



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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
April 2, 2018

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 \$4,175,387.00 for pavement rehabilitation along 2.2 miles of NH 101/I-293 from the intersection of NH 114/Boynton Street (MM: 52.4) to the nose of the ramps from the northbound F.E. Everett Turnpike (FEET), from the date of Governor and Council approval through September 28, 2018 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2018 and 2019 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 2018</u>	<u>FY 2019</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$600,000.00	\$3,575,387.00

2. Further authorize that a contingency in the amount of \$208,769.35 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 2018</u>	<u>FY 2019</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$0.00	\$208,769.35

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Tier 1 Pavement Preservation Program and Guardrail Rehabilitation and Replacement Program. This project consists of pavement rehabilitation including sections of 1-½" HMA overlays and up to 2" HMA inlays located on NH 101/I-293 beginning at the intersection of NH 114/Boynton Street (MM: 52.4) and extends easterly 2.2 miles to the nose of the ramps from the northbound F.E. Everett Turnpike (FEET). The work includes the on & off ramps to Kilton Road/US 3, on & off ramps to Meetinghouse Road/US 3, on & off ramp to US 3, and all ramps to/from the F.E. Everett Turnpike, northbound and southbound. The work also includes replacement of guardrail, adjusting drainage structures, drainage structure replacement, barrier for pier protection and new asphaltic plug expansion joints.

Page 2

Portions of NH 101 were last inlaid in 2008 along with all the ramps from the F.E.E.T. to NH 101/I-293. This project will resurface NH 101 due to varying pavement conditions throughout the project limits. Some areas are in fair to good condition with minimal cracking, while other areas are in poor condition with thermal, block, and longitudinal cracking. Alligator cracking, potholes, and delamination occur in other areas. Treating the entire project limit rather than just the poor condition sections will get this length of NH 101 on the same paving timetable.

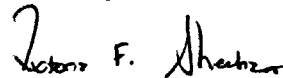
The proposed contingency amount is 5% of the contract amount. This is due to no survey work being performed for this project, resulting in a higher uncertainty of the accuracies of field guardrail measurements. Pavement quantities may be impacted by the lack of survey as well, but to a much lesser extent due to the shorter distances to measure the width of the roadway and utilizing previously constructed as-built plans.

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 funds with 20% state match. Turnpike toll credit is being utilized for match requirements, 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.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$4,205,313.05
Contract Amount: \$4,175,387.00
Under Estimate: \$ 29,926.05
Attachments

February 27, 2018

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of pavement rehabilitation including sections of 1-½" HMA overlays and up to 2" HMA inlays located on NH 101/I-293 beginning at the intersection of NH 114/Boynton Street (MM: 52.4) and extends easterly 2.2 miles to the nose of the ramps from the northbound F.E. Everett Turnpike (FEET). The work includes the on & off ramps to Kilton Road/US 3, on & off ramps to Meetinghouse Road/US 3, on & off ramp to US 3, and all ramps to/from the F.E. Everett Turnpike, northbound and southbound. The work also includes replacement of guardrail, adjusting drainage structures, drainage structure replacement, barrier for pier protection and new asphaltic plug expansion joints.

FEDERAL FUNDING: 80% (Tier 1 Pavement Preservation Program and Guardrail Rehabilitation and Replacement Program) utilizing Turnpike Toll credits as the State's 20% match.

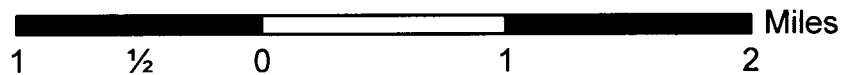
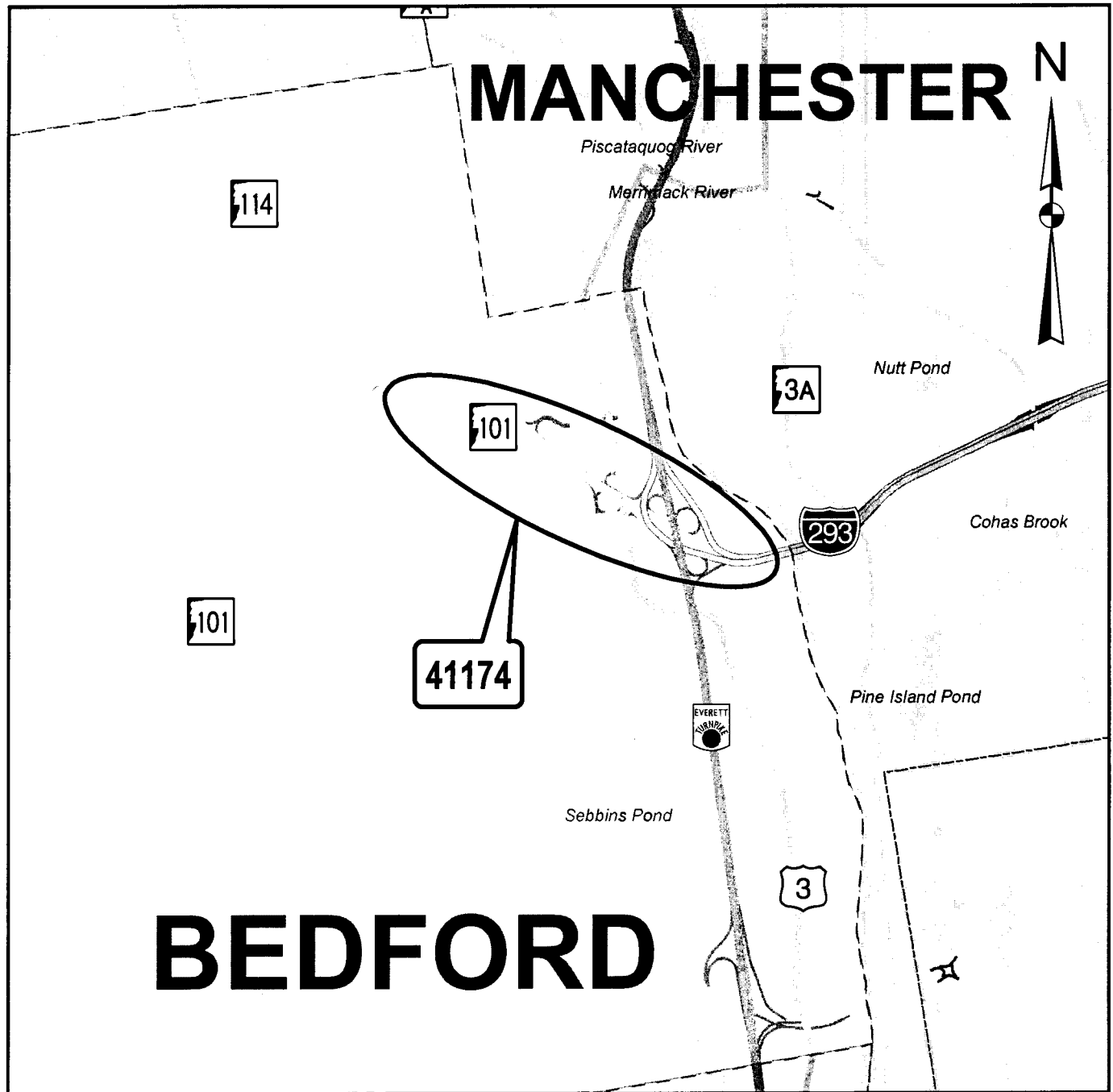
CONTINGENCY: The proposed contingency amount is 5% of the contract amount. This is due to no survey work being performed for this project, resulting in a higher uncertainty of the accuracies of field guardrail measurements. Pavement quantities may be impacted by the lack of survey as well, but to a much lesser extent due to the shorter distances to measure the width of the roadway and utilizing previously constructed as-built plans.

PROJECT INITIATED: This project is part of the 2018 Tier 1 Preservation Program.

PROJECT EXPLANATION: Portions of NH 101 were last inlaid in 2008 along with all the ramps from the F.E.E.T. to NH 101/I-293. This project will resurface NH 101 due to varying pavement conditions throughout the project limits. Some areas are in fair to good condition with minimal cracking, while other areas are in poor condition with thermal, block, and longitudinal cracking. Alligator cracking, potholes, and delamination occur in other areas. Treating the entire project limit rather than just the poor condition sections will get this length of NH 101 on the same paving timetable.

TRAFFIC IMPLICATIONS: This project will be primarily constructed at night. Lane closures will be utilized while cold planing and paving along the mainline. Ramps will be closed, one at a time, for resurfacing activities with signed detours. Daytime activities along NH 101/I-293, such as drainage structure adjustments and guardrail installation, will utilize lane shifts.

COMPLETION DATE: September 28, 2018

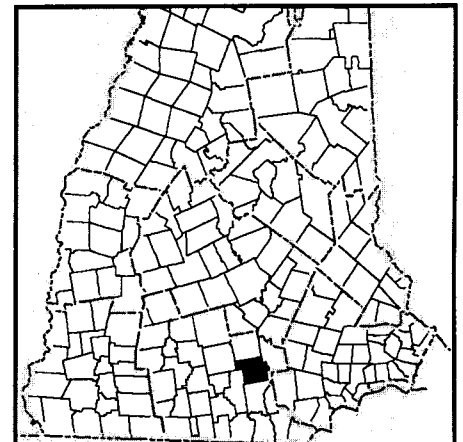


LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 41174
 Federal #: X-A004(556)
LOCATION MAP



ABC Bid Data

BEDFORD
41174
X-A004(556)

PROJECT:	BEDFORD	Awarded To:	CONTINENTAL PAVING INC
STATE PROJECT NUMBER:	41174		1 CONTINENTAL DRIVE
FED. PROJECT NUMBER:	X-A004(556)		LONDONDERRY, NH 03053
DATE BIDS OPEN:	March 22, 2018, 2:00	Amount:	\$4,175,387.00
SCOPE OF WORK:	Pavement Preservation NH 101 and I-293 including ramps at I-293, Kilton Road and US 3.	Certified by:	PETER E. STAMINAS
COMPLETION DATE:	September 28, 2018		Director of Project Development
LOCATION:	Hillsborough	Award Date:	

Summary of Bidders

Contractor	Bid Amount	Rank
CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE, LONDONDERRY NH 03053	\$4,175,387.00	A
BROX INDUSTRIES, INC. 1471 METHUEN STREET, DRACUT MA 01826	\$4,555,182.00	B
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$5,198,932.80	C

Item No.	Description	Unit	Quantity	PS&E		CONTINENTAL PAVING INC CONTINENTAL DRIVE LONDONDERRY, NH 03053		BROOK INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	1,300.00	\$0.75	\$975.00	\$5.00	\$6,500.00	\$5.35	\$6,955.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	150.00	\$2.00	\$300.00	\$10.00	\$1,500.00	\$10.75	\$1,612.50
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	140.00	\$12.75	\$1,785.00	\$10.00	\$1,400.00	\$37.50	\$5,250.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	2.00	\$210.00	\$420.00	\$350.00	\$700.00	\$800.00	\$1,600.00
202.7	REMOVAL OF GUARDRAIL	LF	21,300.00	\$2.00	\$42,600.00	\$1.25	\$26,625.00	\$2.15	\$45,785.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	130.00	\$20.00	\$2,600.00	\$10.00	\$1,300.00	\$37.50	\$4,875.00
202.843	REMOVAL OF LIGHT POLE	U	32.00	\$835.00	\$26,720.00	\$400.00	\$12,800.00	\$720.00	\$23,040.00
203.1	COMMON EXCAVATION	CY	60.00	\$25.00	\$1,500.00	\$40.00	\$2,400.00	\$40.00	\$2,400.00
203.55542	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL	U	16.00	\$1,150.00	\$18,400.00	\$1,200.00	\$19,200.00	\$1,500.00	\$24,000.00
203.55552	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL	U	1.00	\$820.00	\$820.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$30.00	\$300.00	\$100.00	\$1,000.00	\$53.00	\$530.00
206.2	ROCK STRUCTURE EXCAVATION	CY	45.00	\$120.00	\$5,400.00	\$75.00	\$3,375.00	\$240.00	\$10,800.00
304.201	GRAVEL	CY	180.00	\$41.00	\$7,380.00	\$35.00	\$6,300.00	\$40.00	\$7,200.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	70.00	\$24.75	\$1,732.50	\$45.00	\$3,150.00	\$45.00	\$3,150.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,700.00	\$20.00	\$54,000.00	\$18.00	\$48,600.00	\$30.00	\$81,000.00
403.11901	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 1)	TON	13,500.00	\$76.00	\$1,026,000.00	\$78.50	\$1,059,750.00	\$77.50	\$1,046,250.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	7,200.00	\$78.00	\$561,600.00	\$90.00	\$648,000.00	\$80.50	\$579,600.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	260.00	\$140.00	\$36,400.00	\$115.00	\$29,900.00	\$140.00	\$36,400.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	20,700.00	\$1.50	\$31,050.00	\$1.25	\$25,875.00	\$3.00	\$62,100.00
403.6	PAVEMENT JOINT ADHESIVE	LF	134,800.00	\$0.25	\$33,650.00	\$0.22	\$29,612.00	\$0.40	\$53,840.00
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	3,100.00	\$2.75	\$8,525.00	\$0.75	\$2,325.00	\$1.75	\$5,425.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	11,100.00	\$3.25	\$36,075.00	\$3.00	\$33,300.00	\$5.00	\$55,500.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	85,500.00	\$1.75	\$149,625.00	\$1.75	\$149,625.00	\$3.50	\$307,800.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	28,400.00	\$0.30	\$8,520.00	\$0.75	\$21,300.00	\$0.85	\$24,140.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	28,400.00	\$2.00	\$56,800.00	\$1.75	\$49,700.00	\$1.55	\$44,020.00
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	270.00	\$15.00	\$4,050.00	\$13.00	\$3,510.00	\$15.00	\$4,050.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	290.00	\$137.50	\$39,875.00	\$115.00	\$33,350.00	\$125.00	\$36,250.00
585.3	STONE FILL, CLASS C	CY	13.00	\$41.00	\$533.00	\$40.00	\$520.00	\$75.00	\$975.00
593.121	GEOTEXTILE; SUBSUR DRAIN CL 2, NON-WOVEN	SY	23.00	\$2.00	\$46.00	\$10.00	\$230.00	\$7.00	\$161.00

Item No.	Description	Unit	Quantity	PS&E			CONTINENTAL PAVING INC 1471 METHUEN STREET LONDONDERRY, NH 03053			BROX INDUSTRIES, INC 1471 METHUEN STREET DRACUT, MA 01826		
				Unit Price	Total		Unit Price	Total		Unit Price	Total	
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	37.00	\$2.15	\$79.55		\$10.00	\$370.00		\$5.50	\$203.50	
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	3.00	\$195.00	\$585.00		\$300.00	\$900.00		\$600.00	\$1,800.00	
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	90.00	\$65.00	\$5,850.00		\$100.00	\$9,000.00		\$65.00	\$5,850.00	
604.0007	POLYETHYLENE LINER	EA	38.00	\$160.00	\$6,080.00		\$110.00	\$4,180.00		\$125.00	\$4,750.00	
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	2.00	\$2,200.00	\$4,400.00		\$2,000.00	\$4,000.00		\$2,000.00	\$4,000.00	
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	150.00	\$425.00	\$63,750.00		\$400.00	\$60,000.00		\$375.00	\$56,250.00	
604.72	GRATES & FRAMES, TYPE B	EA	10.00	\$475.00	\$4,750.00		\$600.00	\$6,000.00		\$575.00	\$5,750.00	
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	390.00	\$10.00	\$3,900.00		\$13.00	\$5,070.00		\$13.00	\$5,070.00	
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	15.00	\$57.00	\$855.00		\$101.00	\$1,515.00		\$105.00	\$1,575.00	
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	15.00	\$10.00	\$150.00		\$15.00	\$225.00		\$15.00	\$225.00	
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGR, TL 3) (STEEL POST)	U	16.00	\$2,100.00	\$33,600.00		\$2,500.00	\$40,000.00		\$2,500.00	\$40,000.00	
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGR, TL 2) (STEEL POST)	U	1.00	\$1,920.00	\$1,920.00		\$2,200.00	\$2,200.00		\$2,250.00	\$2,250.00	
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	18.00	\$550.00	\$9,900.00		\$750.00	\$13,500.00		\$800.00	\$14,400.00	
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	19,300.00	\$16.50	\$318,450.00		\$21.00	\$405,300.00		\$19.50	\$376,350.00	
606.28001	31" DOUBLE FACED W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	850.00	\$25.00	\$21,250.00		\$29.00	\$24,650.00		\$28.00	\$23,800.00	
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	3.00	\$3,060.00	\$9,180.00		\$3,500.00	\$10,500.00		\$3,500.00	\$10,500.00	
606.41252	54" SINGLE SLOPE CONCRETE BARRIER (PRECAST) TRANSITION TO BEAM GUARDRAIL	U	3.00	\$6,000.00	\$18,000.00		\$5,000.00	\$15,000.00		\$1,500.00	\$4,500.00	
606.4135	54" SINGLE SLOPE CONCRETE BARRIER, PRECAST	LF	200.00	\$150.00	\$30,000.00		\$140.00	\$28,000.00		\$125.00	\$25,000.00	
606.9127	RESETTING TERMINAL UNIT (TYPE G-2)(STEEL POST)	U	1.00	\$335.00	\$335.00		\$200.00	\$200.00		\$175.00	\$175.00	
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	1,500.00	\$5.00	\$7,500.00		\$9.00	\$13,500.00		\$9.00	\$13,500.00	
608.28	8" CONCRETE SIDEWALK (F)	SY	210.00	\$58.50	\$12,285.00		\$55.00	\$11,550.00		\$50.00	\$10,500.00	
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	1,700.00	\$18.00	\$30,600.00		\$17.00	\$28,900.00		\$20.00	\$34,000.00	
609.5	RESET GRANITE CURB	LF	1,250.00	\$9.00	\$11,250.00		\$8.00	\$10,000.00		\$10.00	\$12,500.00	
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	6,600.00	\$5.00	\$33,000.00		\$4.00	\$26,400.00		\$5.00	\$33,000.00	
614.331	3" STEEL CONDUIT	LF	50.00	\$26.00	\$1,300.00		\$33.00	\$1,650.00		\$30.00	\$1,500.00	
614.523	MOLDED PULL BOX 17"X30"	EA	2.00	\$410.00	\$820.00		\$750.00	\$1,500.00		\$950.00	\$1,900.00	
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,050.00	\$25.00	\$26,250.00		\$14.00	\$14,700.00		\$15.00	\$15,750.00	
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	12.00	\$850.00	\$10,200.00		\$850.00	\$10,200.00		\$800.00	\$9,600.00	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	190,000.00	\$1.00	\$190,000.00		\$1.00	\$190,000.00		\$1.00	\$190,000.00	
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$200,000.00	\$200,000.00		\$250,000.00	\$250,000.00		\$300,000.00	\$300,000.00	
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	7.00	\$2,600.00	\$18,200.00		\$2,500.00	\$17,500.00		\$4,000.00	\$28,000.00	

Item No.	Description	Unit	Quantity	PS&E		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03053		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,500.00	\$5,000.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00
619.83	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$22,800.00	\$45,600.00	\$5,000.00	\$10,000.00	\$25,000.00	\$50,000.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	3.00	\$10.00	\$30.00	\$5.00	\$15.00	\$5.00	\$15.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	320.00	\$4.50	\$1,440.00	\$5.00	\$1,600.00	\$5.00	\$1,600.00
621.31	SINGLE DELINEATOR WITH POST	EA	340.00	\$36.50	\$12,410.00	\$35.00	\$11,900.00	\$35.00	\$11,900.00
621.32	DOUBLE DELINEATOR WITH POST	EA	20.00	\$40.70	\$814.00	\$40.00	\$800.00	\$40.00	\$800.00
622.1	STEEL WITNESS MARKERS	EA	3.00	\$31.00	\$93.00	\$35.00	\$105.00	\$75.00	\$225.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,900.00	\$1.60	\$4,640.00	\$1.00	\$2,900.00	\$1.00	\$2,900.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	95,000.00	\$0.17	\$16,150.00	\$0.15	\$14,250.00	\$0.15	\$14,250.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	3,800.00	\$1.00	\$3,600.00	\$1.00	\$3,600.00	\$0.65	\$2,340.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	8,800.00	\$1.75	\$15,400.00	\$1.00	\$8,800.00	\$1.00	\$8,800.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	300.00	\$2.00	\$600.00	\$2.00	\$600.00	\$2.00	\$600.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	8,400.00	\$3.25	\$27,300.00	\$2.00	\$16,800.00	\$2.00	\$16,800.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	190.00	\$4.00	\$760.00	\$4.00	\$760.00	\$4.00	\$760.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	900.00	\$7.00	\$6,300.00	\$10.00	\$9,000.00	\$10.00	\$9,000.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	44,000.00	\$0.52	\$22,880.00	\$0.40	\$17,600.00	\$0.50	\$22,000.00
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	250.00	\$2.50	\$625.00	\$3.00	\$750.00	\$2.00	\$500.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	4,800.00	\$4.25	\$20,400.00	\$6.00	\$28,800.00	\$3.50	\$16,800.00
645.611	BONDED FIBER MATRIX (BFM)	LB	5,300.00	\$1.50	\$7,950.00	\$2.00	\$10,600.00	\$1.25	\$6,625.00
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	2.00	\$1,500.00	\$3,000.00	\$1,600.00	\$3,200.00	\$1,200.00	\$2,400.00
647.1	HUMUS	CY	710.00	\$20.00	\$14,200.00	\$25.00	\$17,750.00	\$35.00	\$24,850.00
678.201	IMPACT ATTENUATOR FOUNDATION PAD	U	6.00	\$4,000.00	\$24,000.00	\$5,000.00	\$30,000.00	\$3,500.00	\$21,000.00
678.233	LOW MAINTENANCE/SELF-RESTORING IMPACT ATTENUATION DEVICE, TL 3	U	6.00	\$33,000.00	\$198,000.00	\$26,000.00	\$156,000.00	\$22,600.00	\$135,600.00
692.	MOBILIZATION	U	1.00	\$350,000.00	\$350,000.00	\$205,000.00	\$205,000.00	\$300,000.00	\$300,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00
698.13	FIELD OFFICE TYPE C	MON	7.00	\$2,000.00	\$14,000.00	\$2,000.00	\$14,000.00	\$2,000.00	\$14,000.00
899.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$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	\$1.00	\$40,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00
Totals:				\$4,205,313.05		\$4,175,387.00		\$4,555,182.00	

Item No.	Description	Unit	Quantity	PS&E			CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03053			BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826		
				Unit Price	Total		Unit Price	Total		Unit Price	Total	
Alt. Totals:												
Totals:					\$4,205,313.05			\$4,175,387.00			\$4,555,182.00	

Item No.	Description	Unit	Quantity	PS&E		PIKE INDUSTRIES, INC. 3 PARKSIDE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	1,300.00	\$0.75	\$975.00	\$2.50	\$3,250.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	150.00	\$2.00	\$300.00	\$4.50	\$675.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	140.00	\$12.75	\$1,785.00	\$15.00	\$2,100.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	2.00	\$210.00	\$420.00	\$355.00	\$710.00
202.7	REMOVAL OF GUARDRAIL	LF	21,300.00	\$2.00	\$42,600.00	\$2.50	\$53,250.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	130.00	\$20.00	\$2,600.00	\$18.00	\$2,340.00
202.843	REMOVAL OF LIGHT POLE	U	32.00	\$835.00	\$26,720.00	\$450.00	\$14,400.00
203.1	COMMON EXCAVATION	CY	60.00	\$25.00	\$1,500.00	\$50.00	\$3,000.00
203.55542	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL	U	16.00	\$1,150.00	\$18,400.00	\$1,350.00	\$21,600.00
203.55552	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL	U	1.00	\$820.00	\$820.00	\$1,200.00	\$1,200.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$30.00	\$300.00	\$45.00	\$450.00
206.2	ROCK STRUCTURE EXCAVATION	CY	45.00	\$120.00	\$5,400.00	\$70.00	\$3,150.00
304.201	GRAVEL	CY	180.00	\$41.00	\$7,380.00	\$38.00	\$6,840.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	70.00	\$24.75	\$1,732.50	\$45.50	\$3,185.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,700.00	\$20.00	\$54,000.00	\$30.00	\$81,000.00
403.11901	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 1)	TON	13,500.00	\$75.00	\$1,026,000.00	\$82.50	\$1,113,750.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	7,200.00	\$78.00	\$561,600.00	\$82.00	\$590,400.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	280.00	\$140.00	\$39,200.00	\$150.00	\$42,000.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	20,700.00	\$1.50	\$31,050.00	\$4.00	\$82,800.00
403.6	PAVEMENT JOINT ADHESIVE	LF	134,600.00	\$0.25	\$33,650.00	\$0.26	\$34,996.00
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	3,100.00	\$2.75	\$8,525.00	\$0.66	\$2,046.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	11,100.00	\$3.25	\$36,075.00	\$4.50	\$49,950.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	85,500.00	\$1.75	\$149,625.00	\$2.50	\$213,750.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	28,400.00	\$0.30	\$8,520.00	\$0.80	\$22,720.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	28,400.00	\$2.00	\$56,800.00	\$2.25	\$63,900.00
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	270.00	\$15.00	\$4,050.00	\$25.00	\$6,750.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	290.00	\$137.50	\$39,875.00	\$140.00	\$40,600.00
585.3	STONE FILL, CLASS C	CY	13.00	\$41.00	\$533.00	\$60.00	\$780.00
593.121	GEOTEXTILE; SUBSUR DRAIN CL.2. NON-WOVEN	SY	23.00	\$2.00	\$46.00	\$4.50	\$103.50

Item No.	Description	Unit	Quantity	PS&E			PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		
				Unit Price	Total		Unit Price	Total	Unit Price
593.421	GEOTEXTILE; PERM CONTROL CL-2, NON-WOVEN	SY	37.00	\$2.15	\$79.55		\$3.00	\$111.00	
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	3.00	\$195.00	\$585.00		\$225.00	\$675.00	
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	90.00	\$65.00	\$5,850.00		\$62.00	\$5,580.00	
604.0007	POLYETHYLENE LINER	EA	38.00	\$160.00	\$6,080.00		\$140.00	\$5,320.00	
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	2.00	\$2,200.00	\$4,400.00		\$2,500.00	\$5,000.00	
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	150.00	\$425.00	\$63,750.00		\$425.00	\$63,750.00	
604.72	GRATES & FRAMES, TYPE B	EA	10.00	\$475.00	\$4,750.00		\$550.00	\$5,500.00	
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	390.00	\$10.00	\$3,900.00		\$14.00	\$5,460.00	
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	15.00	\$57.00	\$855.00		\$110.00	\$1,650.00	
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	15.00	\$10.00	\$150.00		\$16.00	\$240.00	
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	16.00	\$2,100.00	\$33,600.00		\$2,700.00	\$43,200.00	
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$1,920.00	\$1,920.00		\$2,400.00	\$2,400.00	
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	18.00	\$550.00	\$9,900.00		\$800.00	\$14,400.00	
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	19,300.00	\$16.50	\$318,450.00		\$25.00	\$482,500.00	
606.28001	31" DOUBLE FACED W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	850.00	\$25.00	\$21,250.00		\$32.00	\$27,200.00	
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	3.00	\$3,060.00	\$9,180.00		\$4,500.00	\$13,500.00	
606.41252	54" SINGLE SLOPE CONCRETE BARRIER (PRECAST) TRANSITION TO BEAM GUARDRAIL	U	3.00	\$6,000.00	\$18,000.00		\$6,200.00	\$18,600.00	
606.4135	54" SINGLE SLOPE CONCRETE BARRIER, PRECAST	LF	200.00	\$150.00	\$30,000.00		\$165.00	\$33,000.00	
606.9127	RESETTING TERMINAL UNIT (TYPE G-2)(STEEL POST)	U	1.00	\$335.00	\$335.00		\$180.00	\$180.00	
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	1,500.00	\$5.00	\$7,500.00		\$10.00	\$15,000.00	
608.28	8" CONCRETE SIDEWALK (F)	SY	210.00	\$58.50	\$12,285.00		\$55.00	\$11,550.00	
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	1,700.00	\$18.00	\$30,600.00		\$18.00	\$30,600.00	
609.5	RESET GRANITE CURB	LF	1,250.00	\$9.00	\$11,250.00		\$10.00	\$12,500.00	
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	6,600.00	\$5.00	\$33,000.00		\$6.00	\$39,600.00	
614.331	3" STEEL CONDUIT	LF	50.00	\$26.00	\$1,300.00		\$32.00	\$1,600.00	
614.523	MOLDED PULL BOX 17"X30"	EA	2.00	\$410.00	\$820.00		\$1,200.00	\$2,400.00	
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,050.00	\$25.00	\$26,250.00		\$16.00	\$16,800.00	
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	12.00	\$850.00	\$10,200.00		\$1,100.00	\$13,200.00	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	190,000.00	\$1.00	\$190,000.00		\$1.00	\$190,000.00	
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$200,000.00	\$200,000.00		\$365,000.00	\$365,000.00	
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	7.00	\$2,600.00	\$18,200.00		\$5,500.00	\$38,500.00	

Item No.	Description	Unit	Quantity	PS&E			PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		
				Unit Price	Total		Unit Price	Total	Unit Price
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,500.00	\$5,000.00		\$3,500.00	\$7,000.00	
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$22,800.00	\$45,600.00		\$17,500.00	\$35,000.00	
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	3.00	\$10.00	\$30.00		\$5.60	\$16.80	
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	320.00	\$4.50	\$1,440.00		\$5.60	\$1,792.00	
621.31	SINGLE DELINEATOR WITH POST	EA	340.00	\$36.50	\$12,410.00		\$38.50	\$13,090.00	
621.32	DOUBLE DELINEATOR WITH POST	EA	20.00	\$40.70	\$814.00		\$45.00	\$900.00	
622.1	STEEL WITNESS MARKERS	EA	3.00	\$31.00	\$93.00		\$30.00	\$90.00	
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,900.00	\$1.60	\$4,640.00		\$3.25	\$9,425.00	
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	95,000.00	\$0.17	\$16,150.00		\$0.15	\$14,250.00	
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	3,600.00	\$1.00	\$3,600.00		\$1.50	\$5,400.00	
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	8,800.00	\$1.75	\$15,400.00		\$1.10	\$9,680.00	
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	300.00	\$2.00	\$600.00		\$2.10	\$630.00	
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	8,400.00	\$3.25	\$27,300.00		\$2.10	\$17,640.00	
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	190.00	\$4.00	\$760.00		\$4.25	\$807.50	
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	900.00	\$7.00	\$6,300.00		\$10.00	\$9,000.00	
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	44,000.00	\$0.52	\$22,880.00		\$0.35	\$15,400.00	
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	250.00	\$2.50	\$625.00		\$2.00	\$500.00	
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	4,800.00	\$4.25	\$20,400.00		\$4.50	\$21,600.00	
645.811	BONDED FIBER MATRIX (BFM)	LB	5,300.00	\$1.50	\$7,950.00		\$3.00	\$15,900.00	
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	2.00	\$1,500.00	\$3,000.00		\$2,000.00	\$4,000.00	
647.1	HUMUS	CY	710.00	\$20.00	\$14,200.00		\$40.00	\$28,400.00	
678.201	IMPACT ATTENUATOR FOUNDATION PAD	U	6.00	\$4,000.00	\$24,000.00		\$4,200.00	\$25,200.00	
678.233	LOW MAINTENANCE/SELF-RESTORING IMPACT ATTENUATION DEVICE, TL 3	U	6.00	\$33,000.00	\$198,000.00		\$40,000.00	\$240,000.00	
692.	MOBILIZATION	U	1.00	\$350,000.00	\$350,000.00		\$525,000.00	\$525,000.00	
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$3,000.00	\$3,000.00		\$3,000.00	\$3,000.00	
698.13	FIELD OFFICE TYPE C	MON	7.00	\$2,000.00	\$14,000.00		\$3,500.00	\$24,500.00	
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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	\$	50,000.00	\$1.00	\$50,000.00		\$1.00	\$50,000.00	
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	80,000.00	\$1.00	\$80,000.00		\$1.00	\$80,000.00	
Totals:				\$4,205,313.05			\$5,198,932.80		

Item No.	Description	Unit	Quantity	PS&E			PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220					
				Unit Price	Total		Unit Price	Total		Unit Price	Total	
Alt. Totals:												
Totals:				\$4,205,313.05			\$5,198,932.80					

PS&E Comparison

BEDFORD
 41174
 X-A004(556)

PS&E							
A-Bidder				PS&E			
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
Items							
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	1,300.00	\$5.00	\$6,500.00	\$0.75	\$975.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	150.00	\$10.00	\$1,500.00	\$2.00	\$300.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	140.00	\$10.00	\$1,400.00	\$12.75	\$1,785.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	2.00	\$350.00	\$700.00	\$210.00	\$420.00
202.7	REMOVAL OF GUARDRAIL	LF	21,300.00	\$1.25	\$26,625.00	\$2.00	\$42,600.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	130.00	\$10.00	\$1,300.00	\$20.00	\$2,600.00
202.843	REMOVAL OF LIGHT POLE	U	32.00	\$400.00	\$12,800.00	\$835.00	\$26,720.00
203.1	COMMON EXCAVATION	CY	60.00	\$40.00	\$2,400.00	\$25.00	\$1,500.00
203.55542	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL	U	16.00	\$1,200.00	\$19,200.00	\$1,150.00	\$18,400.00
203.55552	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL	U	1.00	\$1,200.00	\$1,200.00	\$820.00	\$820.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$100.00	\$1,000.00	\$30.00	\$300.00
206.2	ROCK STRUCTURE EXCAVATION	CY	45.00	\$75.00	\$3,375.00	\$120.00	\$5,400.00
304.201	GRAVEL	CY	180.00	\$35.00	\$6,300.00	\$41.00	\$7,380.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	70.00	\$45.00	\$3,150.00	\$24.75	\$1,732.50
							\$1,417.50

304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,700.00	\$18.00	\$48,600.00	\$20.00	\$54,000.00	(\$5,400.00)
403.11901	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 1)	TON	13,500.00	\$78.50	\$1,059,750.00	\$76.00	\$1,026,000.00	\$33,750.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	7,200.00	\$90.00	\$648,000.00	\$78.00	\$561,600.00	\$86,400.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	260.00	\$115.00	\$29,900.00	\$140.00	\$36,400.00	(\$6,500.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	20,700.00	\$1.25	\$25,875.00	\$1.50	\$31,050.00	(\$5,175.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	134,600.00	\$0.22	\$29,612.00	\$0.25	\$33,650.00	(\$4,038.00)
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	3,100.00	\$0.75	\$2,325.00	\$2.75	\$8,525.00	(\$6,200.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	11,100.00	\$3.00	\$33,300.00	\$3.25	\$36,075.00	(\$2,775.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	85,500.00	\$1.75	\$149,625.00	\$1.75	\$149,625.00	\$0.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	28,400.00	\$0.75	\$21,300.00	\$0.30	\$8,520.00	\$12,780.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	28,400.00	\$1.75	\$49,700.00	\$2.00	\$56,800.00	(\$7,100.00)
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	270.00	\$13.00	\$3,510.00	\$15.00	\$4,050.00	(\$540.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	290.00	\$115.00	\$33,350.00	\$137.50	\$39,875.00	(\$6,525.00)
585.3	STONE FILL, CLASS C	CY	13.00	\$40.00	\$520.00	\$41.00	\$533.00	(\$13.00)
593.121	GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN	SY	23.00	\$10.00	\$230.00	\$2.00	\$46.00	\$184.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	37.00	\$10.00	\$370.00	\$2.15	\$79.55	\$290.45
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	3.00	\$300.00	\$900.00	\$195.00	\$585.00	\$315.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	90.00	\$100.00	\$9,000.00	\$65.00	\$5,850.00	\$3,150.00
604.0007	POLYETHYLENE LINER	EA	38.00	\$110.00	\$4,180.00	\$160.00	\$6,080.00	(\$1,900.00)
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	2.00	\$2,000.00	\$4,000.00	\$2,200.00	\$4,400.00	(\$400.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	150.00	\$400.00	\$60,000.00	\$425.00	\$63,750.00	(\$3,750.00)
604.72	GRATES & FRAMES, TYPE B	EA	10.00	\$600.00	\$6,000.00	\$475.00	\$4,750.00	\$1,250.00

606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	390.00	\$13.00	\$5,070.00	\$10.00	\$3,900.00	\$1,170.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	15.00	\$101.00	\$1,515.00	\$57.00	\$855.00	\$660.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	15.00	\$15.00	\$225.00	\$10.00	\$150.00	\$75.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	16.00	\$2,500.00	\$40,000.00	\$2,100.00	\$33,600.00	\$6,400.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$2,200.00	\$2,200.00	\$1,920.00	\$1,920.00	\$280.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	18.00	\$750.00	\$13,500.00	\$550.00	\$9,900.00	\$3,600.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	19,300.00	\$21.00	\$405,300.00	\$16.50	\$318,450.00	\$86,850.00
606.28001	31" DOUBLE FACED W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	850.00	\$29.00	\$24,650.00	\$25.00	\$21,250.00	\$3,400.00
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	3.00	\$3,500.00	\$10,500.00	\$3,060.00	\$9,180.00	\$1,320.00
606.41252	54" SINGLE SLOPE CONCRETE BARRIER (PRECAST) TRANSITION TO BEAM GUARDRAIL	U	3.00	\$5,000.00	\$15,000.00	\$6,000.00	\$18,000.00	(\$3,000.00)
606.4135	54" SINGLE SLOPE CONCRETE BARRIER, PRECAST	LF	200.00	\$140.00	\$28,000.00	\$150.00	\$30,000.00	(\$2,000.00)
606.9127	RESETTING TERMINAL UNIT (TYPE G-2) (STEEL POST)	U	1.00	\$200.00	\$200.00	\$335.00	\$335.00	(\$135.00)
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	1,500.00	\$9.00	\$13,500.00	\$5.00	\$7,500.00	\$6,000.00
608.28	8" CONCRETE SIDEWALK (F)	SY	210.00	\$55.00	\$11,550.00	\$58.50	\$12,285.00	(\$735.00)
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	1,700.00	\$17.00	\$28,900.00	\$18.00	\$30,600.00	(\$1,700.00)
609.5	RESET GRANITE CURB	LF	1,250.00	\$8.00	\$10,000.00	\$9.00	\$11,250.00	(\$1,250.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	6,600.00	\$4.00	\$26,400.00	\$5.00	\$33,000.00	(\$6,600.00)
614.331	3" STEEL CONDUIT	LF	50.00	\$33.00	\$1,650.00	\$26.00	\$1,300.00	\$350.00
614.523	MOLDED PULL BOX 17"X30"	EA	2.00	\$750.00	\$1,500.00	\$410.00	\$820.00	\$680.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,050.00	\$14.00	\$14,700.00	\$25.00	\$26,250.00	(\$11,550.00)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	12.00	\$850.00	\$10,200.00	\$850.00	\$10,200.00	\$0.00

618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	190,000.00	\$1.00	\$190,000.00	\$1.00	\$190,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$250,000.00	\$250,000.00	\$200,000.00	\$200,000.00	\$50,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	7.00	\$2,500.00	\$17,500.00	\$2,600.00	\$18,200.00	(\$700.00)
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,500.00	\$3,000.00	\$2,500.00	\$5,000.00	(\$2,000.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$5,000.00	\$10,000.00	\$22,800.00	\$45,600.00	(\$35,600.00)
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	3.00	\$5.00	\$15.00	\$10.00	\$30.00	(\$15.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	320.00	\$5.00	\$1,600.00	\$4.50	\$1,440.00	\$160.00
621.31	SINGLE DELINEATOR WITH POST	EA	340.00	\$35.00	\$11,900.00	\$36.50	\$12,410.00	(\$510.00)
621.32	DOUBLE DELINEATOR WITH POST	EA	20.00	\$40.00	\$800.00	\$40.70	\$814.00	(\$14.00)
622.1	STEEL WITNESS MARKERS	EA	3.00	\$35.00	\$105.00	\$31.00	\$93.00	\$12.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,900.00	\$1.00	\$2,900.00	\$1.60	\$4,640.00	(\$1,740.00)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	95,000.00	\$0.15	\$14,250.00	\$0.17	\$16,150.00	(\$1,900.00)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	3,600.00	\$1.00	\$3,600.00	\$1.00	\$3,600.00	\$0.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	8,800.00	\$1.00	\$8,800.00	\$1.75	\$15,400.00	(\$6,600.00)
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	300.00	\$2.00	\$600.00	\$2.00	\$600.00	\$0.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	8,400.00	\$2.00	\$16,800.00	\$3.25	\$27,300.00	(\$10,500.00)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	190.00	\$4.00	\$760.00	\$4.00	\$760.00	\$0.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	900.00	\$10.00	\$9,000.00	\$7.00	\$6,300.00	\$2,700.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	44,000.00	\$0.40	\$17,600.00	\$0.52	\$22,880.00	(\$5,280.00)
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	250.00	\$3.00	\$750.00	\$2.50	\$625.00	\$125.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	4,800.00	\$6.00	\$28,800.00	\$4.25	\$20,400.00	\$8,400.00
645.611	BONDED FIBER MATRIX (BFM)	LB	5,300.00	\$2.00	\$10,600.00	\$1.50	\$7,950.00	\$2,650.00

646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	2.00	\$1,600.00	\$3,200.00	\$1,500.00	\$3,000.00	\$200.00
647.1	HUMUS	CY	710.00	\$25.00	\$17,750.00	\$20.00	\$14,200.00	\$3,550.00
678.201	IMPACT ATTENUATOR FOUNDATION PAD	U	6.00	\$5,000.00	\$30,000.00	\$4,000.00	\$24,000.00	\$6,000.00
678.233	LOW MAINTENANCE/SELF-RESTORING IMPACT ATTENUATION DEVICE, TL 3	U	6.00	\$26,000.00	\$156,000.00	\$33,000.00	\$198,000.00	(\$42,000.00)
692.	MOBILIZATION	U	1.00	\$205,000.00	\$205,000.00	\$350,000.00	\$350,000.00	(\$145,000.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00
698.13	FIELD OFFICE TYPE C	MON	7.00	\$2,000.00	\$14,000.00	\$2,000.00	\$14,000.00	\$0.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$0.00

Total:

\$4,175,387.00 \$4,205,313.05 (\$29,926.05)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/28/2018

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 CROSS INSURANCE - LACONIA 155 Court Street Laconia NH 03246	CONTACT NAME: Linda Tikkanen, CISR PHONE (A/C, No, Ext): (603) 524-2425 FAX (A/C, No): (603) 524-3666 E-MAIL ADDRESS: ltikkanen@crossagency.com
INSURED CONTINENTAL PAVING, INC. ONE CONTINENTAL DRIVE LONDONDERRY NH 03053	INSURER(S) AFFORDING COVERAGE INSURER A: Firemen's Ins. Co. of Washington NAIC # 21784 INSURER B: Acadia Ins Co. 31325 INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES

CERTIFICATE NUMBER: CL1831242299

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	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Form CG0437 - \$100,000 GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC OTHER:			CPA0013804-34	3/31/2018	3/31/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ☒ NON-OWNED AUTOS ☒ MSC90 ☒ CA9948			CAA0013801-34	3/31/2018	3/31/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED RETENTION \$			CUA5295253-11	3/31/2018	3/31/2019	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
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	N/A	WPA0013797-35	3/31/2018	3/31/2019	☒ PER STATUTE ☐ 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)

Job Reference: Bedford 41174

The State of NH, Department of Transportation is listed as additional insured for ongoing operations when required in a written contract.

CERTIFICATE HOLDER

CANCELLATION

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

L Tikkanen, CISR/LXT

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/30/2018

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PRODUCER CROSS INSURANCE - LACONIA 155 Court Street Laconia NH 03246	CONTACT NAME: Linda Tikkanen, CISR PHONE (A/C No, Ext): (603) 524-2425 FAX (A/C No): (603) 524-3666 E-MAIL ADDRESS: ltikkanen@crossagency.com
INSURED STATE OF NEW HAMPSHIRE DOT C/O CONTINENTAL PAVING, INC. ONE CONTINENTAL DRIVE LONDONDERRY NH 03053	INSURER(S) AFFORDING COVERAGE INSURER A Acadia Ins Co. NAIC # 31325 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES

CERTIFICATE NUMBER: CL1832843985

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	COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Owners & Contractors ☐ Protective GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PROJECT ☐ LOC OTHER:			OCF5345736-10	3/30/2018	9/30/2019	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS						
	UMBRELLA LIAB EXCESS LIAB 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						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: Bedford 41174

CERTIFICATE HOLDER

CANCELLATION

State of New Hampshire
Department of Transportation
7 Hazen Drive
P.O. Box 483
Concord, NH 03302

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

L Tikkanen, CISR/LXT

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