,574.10	\$1.20	\$1,717.20		
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	276.00	\$2.00	\$552.00	\$3.50	\$966.00		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	184.00	\$4.25	\$782.00	\$6.90	\$1,269.60		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	261.00	\$8.00	\$1,588.00	\$17.50	\$4,567.50		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	17.00	\$10.00	\$170.00	\$58.00	\$986.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	608.00	\$0.35	\$212.80	\$3.50	\$2,128.00		
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	26.00	\$4.50	\$117.00	\$5.75	\$149.50		
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	88.00	\$2.75	\$242.00	\$5.00	\$440.00		



ABC Bid Data

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	P&E		EUROMA ATLANTIC COAST LLC 218 MOUNT HERMON STATION ROAD NORTHFIELD, MA 01360		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,000.00	\$5.25	\$10,500.00	\$5.65	\$11,300.00		
645.531	SILT FENCE	LF	2,000.00	\$3.40	\$6,800.00	\$6.65	\$13,300.00		
645.611	BONDED FIBER MATRIX (BFM)	LB	1,500.00	\$2.00	\$3,000.00	\$1.20	\$1,800.00		
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	2,000.00	\$2.00	\$4,000.00	\$2.75	\$5,500.00		
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	180.00	\$20.00	\$3,600.00	\$30.00	\$5,400.00		
670.0661	MULTIPLE MAILBOXES SUPPORT ASSEMBLIES	EA	5.00	\$360.00	\$1,800.00	\$325.00	\$1,625.00		
692.	MOBILIZATION	U	1.00	\$208,950.00	\$208,950.00	\$275,000.00	\$275,000.00		
698.12	FIELD OFFICE TYPE B	MON	9.00	\$1,600.00	\$14,400.00	\$3,000.00	\$27,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1010.15	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	40,300.00	\$1.00	\$40,300.00	\$1.00	\$40,300.00		
Totals:					\$3,528,456.25		\$4,489,243.85		
Alt. Totals:									
Totals:					\$3,528,456.25		\$4,489,243.85		



PS&E Comparison

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
202.7	REMOVAL OF GUARDRAIL	LF	6,000.00	\$4.75	\$28,500.00	\$2.40	\$14,400.00	\$14,100.00
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	130.00	\$85.00	\$11,050.00	\$50.00	\$6,500.00	\$4,550.00
203.5561	EAGRT PLATFORM PREFERRED	U	67.00	\$1,400.00	\$93,800.00	\$1,350.00	\$90,450.00	\$3,350.00
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	4.00	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00	\$0.00
206.1	COMMON STRUCTURE EXCAVATION	CY	129.00	\$100.00	\$12,900.00	\$80.00	\$10,320.00	\$2,580.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	5.00	\$500.00	\$2,500.00	\$80.00	\$400.00	\$2,100.00
304.301	CRUSHED GRAVEL	CY	50.00	\$50.00	\$2,500.00	\$70.00	\$3,500.00	(\$1,000.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,690.00	\$25.00	\$67,250.00	\$25.00	\$67,250.00	\$0.00
403.11023	HBP-3/4" BINDER MIX, MACHINE METHOD	TON	870.00	\$80.00	\$69,600.00	\$75.00	\$65,250.00	\$4,350.00
403.11042	HBP-1/2" SURFACE MIX, MACHINE METHOD, QC/QA TIER 2	TON	9,200.00	\$80.00	\$736,000.00	\$70.00	\$644,000.00	\$92,000.00
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	1,800.00	\$90.00	\$162,000.00	\$90.00	\$162,000.00	\$0.00
403.12	HBP-HAND METHOD	TON	333.00	\$130.00	\$43,290.00	\$170.00	\$56,610.00	(\$13,320.00)
403.16	PAVEMENT JOINT ADHESIVE	LF	93,100.00	\$0.26	\$24,206.00	\$0.25	\$23,275.00	\$931.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	11,000.00	\$2.50	\$27,500.00	\$2.15	\$23,650.00	\$3,850.00



PS&E Comparison

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	14,000.00	\$5.00	\$70,000.00	\$4.40	\$61,600.00	\$8,400.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	7,300.00	\$80.00	\$584,000.00	\$80.00	\$584,000.00	\$0.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	41,000.00	\$2.50	\$102,500.00	\$2.25	\$92,250.00	\$10,250.00
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	7,300.00	\$2.00	\$14,600.00	\$2.50	\$18,250.00	(\$3,650.00)
417.54	REMOVE AND INLAY LONGITUDINAL CRACKS	LF	5,300.00	\$4.50	\$23,850.00	\$8.50	\$45,050.00	(\$21,200.00)
604.0007	POLYETHYLENE LINER	EA	64.00	\$135.00	\$8,640.00	\$135.00	\$8,640.00	\$0.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	64.00	\$600.00	\$38,400.00	\$450.00	\$28,800.00	\$9,600.00
604.72	GRATES & FRAMES, TYPE B	EA	19.00	\$750.00	\$14,250.00	\$600.00	\$11,400.00	\$2,850.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	213.00	\$24.25	\$5,165.25	\$13.50	\$2,875.50	\$2,289.75
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	36.00	\$148.50	\$5,346.00	\$65.00	\$2,340.00	\$3,006.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	48.00	\$27.50	\$1,320.00	\$16.00	\$768.00	\$552.00
606.1253	BEAM GUARDRAIL (TERMINAL UNIT TYPE MFLEAT, TL 3)	U	1.00	\$4,840.00	\$4,840.00	\$3,000.00	\$3,000.00	\$1,840.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	46.00	\$4,290.00	\$197,340.00	\$3,000.00	\$138,000.00	\$59,340.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	21.00	\$4,290.00	\$90,090.00	\$3,000.00	\$63,000.00	\$27,090.00



PS&E Comparison

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	4.00	\$5,485.00	\$21,940.00	\$2,750.00	\$11,000.00	\$10,940.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	4.00	\$1,540.00	\$6,160.00	\$850.00	\$3,400.00	\$2,760.00
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	17.00	\$44.00	\$748.00	\$30.00	\$510.00	\$238.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,270.00	\$37.50	\$122,625.00	\$25.00	\$81,750.00	\$40,875.00
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	6.00	\$1,320.00	\$7,920.00	\$1,100.00	\$6,600.00	\$1,320.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	8.00	\$1,320.00	\$10,560.00	\$1,100.00	\$8,800.00	\$1,760.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	120.00	\$22.00	\$2,640.00	\$20.00	\$2,400.00	\$240.00
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	2.00	\$800.00	\$1,600.00	\$250.00	\$500.00	\$1,100.00
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	12,400.00	\$12.75	\$158,100.00	\$6.25	\$77,500.00	\$80,600.00
608.2401	4" CONCRETE SIDEWALK	SY	64.00	\$100.00	\$6,400.00	\$75.00	\$4,800.00	\$1,600.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	11.00	\$500.00	\$5,500.00	\$450.00	\$4,950.00	\$550.00
609.01	STRAIGHT GRANITE CURB	LF	35.00	\$50.00	\$1,750.00	\$50.00	\$1,750.00	\$0.00
609.5	RESET GRANITE CURB	LF	1,650.00	\$15.00	\$24,750.00	\$15.00	\$24,750.00	\$0.00
615.0201	TRAFFIC SIGN TYPE B	SF	40.75	\$81.50	\$3,321.13	\$50.00	\$2,037.50	\$1,283.63
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	98.00	\$206.00	\$20,188.00	\$125.00	\$12,250.00	\$7,938.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	13.00	\$1,000.00	\$13,000.00	\$125.00	\$1,625.00	\$11,375.00



PS&E Comparison

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
615.0301	TRAFFIC SIGN TYPE C	SF	170.50	\$57.00	\$9,718.50	\$45.00	\$7,672.50	\$2,046.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	22.00	\$500.00	\$11,000.00	\$45.00	\$990.00	\$10,010.00
615.0501	TRAFFIC SIGN TYPE BB	SF	52.25	\$33.50	\$1,750.38	\$25.00	\$1,306.25	\$444.13
615.053	REMOVING TRAFFIC SIGN TYPE BB	U	2.00	\$500.00	\$1,000.00	\$50.00	\$100.00	\$900.00
615.0601	TRAFFIC SIGN TYPE CC	SF	81.32	\$21.00	\$1,707.72	\$20.00	\$1,626.40	\$81.32
615.063	REMOVING TRAFFIC SIGN TYPE CC	U	1.00	\$500.00	\$500.00	\$15.00	\$15.00	\$485.00
616.620	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 20 FT	EA	5.00	\$1,100.00	\$5,500.00	\$850.00	\$4,250.00	\$1,250.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.00	\$1,210.00	\$7,260.00	\$1,200.00	\$7,200.00	\$60.00
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	2.00	\$5,225.00	\$10,450.00	\$7,000.00	\$14,000.00	(\$3,550.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	157,500.00	\$1.00	\$157,500.00	\$1.00	\$157,500.00	\$0.00
618.7	FLAGGERS	HR	2,000.00	\$50.00	\$100,000.00	\$35.00	\$70,000.00	\$30,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$150,000.00	\$150,000.00	\$180,000.00	\$180,000.00	(\$30,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$2,500.00	\$15,000.00	\$4,500.00	\$27,000.00	(\$12,000.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$10,000.00	\$20,000.00	\$12,500.00	\$25,000.00	(\$5,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	89.00	\$8.25	\$734.25	\$5.25	\$467.25	\$267.00
621.31	SINGLE DELINEATOR WITH POST	EA	181.00	\$53.00	\$9,593.00	\$45.00	\$8,145.00	\$1,448.00
621.32	DOUBLE DELINEATOR WITH POST	EA	38.00	\$58.00	\$2,204.00	\$50.00	\$1,900.00	\$304.00



PS&E Comparison

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
628.1	SAWED CONCRETE PAVEMENT	LF	36.00	\$10.00	\$360.00	\$7.75	\$279.00	\$81.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,700.00	\$5.00	\$8,500.00	\$2.75	\$4,675.00	\$3,825.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	563,513.00	\$0.19	\$107,067.47	\$0.15	\$84,526.95	\$22,540.52
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	3,037.00	\$3.00	\$9,111.00	\$1.25	\$3,796.25	\$5,314.75
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	261.00	\$10.00	\$2,610.00	\$4.75	\$1,239.75	\$1,370.25
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,431.00	\$1.10	\$1,574.10	\$1.10	\$1,574.10	\$0.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	276.00	\$3.35	\$924.60	\$2.00	\$552.00	\$372.60
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	184.00	\$6.70	\$1,232.80	\$4.25	\$782.00	\$450.80
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	261.00	\$17.25	\$4,502.25	\$6.00	\$1,566.00	\$2,936.25
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	17.00	\$55.50	\$943.50	\$10.00	\$170.00	\$773.50
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	608.00	\$3.35	\$2,036.80	\$0.35	\$212.80	\$1,824.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	26.00	\$6.00	\$156.00	\$4.50	\$117.00	\$39.00
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	88.00	\$6.00	\$528.00	\$2.75	\$242.00	\$286.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,000.00	\$8.00	\$16,000.00	\$5.25	\$10,500.00	\$5,500.00
645.531	SILT FENCE	LF	2,000.00	\$3.50	\$7,000.00	\$3.40	\$6,800.00	\$200.00



PS&E Comparison

TROY-SWANZEY/BROOKLINE-MILFORD

43063

X-A005(030)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
645.611	BONDED FIBER MATRIX (BFM)	LB	1,500.00	\$2.50	\$3,750.00	\$2.00	\$3,000.00	\$750.00
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	2,000.00	\$2.50	\$5,000.00	\$2.00	\$4,000.00	\$1,000.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	180.00	\$25.00	\$4,500.00	\$20.00	\$3,600.00	\$900.00
670.0661	MULTIPLE MAILBOXES SUPPORT ASSEMBLIES	EA	5.00	\$1,500.00	\$7,500.00	\$360.00	\$1,800.00	\$5,700.00
692.	MOBILIZATION	U	1.00	\$200,000.00	\$200,000.00	\$208,950.00	\$208,950.00	(\$8,950.00)
698.12	FIELD OFFICE TYPE B	MON	9.00	\$2,500.00	\$22,500.00	\$1,600.00	\$14,400.00	\$8,100.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	40,300.00	\$1.00	\$40,300.00	\$1.00	\$40,300.00	\$0.00
Total:					\$3,954,653.75		\$3,528,456.25	\$426,197.50

September 18, 2021

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project is part of the Tier 2 Federal Resurfacing program and involves 13.0 miles of pavement resurfacing on two sections in five towns in Districts 4 and 5.

Section ID	Town/City	Road	Proposed Work	Length
21402	Troy- Marlborough- Swanzy	NH 12	2" full width inlay (0.6 mile), 1½" full width overlay (3.8 miles), spot inlays	4.4 miles
21502	Brookline-Milford	NH 13	¾" full width paver shim overlay (8.1 miles), 2" full width high strength inlay (0.5 mile)	8.6 miles

FEDERAL FUNDING: Pave-T2-Resurf (80%), Turnpike Toll Credit (20%)

CONTINGENCY: The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions. In addition, the sections will continue to deteriorate through the 2021-2022 winter.

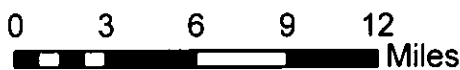
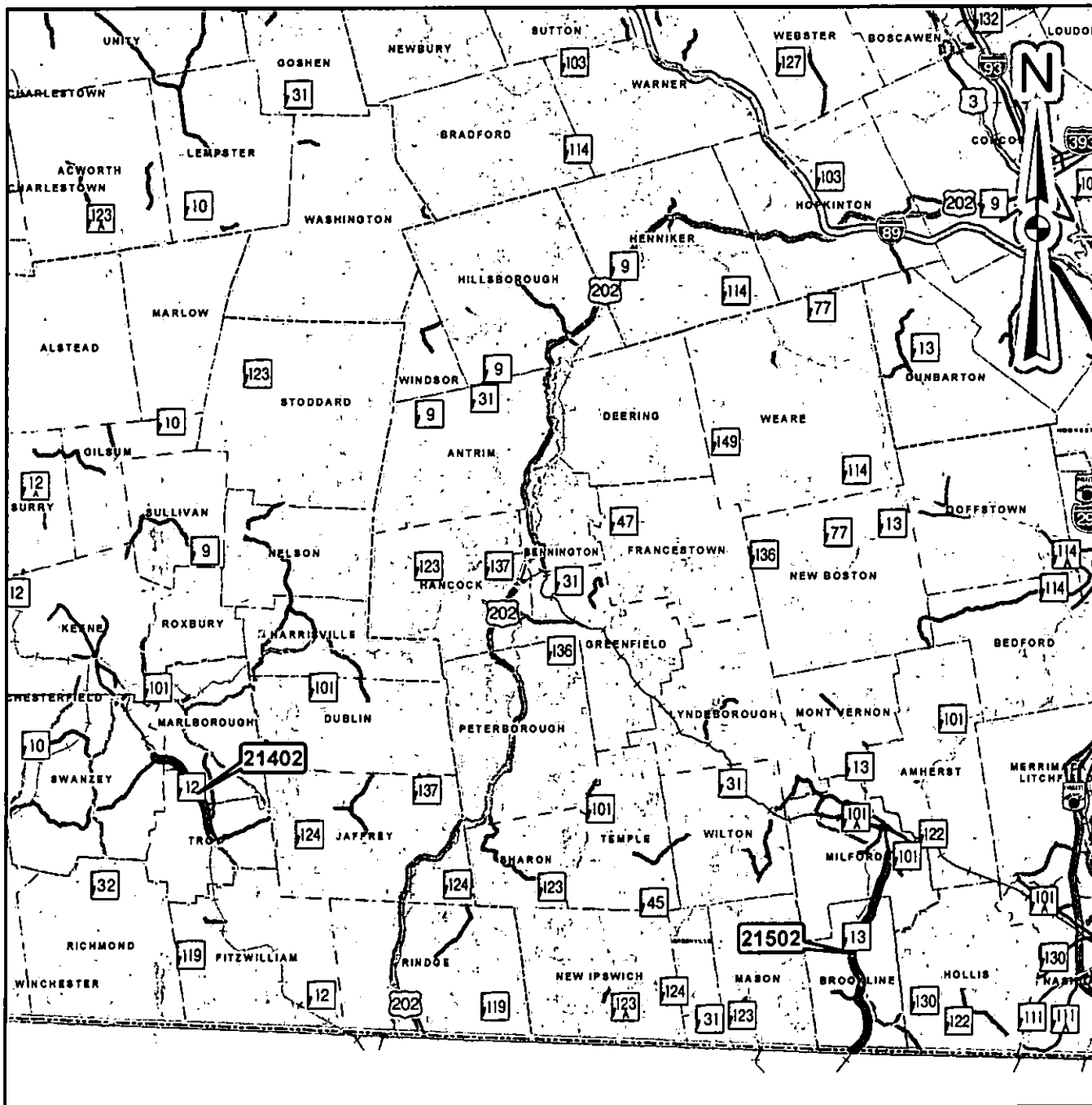
PROJECT INITIATED: This project was initiated through the State's Ten-Year Transportation Improvement Program, Paving-Tier-2-Resurfacing.

PROJECT EXPLANATION: The purpose of this project is to extend the life of the existing pavement infrastructure and minimize the need for costlier improvements in the near future. Work efforts include roadway resurfacing, upgrading guardrail, curb ramp reconstruction, sign replacements, and drainage structure adjustments.

TRAFFIC IMPLICATION: Daytime lane and shoulder closures as well as one lane, alternating two-way traffic will be implemented in all sections. Night work is required on Section 21502.

FINAL COMPLETION DATE: September 23, 2022.

43063 Troy-Swanzey, Brookline-Milford



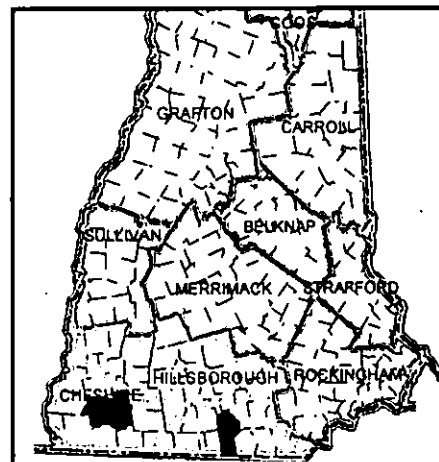
LEGEND

- Troy-Swanzey, Brookline-Milford
- Turnpikes
- Interstates
- US Routes
- State Routes
- Unnumbered Routes
- Urban Compacts

New Hampshire
DOT
 Department of Transportation

State #: 43063
 Federal #: X-A05(030)

LOCATION MAP



State of New Hampshire

Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that CONTINENTAL PAVING INC. is a New Hampshire Profit Corporation registered to transact business in New Hampshire on March 04, 1980. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 13230

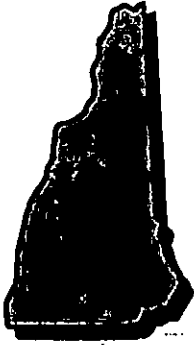
Certificate Number: 0005333418



IN TESTIMONY WHEREOF,
I hereto set my hand and cause to be affixed
the Seal of the State of New Hampshire,
this 1st day of April A.D. 2021.

A handwritten signature in black ink, appearing to read "William M. Gardner".

William M. Gardner
Secretary of State



CONTINENTAL PAVING, INC.

- Airports
- Asphalt Products
- Cold Planing
- Crushed Stone
- Portable Crushing
- Reclaiming
- Road Construction
- Site Preparation
- Water, Sewer, Drainage

Certificate of Authority #1

(A Corporation)

CORPORATE RESOLUTION

I, Morgan Hollis, hereby certify that I am duly elected Corporate Secretary of Continental Paving, Inc. I hereby certify the following is a true copy of vote taken at a meeting of the Board of Directors/shareholders, duly called and held on November 30, 2021, at which a quorum of the Directors/shareholders were present and voting.

VOTED: That Richard Charbonneau, Vice President / Treasurer is duly authorized to enter into contracts or agreements on behalf of Continental Paving, Inc. with the State of New Hampshire and any of its agencies or departments and further is authorized to execute any documents which may in his judgment be desirable or necessary to effect the purpose of this vote.

I hereby certify that said vote has not been amended or repealed and remains in full force and effect as of the date of the contract to which this certificate is attached. This authority remains valid for thirty (30) days from the date of this Corporate Resolution. I hereby certify that it is understood that the State of New Hampshire will rely on this certificate as evidence that the person listed above currently occupy the position(s) indicated and that they have full authority to bind the corporation. To the extent that there are any limits on authority of any listed individual to bind the corporation in contracts with the State of New Hampshire, all such limitations are expressly stated herein.

DATED: November 30, 2021

ATTEST: 
Morgan Hollis, Corporate Secretary



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/30/2021

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 have ADDITIONAL INSURED provisions or 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 Cross Insurance-Laconia 155 Court Street Laconia NH 03246		CONTACT NAME: Linda Tikkanen, CISR PHONE (A/C, No. Ext): (603) 524-2425 E-MAIL ADDRESS: ltikkanen@crossagency.com FAX (A/C, No): (603) 524-3666	
INSURED Continental Paving, Inc. One Continental Drive Londonderry NH 03053		INSURER(S) AFFORDING COVERAGE INSURER A: Firemen's Ins. Co. of Washington D.C. NAIC # 21784 INSURER B: Acadia Ins Co. 31325 INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: CL213449811

REVISION NUMBER:

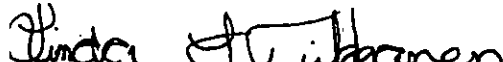
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE 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 <input checked="" type="checkbox"/> Form CG0437 - \$100,000 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			CPA0013804-37	03/31/2021	03/31/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPOP AGG \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> CA9948 <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> MCS90			CAA0013801-37	03/31/2021	03/31/2022	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 DED RETENTION \$			CUA5295253-14	03/31/2021	03/31/2022	EACH OCCURRENCE \$ 15,000,000 AGGREGATE \$ 15,000,000 \$
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	WPA0013797-38	03/31/2021	03/31/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000

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

Workers Compensation 3A States: NH, MA, ME
 Job Reference: #43063 X-A005(030) Troy-Swanzey/Brookline-Milford
 The State of New Hampshire, D.O.T is listed as additional Insured on a primary and non contributory basis for both ongoing and completed operations when required in a written contract. Waiver of Subrogation applies except where prohibited by state statute.

CERTIFICATE HOLDER**CANCELLATION**

State of New Hampshire Department of Transportation P.O. Box 483 7 Hazen Drive Concord NH 03301	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 
--	---



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/30/2021

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 have ADDITIONAL INSURED provisions or 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 NAME: Linda Tikkanen, CISR	
Cross Insurance-Laconia		PHONE (A/C, No, Ext): (603) 524-2425	FAX (A/C, No): (603) 524-3666
155 Court Street		E-MAIL ADDRESS: ltikkanen@crossagency.com	
Laconia		INSURER(S) AFFORDING COVERAGE	
NH 03246		INSURER A: Acadia Ins Co.	NAIC # 31325
INSURED		INSURER B:	
STATE OF NEW HAMPSHIRE, DEPT. OF TRANSPORTATION		INSURER C:	
7 HAZEN DRIVE		INSURER D:	
JOHN O. MORTON BUILDING		INSURER E:	
CONCORD		INSURER F:	
NH 03302			

COVERAGES

CERTIFICATE NUMBER: CL21112277096

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 SUBR INSP WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors Protective		OCP5502450-10	11/30/2021	11/30/2022	EACH OCCURRENCE \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:					DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COM/OP AGG \$ CHG \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
	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 <input type="checkbox"/>	N/A			PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

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

Job Reference: Troy-Swanzey/Brookline-Milford X-A005(030) 43063

CERTIFICATE HOLDER**CANCELLATION**

State of New Hampshire Department of Transportation
 P.O. Box 483
 7 Hazen Drive
 Concord

NH 03301

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

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