



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



24
Browder

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
March 27, 2017

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

REQUESTED ACTION

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 \$2,757,515.27 for resurfacing of approximately 20 miles along the F. E. Everett Turnpike, as well as to construct improvements at the Exit 8 Park n' Ride in Nashua, from the date of Governor and Council approval through November 17, 2017 unless extended by the Department in accordance with the Standard Specifications. 100% Turnpike funds for the resurfacing; 80% Federal Transit Administration (FTA) with 20% Turnpike match for the Exit 8 Park n' Ride improvements.

Funding is available as follows for FY 2017, and is contingent upon the availability and continued appropriation of funds for FY 2018:

Turnpikes Funding (100% for resurfacing plus 20% match for Nashua Exit 8 Park & Ride improvements)

Funding is available as follows:	<u>FY 2017</u>	<u>FY 2018</u>
04-96-96-961017-7025		
Turnpike Renewal & Replacement		
400-500870 Highway Contract Payments	\$250,000.00	\$2,242,538.47

FTA funding (80% of Nashua Exit 8 Park & Ride improvements)

Funding is available as follows:		
04-96-96-964010-2050		
Public Transportation		
400-500870 Highway Contract Payments	\$0	\$186,896.80

Funding is available as follows:		
04-96-96-964010-2050		
Public Transportation		
030-500331		
Equipment – General (Replace)	\$0	\$78,080.00

EXPLANATION

This project is included in the State's Ten Year Transportation Improvement Plan and involves annual turnpike resurfacing as part of the annual Turnpike Renewal and Replacement Program. This project consists of resurfacing approximately 20 lane miles of mainline on the Central Turnpike, Nashua Maintenance Shed as well as the Exit 8 Park n' Ride in Nashua. Resurfacing sections are as follows:

Section T-04: F.E. Everett Turnpike NB and SB in Merrimack

- Northbound barrel from mile marker 12.9 to mile marker 15.9.

Section T-05: Industrial Drive Merrimack

- Full extent of Industrial Drive from the stop bar at Continental Boulevard easterly to the stop bar at US 3, including the slip ramps.

Section T-07: Nashua Maintenance Shed

- Resurfacing of the existing maintenance yard.

Nashua Exit 8 Park n' Ride

- Resurface entire facility and reconfigure the parking area resulting in increased capacity by 25 spaces. Additional security cameras as well as conversion to more efficient and less costly LED lighting.

The FEET mainline and Industrial Drive segments were last paved in 2004-2006. Exit 8 Park n' Ride and Maintenance Shed parking lots are original pavement from 1997 to 2003. Due to the age of the pavement and high volume of traffic, these segments are experiencing transverse and longitudinal cracking with spot locations of delamination. The proposed improvements will extend the life of this asset avoiding more costly reconstruction repair in the future.

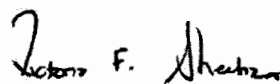
Although the bid costs exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved as there were 3 bids submitted for this project. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

The project is 100% Turnpikes Renewal & Replacement funded, with the following exception: The Nashua Exit 8 Park & Ride improvements will be 80% FTA funds, with 20% Turnpike R&R match. There are no FTA funds needed for FY 2017 as all work is limited to FY 2018 portion of construction season. There is no contingency funding requested as part of this project.

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.

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: \$2,757,734.68
Contract Amount: \$2,757,515.27
Over Estimate: \$ 85,780.59

Date: January 24, 2017

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of resurfacing approximately 20 lane miles of mainline on the Central Turnpike, Nashua Maintenance Shed as well as the Exit 8 Park n' Rides in Nashua. Resurfacing sections are as follows:

Section T-04: F.E. Everett Turnpike NB and SB in Merrimack (Night Resurfacing)

- Northbound barrel from mile marker 12.9 to mile marker 15.9, inlay the right travel lane to include the center line skip and extended to 1ft outside of the travel way, to a depth of 2 inches. Southbound barrel from mile marker 15.9 to mile marker 12.9, inlay left and right travel lanes to 1 foot outside the travel way to a depth of 2 inches.

Section T-05: Industrial Drive Merrimack (Night Resurfacing)

- Inlay Eastbound and Westbound barrels, from the stop bar at Continental Boulevard easterly to the stop bar at US 3, including the slip ramps to a depth of 1-1/2 inches.

Section T-07: Nashua Maintenance Shed (Day Resurfacing)

- Inlay the entire existing maintenance yard to a depth of 1-1/2 inches.

Nashua Exit 8 Park n' Ride (Night Work)

- Spot inlay sections of the existing parking lot and overlay the whole parking lot with 1-1/4 inch of pavement. In addition to paving the parking lot, it will be reconfigured with a new striping layout to increase capacity by 25 spaces. Additional security cameras as well as LED conversion for lights will be installed.

Water repellent (Silane/Siloxane) Application:

- Water repellent application to concrete barrier along F.E. Everett Turnpike.

FEDERAL FUNDING: 80% Federal Transit Administration for Exit 8 Park n' Ride with 20% Turnpike Renewal & Replacement match; rest of project 0% Federal (100% Turnpike R&R).

CONTINGENCY: No contingency is requested given the nature of the project and the short duration of improvements.

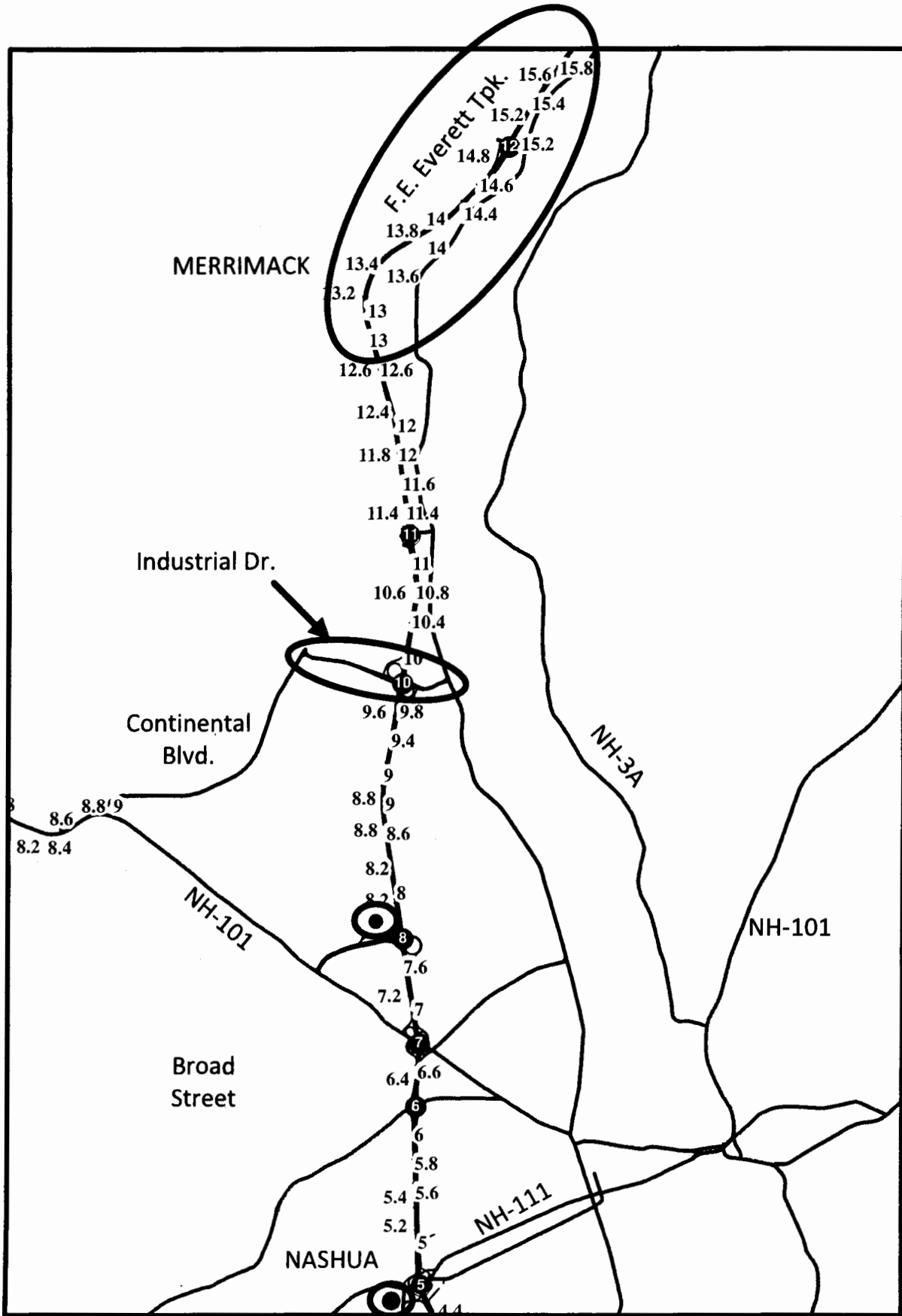
PROJECT INITIATED: Bureau of Turnpikes Renewal and Replacement Program.

EXPLANATION: The FEET mainline and Industrial Drive segments were last paved in 2004-2006. Exit 8 Park n' Ride and Maintenance Shed parking lots are original pavement from 1997 to 2003. Due to the age of the pavement and high volume of traffic, these segments are experiencing transverse and longitudinal cracking with spot locations of delamination. The proposed improvements will extend the life of this asset avoiding more costly reconstruction repair in the future.

TRAFFIC IMPLICATIONS: Resurfacing work will be done at night during off peak timeframes with normal traffic patterns to be re-established prior to AM travel periods for all locations. Improvements in the Park n' Ride facilities have been coordinated with the respective groups to minimize impacts to operations.

COMPLETION DATE: November 17, 2017

MERRIMACK-NASHUA 40771 CENTRAL TURNPIKE RESURFACING PROJECT



F.E. EVERETT TPK. (With Mile Marker Shown)



ABC Bid Data

MERRIMACK-NASHUA
40771
NON-FEDERAL

PROJECT: MERRIMACK-NASHUA
STATE PROJECT NUMBER: 40771
FED. PROJECT NUMBER: NON-FEDERAL
DATE BIDS OPEN: February 28, 2017,
SCOPE OF WORK: Central Corridor Resurfacing: Merrimack FEET NB/SB mm 12.9 to 15.9 and Industrial Blvd
COMPLETION DATE: November 17, 2017
LOCATION: Hillsborough, Merrimack

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

Amount: \$2,757,515.27 **Certified by:** PETER.E.STAMNAS
Director of Project Development

Award Date:

Summary of Bidders

Contractor	Bid Amount	Rank
CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE, LONDONDERRY NH 03053	\$2,757,515.27	A
BROX INDUSTRIES, INC. 1471 METHUEN STREET, DRACUT MA 01826	\$3,254,685.92	B
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$3,605,798.95	C

Item No.	Description	Unit	Quantity	PSAE		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
201.21	REMOVING SMALL TREES	EA	17,000	\$175.00	\$2,975,000	\$250.00	\$4,250.00	\$250.00	\$4,250.00
203.1	COMMON EXCAVATION	CY	379,000	\$15.00	\$5,685,000	\$30.00	\$11,370.00	\$30.00	\$11,370.00
304.201	GRAVEL	CY	167,000	\$25.00	\$4,175,000	\$30.00	\$5,010.00	\$50.00	\$8,350.00
304.301	CRUSHED GRAVEL	CY	57,000	\$35.00	\$1,995,000	\$40.00	\$2,280.00	\$65.00	\$3,705.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,312,000	\$15.00	\$34,680,000	\$16.00	\$36,992.00	\$30.00	\$69,960.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	9,239,000	\$63.00	\$582,057.00	\$65.00	\$600,535.00	\$68.50	\$632,871.50
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	2,479,000	\$65.00	\$161,135.00	\$70.00	\$173,530.00	\$70.00	\$173,530.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	6,682,000	\$68.00	\$454,376.00	\$75.00	\$501,150.00	\$71.00	\$474,422.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	510,000	\$120.00	\$61,200.00	\$110.00	\$56,100.00	\$100.00	\$51,000.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	16,917,000	\$1.50	\$25,375.50	\$1.25	\$21,146.25	\$2.50	\$42,292.50
403.6	PAVEMENT JOINT ADHESIVE	LF	111,871,000	\$0.22	\$24,611.62	\$0.22	\$24,611.62	\$0.25	\$27,967.75
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	8,343,000	\$3.25	\$27,114.75	\$2.00	\$16,686.00	\$4.80	\$40,046.40
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	200,000	\$80.00	\$16,000.00	\$75.00	\$15,000.00	\$68.50	\$13,700.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	155,987,000	\$1.50	\$233,980.50	\$1.50	\$233,980.50	\$2.75	\$428,964.25
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	2,000,000	\$80.00	\$160,000.00	\$50.00	\$100,000.00	\$74.00	\$148,000.00
559.4	ASPHALTIC PLUG EXPANSION JOINT (F)	LF	86,000	\$125.00	\$10,750.00	\$140.00	\$12,040.00	\$135.00	\$11,610.00
604.0007	POLYETHYLENE LINER	EA	93,000	\$125.00	\$11,625.00	\$110.00	\$10,230.00	\$150.00	\$13,950.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	93,000	\$350.00	\$32,550.00	\$350.00	\$32,550.00	\$300.00	\$27,900.00
608.2601	6" CONCRETE SIDEWALK	SY	500,000	\$50.00	\$25,000.00	\$50.00	\$25,000.00	\$40.00	\$20,000.00
609.5	RESET GRANITE CURB	LF	730,000	\$15.00	\$10,950.00	\$10.00	\$7,300.00	\$20.00	\$14,600.00
614.512	CONCRETE PULL BOX 18"	EA	2,000	\$575.00	\$1,150.00	\$550.00	\$1,100.00	\$550.00	\$1,100.00
614.523	MOLDED PULL BOX 17" X30"	EA	2,000	\$500.00	\$1,000.00	\$550.00	\$1,100.00	\$550.00	\$1,100.00
614.72228	2" 2-DUCT HDPE CONDUIT, SCHEDULE 80	LF	880,000	\$15.00	\$13,200.00	\$30.00	\$26,400.00	\$30.00	\$26,400.00
616.635	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 35 FT	EA	1,000	\$560.00	\$560.00	\$500.00	\$500.00	\$500.00	\$500.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	29,000	\$800.00	\$23,200.00	\$850.00	\$24,650.00	\$850.00	\$24,650.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	100,000,000	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$53,000.00	\$53,000.00	\$75,000.00	\$75,000.00	\$158,000.00	\$158,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4,000	\$3,000.00	\$12,000.00	\$2,000.00	\$8,000.00	\$3,500.00	\$14,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1,000	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	240,000	\$40.00	\$9,600.00	\$50.00	\$12,000.00	\$40.00	\$9,600.00
625.001	LED RETROFIT	EA	15,000	\$500.00	\$7,500.00	\$650.00	\$9,750.00	\$650.00	\$9,750.00
625.259	CONCRETE LIGHT POLE BASES, TYPE B (2 FT REVEAL) (MODIFIED)	EA	2,000	\$1,500.00	\$3,000.00	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00
625.62	RESET/RELOCATE LIGHT POLE	EA	2,000	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,335,000	\$2.00	\$2,670.00	\$1.00	\$1,335.00	\$2.00	\$2,670.00
632.01047	RETROREFLECTIVE PAINT PARKING LINE, 4"	LF	10,820,000	\$0.50	\$5,410.00	\$0.65	\$7,033.00	\$0.65	\$7,033.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	113,118,000	\$0.14	\$15,636.66	\$0.15	\$16,967.85	\$0.18	\$20,361.42
632.02	RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD	SF	285,000	\$2.50	\$712.50	\$2.25	\$641.25	\$3.50	\$997.50
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	8,702,000	\$1.00	\$8,702.00	\$1.25	\$10,877.50	\$1.00	\$8,702.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	4,867,000	\$2.00	\$9,734.00	\$2.05	\$9,977.35	\$1.75	\$8,517.25

Item No.	Description	Unit	Quantity	PS&E		CONTINENTAL PAVING INC 1000 STATE ST LONDONDERRY, NH 03053		BROX INDUSTRIES, INC. 1400 STATE ST DRACUT, MA 01928	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	314,000	\$3.00	\$942.00	\$3.25	\$1,020.50	\$3.00	\$942.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,190,000	\$8.00	\$9,520.00	\$5.75	\$6,842.50	\$6.00	\$7,140.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	1,936,000	\$0.40	\$774.40	\$0.45	\$871.20	\$0.85	\$1,645.60
670.203	EMERGENCY CALL BOX	EA	2,000	\$4,000.00	\$8,000.00	\$3,800.00	\$7,600.00	\$3,800.00	\$7,600.00
670.61	PRIVATE SIGN	U	1,000	\$7,700.00	\$7,700.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00
677.451	CCTV SECURITY SYSTEM	U	1,000	\$20,000.00	\$20,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00
892.	MOBILIZATION	U	1,000	\$115,000.00	\$115,000.00	\$100,000.00	\$100,000.00	\$150,000.00	\$150,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1,000,000	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	50,000,000	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
1010.15	FUEL ADJUSTMENT	\$	82,000,000	\$1.00	\$82,000.00	\$1.00	\$82,000.00	\$1.00	\$82,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	151,000,000	\$1.00	\$151,000.00	\$1.00	\$151,000.00	\$1.00	\$151,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	62,287,750	\$1.00	\$62,287.75	\$1.00	\$62,287.75	\$1.00	\$62,287.75

Totals:

\$2,671,734.68	\$2,757,515.27	\$3,254,685.92
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Item No.	Description	Unit	Quantity	PS&E		PK&E INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total

Items

201.21	REMOVING SMALL TREES	EA	17,000	\$175.00	\$2,975.00	\$450.00	\$7,650.00
203.1	COMMON EXCAVATION	CY	379,000	\$15.00	\$5,685.00	\$20.00	\$7,580.00
304.201	GRAVEL	CY	167,000	\$25.00	\$4,175.00	\$50.00	\$8,350.00
304.301	CRUSHED GRAVEL	CY	57,000	\$35.00	\$1,995.00	\$68.00	\$3,876.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,312,000	\$15.00	\$34,680.00	\$30.00	\$69,360.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	9,239,000	\$63.00	\$582,057.00	\$74.00	\$683,696.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	2,479,000	\$65.00	\$161,135.00	\$105.00	\$260,295.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	6,682,000	\$68.00	\$454,376.00	\$76.00	\$507,832.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	510,000	\$120.00	\$61,200.00	\$155.00	\$79,050.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	16,917,000	\$1.50	\$25,375.50	\$2.90	\$49,059.30
403.6	PAVEMENT JOINT ADHESIVE	LF	111,871,000	\$0.22	\$24,611.62	\$0.25	\$27,967.75
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	8,343,000	\$3.25	\$27,114.75	\$3.80	\$31,703.40
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	200,000	\$80.00	\$16,000.00	\$125.00	\$25,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	155,987,000	\$1.50	\$233,980.50	\$2.20	\$343,171.40
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	2,000,000	\$80.00	\$160,000.00	\$85.00	\$170,000.00
559.4	ASPHALTIC PLUG EXPANSION JOINT (F)	LF	86,000	\$125.00	\$10,750.00	\$140.00	\$12,040.00
604.0007	POLYETHYLENE LINER	EA	93,000	\$125.00	\$11,625.00	\$125.00	\$11,625.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	93,000	\$350.00	\$32,550.00	\$400.00	\$37,200.00
608.2601	6" CONCRETE SIDEWALK	SY	500,000	\$50.00	\$25,000.00	\$45.00	\$22,500.00
609.5	RESET GRANITE CURB	LF	730,000	\$15.00	\$10,950.00	\$12.00	\$8,760.00
614.512	CONCRETE PULL BOX 18"	EA	2,000	\$575.00	\$1,150.00	\$600.00	\$1,200.00
614.523	MOLDED PULL BOX 17"X30"	EA	2,000	\$500.00	\$1,000.00	\$600.00	\$1,200.00
614.72228	2" 2-DUCT HDPE CONDUIT, SCHEDULE 80	LF	880,000	\$15.00	\$13,200.00	\$32.00	\$28,160.00
616.635	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 35 FT	EA	1,000	\$560.00	\$560.00	\$500.00	\$500.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	29,000	\$800.00	\$23,200.00	\$900.00	\$26,100.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	100,000,000	\$1.00	\$100,000.00	\$1.00	\$100,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$53,000.00	\$53,000.00	\$350,000.00	\$350,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4,000	\$3,000.00	\$12,000.00	\$4,000.00	\$16,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1,000	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	240,000	\$40.00	\$9,600.00	\$50.00	\$12,000.00
625.001	LED RETROFIT	EA	15,000	\$500.00	\$7,500.00	\$675.00	\$10,125.00
625.259	CONCRETE LIGHT POLE BASES, TYPE B (2 FT REVEAL) (MODIFIED)	EA	2,000	\$1,500.00	\$3,000.00	\$1,275.00	\$2,550.00
625.62	RESET/RELOCATE LIGHT POLE	EA	2,000	\$1,000.00	\$2,000.00	\$1,275.00	\$2,550.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,335,000	\$2.00	\$2,670.00	\$2.00	\$2,670.00
632.01047	RETROREFLECTIVE PAINT PARKING LINE, 4"	LF	10,820,000	\$0.50	\$5,410.00	\$0.65	\$7,033.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	113,119,000	\$0.14	\$15,836.66	\$0.15	\$16,967.85
632.02	RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD	SF	285,000	\$2.50	\$712.50	\$2.25	\$641.25
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	8,702,000	\$1.00	\$8,702.00	\$0.85	\$7,396.70
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	4,867,000	\$2.00	\$9,734.00	\$2.05	\$9,977.35

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
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	314,000	\$3.00	\$942.00	\$3.25	\$1,020.50		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,190,000	\$8.00	\$9,520.00	\$5.75	\$6,842.50		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	1,938,000	\$0.40	\$774.40	\$0.45	\$871.20		
670.203	EMERGENCY CALL BOX	EA	2,000	\$4,000.00	\$8,000.00	\$4,500.00	\$9,000.00		
670.61	PRIVATE SIGN	U	1,000	\$7,700.00	\$7,700.00	\$1,000.00	\$1,000.00		
677.451	CCTV SECURITY SYSTEM	U	1,000	\$20,000.00	\$20,000.00	\$90,000.00	\$90,000.00		
692.	MOBILIZATION	U	1,000	\$115,000.00	\$115,000.00	\$180,000.00	\$180,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1,000,000	\$1.00	\$1,000.00	\$1.00	\$1,000.00		
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	50,000,000	\$1.00	\$50,000.00	\$1.00	\$50,000.00		
1010.15	FUEL ADJUSTMENT	\$	82,000,000	\$1.00	\$82,000.00	\$1.00	\$82,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	151,000,000	\$1.00	\$151,000.00	\$1.00	\$151,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	62,287,750	\$1.00	\$62,287.75	\$1.00	\$62,287.75		

Totals: **\$2,671,734.68** **\$3,605,798.95**



PS&E Comparison

MERRIMACK-NASHUA
40771
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
201.21	REMOVING SMALL TREES	EA	17.000	\$250.00	\$4,250.00	\$175.00	\$2,975.00	\$1,275.00
203.1	COMMON EXCAVATION	CY	379.000	\$30.00	\$11,370.00	\$15.00	\$5,685.00	\$5,685.00
304.201	GRAVEL	CY	167.000	\$30.00	\$5,010.00	\$25.00	\$4,175.00	\$835.00
304.301	CRUSHED GRAVEL	CY	57.000	\$40.00	\$2,280.00	\$35.00	\$1,995.00	\$285.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,312.000	\$16.00	\$36,992.00	\$15.00	\$34,680.00	\$2,312.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	9,239.000	\$65.00	\$600,535.00	\$63.00	\$582,057.00	\$18,478.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	2,479.000	\$70.00	\$173,530.00	\$65.00	\$161,135.00	\$12,395.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	6,682.000	\$75.00	\$501,150.00	\$68.00	\$454,376.00	\$46,774.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	510.000	\$110.00	\$56,100.00	\$120.00	\$61,200.00	(\$5,100.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	16,917.000	\$1.25	\$21,146.25	\$1.50	\$25,375.50	(\$4,229.25)
403.6	PAVEMENT JOINT ADHESIVE	LF	111,871.000	\$0.22	\$24,611.62	\$0.22	\$24,611.62	\$0.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	8,343.000	\$2.00	\$16,686.00	\$3.25	\$27,114.75	(\$10,428.75)
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	200.000	\$75.00	\$15,000.00	\$80.00	\$16,000.00	(\$1,000.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	155,987.000	\$1.50	\$233,980.50	\$1.50	\$233,980.50	\$0.00

Items

534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	2,000.000	\$50.00	\$100,000.00	\$80.00	\$160,000.00	\$60,000.00)
559.4	ASPHALTIC PLUG EXPANSION JOINT (F)	LF	86.000	\$140.00	\$12,040.00	\$125.00	\$10,750.00	\$1,290.00
604.0007	POLYETHYLENE LINER	EA	93.000	\$110.00	\$10,230.00	\$125.00	\$11,625.00	(\$1,395.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	93.000	\$350.00	\$32,550.00	\$350.00	\$32,550.00	\$0.00
608.2601	6" CONCRETE SIDEWALK	SY	500.000	\$50.00	\$25,000.00	\$50.00	\$25,000.00	\$0.00
609.5	RESET GRANITE CURB	LF	730.000	\$10.00	\$7,300.00	\$15.00	\$10,950.00	(\$3,650.00)
614.512	CONCRETE PULL BOX 18"	EA	2.000	\$550.00	\$1,100.00	\$575.00	\$1,150.00	(\$50.00)
614.523	MOLDED PULL BOX 17"X30"	EA	2.000	\$550.00	\$1,100.00	\$500.00	\$1,000.00	\$100.00
614.72228	2" 2-DUCT HDPE CONDUIT, SCHEDULE 80	LF	880.000	\$30.00	\$26,400.00	\$15.00	\$13,200.00	\$13,200.00
616.635	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 35 FT	EA	1.000	\$500.00	\$500.00	\$560.00	\$560.00	(\$60.00)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	29.000	\$850.00	\$24,650.00	\$800.00	\$23,200.00	\$1,450.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	100,000.000	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.000	\$75,000.00	\$75,000.00	\$53,000.00	\$53,000.00	\$22,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.000	\$2,000.00	\$8,000.00	\$3,000.00	\$12,000.00	(\$4,000.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.000	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	(\$3,000.00)
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	240.000	\$50.00	\$12,000.00	\$40.00	\$9,600.00	\$2,400.00
625.001	LED RETROFIT	EA	15.000	\$650.00	\$9,750.00	\$500.00	\$7,500.00	\$2,250.00
625.259	CONCRETE LIGHT POLE BASES, TYPE B (2 FT REVEAL) (MODIFIED)	EA	2.000	\$1,200.00	\$2,400.00	\$1,500.00	\$3,000.00	(\$600.00)
625.62	RESET/RELOCATE LIGHT POLE	EA	2.000	\$1,200.00	\$2,400.00	\$1,000.00	\$2,000.00	\$400.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,335.000	\$1.00	\$1,335.00	\$2.00	\$2,670.00	(\$1,335.00)
632.01047	RETROREFLECTIVE PAINT PARKING LINE, 4"	LF	10,820.000	\$0.65	\$7,033.00	\$0.50	\$5,410.00	\$1,623.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	113,119.000	\$0.15	\$16,967.85	\$0.14	\$15,836.66	\$1,131.19

632.02	RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD	SF	285.000	\$2.25	\$641.25	\$2.50	\$712.50	(\$71.25)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	8,702.000	\$1.25	\$10,877.50	\$1.00	\$8,702.00	\$2,175.50
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	4,867.000	\$2.05	\$9,977.35	\$2.00	\$9,734.00	\$243.35
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	314.000	\$3.25	\$1,020.50	\$3.00	\$942.00	\$78.50
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,190.000	\$5.75	\$6,842.50	\$8.00	\$9,520.00	(\$2,677.50)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	1,936.000	\$0.45	\$871.20	\$0.40	\$774.40	\$96.80
670.203	EMERGENCY CALL BOX	EA	2.000	\$3,800.00	\$7,600.00	\$4,000.00	\$8,000.00	(\$400.00)
670.61	PRIVATE SIGN	U	1.000	\$5,000.00	\$5,000.00	\$7,700.00	\$7,700.00	(\$2,700.00)
677.451	CCTV SECURITY SYSTEM	U	1.000	\$85,000.00	\$85,000.00	\$20,000.00	\$20,000.00	\$65,000.00
692.	MOBILIZATION	U	1.000	\$100,000.00	\$100,000.00	\$115,000.00	\$115,000.00	(\$15,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1,000.000	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	50,000.000	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	82,000.000	\$1.00	\$82,000.00	\$1.00	\$82,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	151,000.000	\$1.00	\$151,000.00	\$1.00	\$151,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	62,287.750	\$1.00	\$62,287.75	\$1.00	\$62,287.75	\$0.00

Total: \$2,757,515.27 \$2,671,734.68 \$85,780.59



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/27/2017

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: Tracy Andriski, CISR PHONE (A/C No. Ext): (603) 524-2425 FAX (A/C No.): (603) 524-3666 E-MAIL ADDRESS: tandriski@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: CL1732304147 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 INSD 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 type="checkbox"/> LOC OTHER:		CPA0013804-33	3/31/2017	3/31/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 250,000 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 Privacy Breach Expense \$ 50,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> MCS90 <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS <input checked="" type="checkbox"/> CA9948		CAA0013801-33	3/31/2017	3/31/2018	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 \$		CUA5295253-10	3/31/2017	3/31/2018	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	WPA0013797-34	3/31/2017	3/31/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Project: Merrimack - Nashua 40771

The State of NH, Department of Transportation is listed as an additional insured for ongoing operations performed by or on behalf of Continental Paving, Inc when required in a written contract.

CERTIFICATE HOLDER State of New Hampshire Department of Transportation 7 Hazen Drive PO Box 483 Concord, NH 03302	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE T Andriski, CISR/TA5 <i>Tracy Andriski</i>

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/7/2017

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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: Tracy Andriski, CISR PHONE (A/C, No, Ext): (603) 524-2425 FAX (A/C, No): (603) 524-3666 E-MAIL ADDRESS: tandriski@crossagency.com	
	INSURER(S) AFFORDING COVERAGE NAIC #	
INSURED State of New Hampshire, DOT c/o Continental Paving Inc One Continental Drive Londonderry NH 03053	INSURER A: Acadia Ins Co. 31325	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** CL173602540 **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 <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			OCP5295687-10	3/7/2017	9/7/2018	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 \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <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) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below			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)
 Project: Merrimack - Nashua 40771

CERTIFICATE HOLDER State of New Hampshire Department of Transportation 7 Hazen Drive PO Box 483 Concord, NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE T Andriski, CISR/TA5 <i>Tracy Andriski</i>

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