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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 October 14, 2019

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Continental Paving, Inc. of Londonderry, NH (Vendor 155350) on the basis of a low bid of \$4,114,712.10 for pavement resurfacing, from the date of Governor and Council approval through September 11, 2020, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2020 and Fiscal Year 2021 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:

FY 2020

FY 2021

04-96-96-963515-3054

Consolidated Federal Aid

400-500870 Highway Contract Payments

\$3,188,901.99

\$925,810.11

2. Further authorize that a contingency in the amount of \$205,735.61 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Funding is available as follows:

FY 2020

FY 2021

04-96-96-963515-3054

Consolidated Federal Aid

400-500870 Highway Contract Payments

\$205,735.61

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, under the 2019 Federal Resurfacing Program (Pave-Tier 2-Resurface). The approximately 20 mile project consists of pavement preservation of six Tier 2 roadway segments in the Lakes Region of the state, including:

- 19303A/19303DS Wolfeboro, NH 28, ¾" Paver Shim FW Overlay, 3.2 miles
- 19328A Ashland, US 3, 2" FW HS Wearing Course Inlay, 0.8 miles
- 20302 Tamworth-Ossipee, NH 25, ½" Leveling Course FW, 1 1/2" Overlay, 4.5 miles
- 20303 Holderness-Ashland, US 3, 3/4" Paver Shim FW Overlay, 2.4 miles
- 20304 Meredith-Holderness, US 3, 3/4" Paver Shim FW Overlay, 6.3 miles
- 20305/20305DS Campton, US 3, 3/4" Paver Shim FW Overlay, 2.3 miles

Page 2

This project is part of the CY 2020 Federal Resurfacing Program. All impacted towns and utilities will be notified of the work. Both ADA curb ramp work and guardrail work will be completed as part of this project.

The proposed contingency amount is 5% of the contract amount. This project has limited survey and therefore items have been quantified based on field observations, aerial photos and as-built plans. Field adjustments may be required due to varying conditions and asphalt prices are currently in escalation.

Although the bid costs exceeded the Department's estimate by 4.70% the low bid of 2 bids received is felt to be reasonable for the work involved. Five items contributed to 85% of the overage; guardrail (2), striping and pavement (2). Readvertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 (Paving-Tier 2-Resurfacing) utilizing Turnpike Toll Credits as 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: \$3,929,959.17 Contract Amount: \$4,114,712.10 Over Estimate: \$184,752.93

Attachments



ABC Bid Data

STATEWIDE TIER 2 (E) RESURFACING

42323

X-A004(832)

PROJECT:

STATEWIDE TIER 2 (E) RESURFACING

STATE PROJECT NUMBER: 42323

FED. PROJECT NUMBER:

X-A004(832)

DATE BIDS OPEN:

September 26, 2019,

SCOPE OF WORK:

Resurfacing various Tier 2 roadways in District 3. September 11, 2020

COMPLETION DATE:

LOCATION:

Awarded To: CONTINENTAL PAVING INC

1 CONTINENTAL DRIVE

LONDONDERRY, NH 03053

Amount:

Award Date:

\$4,114,712.10

Certified by: PETER.E.STAMNAS

Director of Project Development

Summary of Bidders

Contractor	
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Contractor		
CONTINENTALERAVING INCOMES AND THE REPORT OF THE PARTY OF	Bid Amount	Rank
CONTINENTAL DRIVE LONDONDER RYNHOODS AS A SECOND OF THE SE	57-5 \$4 114 7.12 101 cg	A SUPPLA
PIKE INDUSTRIES, INC.		
3 EASTGATE PARK ROAD, BELMONT NH 03220	\$4,751,313.30	B

3 EASTGATE PARK ROAD, BELMONT NH 03220

	·			P	34E	1 CONTIN	AL PAYING INC ENTAL DRIVE ERRY, INH 83083	3 EASTGA	LISTRIES, INC. TE PARK ROAD NT, NH 63229
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

	I	-,	,						
202.7	REMOVAL OF GUARDRAIL	LF	5,500,00	\$2.70	\$14,850.00	\$4.00	\$22,000.00	\$3.50	\$19,250.00
203.6540	GUARDRAIL TAPERED RAIL PLATFORM	LF	98.00	\$25.00	\$2,450.00	\$100.00	\$9,600,00	\$55.00	\$5,390.00
203.5562	EAGRT PLATFORM ALTERNATE	U	37,00	\$1,200.00	\$44,400.00	\$1,000,00	\$37,000.00	\$1,500.00	\$55,500.00
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25"	U	5.00	\$1,255.00	\$6,275.00	\$1,200,00	\$6,000,00	\$1,500.00	\$7,500,00
206.1	COMMON STRUCTURE EXCAVATION	CY	85.00	\$133.00	\$11,305.00	\$75.00	\$6,375.00	\$350.00	\$29,750.00
206,19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$55.00	\$550.00	\$100,00	\$1,000.00	\$150.00	\$1,500.00
304,301	CRUSHED GRAVEL	CY	44.00	\$27.00	\$1,188.00	\$75.00	\$3,300.00	\$60.00	\$2,640.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,710.00	\$23.25	\$86,257.50	\$25.00	\$92,750.00	\$34.00	\$126,140,00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,770,00	\$76.00	\$134,520.00	\$85.00	\$150,450,00	\$78,00	\$138,060,00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (OC/QA TIER 1)	TON	10,000.00	\$83.00	\$830,000.00	\$85.00	\$850,000.00	\$89.50	\$895,000.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	1,770.00	\$85.00	\$150,450.00	\$85.00	\$150,450.00	\$90.00	\$159,300.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON '	2,000.00	\$83.00	\$166,000.00	\$95.00	\$190,000,00	\$82.00	\$164,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	136,00	\$135.00	\$18,360.00	\$135,00	\$18,360.00	\$150,00	\$20,400,00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	15,300.00	\$2.00	\$30,600.00	\$2.00	\$30,600.00	\$3.00	\$45,900.00
403.6	PAVEMENT JOINT ADHESIVE	LF.	130,870.00	\$0.30	\$39,261.00	\$0.25	\$32,717.50	\$0.23	\$30,100.10
403.61	PAVEMENT JOINT ADRESIVE (BRIDGE BASE)	LF .	420.00	\$4,05	\$1,701.00	\$2.00	\$840.00	\$2.00	\$840.00
410,22	ASPHALT EMULSION FOR TACK COAT	GAL	26,505.00	\$3.25	\$86,141.25	\$5.00	\$132,525.00	\$3.40	\$90,117.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	3,400.00	\$84.00	\$285,600.00	\$80.00	\$272,000.00	\$98.00	\$333,200.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	16,800.00	\$72.00	\$777,600.00	\$80.00	\$864,000.00	\$82.00	\$885,600.00
411,51	PLANT MIX SURFACE TREATMENT, PAVER SPOT DRAG SHIM	TON	800.00	\$85.00	\$51,000.00	\$90.00	\$54,000.00	\$105.00	\$63,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	59,100.00	\$2.25	\$132,975.00	\$2,25	\$132,975,00	\$2.30	\$135,930,00
417,1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	500,00	\$10.00	\$6,048.00	\$10.00	\$6,000,00	\$5.90	\$3,540.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	UF.	88.00	\$108.00	\$9,504.00	\$93,00	\$8,184,00	\$84,50	\$7,436,00
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	UF .	50.00	\$123.00	\$8,150.00	\$164,00	\$8,200,00	\$148.50	\$7,425.00
585.3	STONE FILL, CLASS C	CY	2.00	\$55.00	\$110,00	\$500,00	\$1,000.00	\$950.00	\$1,900,00
593,421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	6.00	\$6,00	\$36,00	\$50,00	\$300,00	\$100.00	\$600.00
604.0007	POLYETHYLENE LINER	EA	33.00	\$130.00	\$4,290.00	\$150,00	\$4,950.00	\$130.00	\$4,290.00
604,4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	33,00	\$455.00	\$15,015.00	\$500.00	\$18,500.00	\$700.00	\$23,100.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF .	6.00	\$500.00	\$3,000,00	\$500,00	\$3,000.00	\$800.00	\$4,800.00
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Item No.	Description				PSAE .	1 CONTR	ITAL PAYING INC NENTAL DRIVE HERRY, NH 03053	3 EASTGA	USTRIES, INC. TE PARK ROAD IT, INH 83229
604.72	GRATES & FRAMES, TYPE B	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
606.012	WEXE STEEL POST REPLACEMENTS FOR BEAM	EA	6.00	\$575.00	\$3,450.00	\$650.00	\$3,900.00	\$1,000.00	\$8,000.0
506.0122	GUARDRAIL POSTS	EA	24.00	\$80.00	\$1,440.00	\$105.00	\$2,520.00	\$95.00	\$2,280.0
	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	- 44.00	\$10.00	\$440.00	\$17.00	\$748.00	\$15.00	\$660.0
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	28.00	\$2,700.00	\$75,600.00	\$4,015.00	\$112,420.00	\$3,450.00	\$96,600,0
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	10.00	\$2,500.00	\$25,000.00	\$4,015.00	\$40,150.00		<u> </u>
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2- 25') (STEEL POST)	- lu	5.00	\$2,555.00	\$12,775.00	\$3,285.00	\$18,425.00	\$3,450.00	\$34,500.0
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	4.00	\$2,200.00			0.10,423.00	\$2,985.00	\$14,925.0
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,712.50	\$2,200.00	\$8,800.00 \$79,818.75	\$4,345.00	\$17,380.00	\$3,950.00	\$15,800,0
608.2401	4" CONCRETE SIDEWALK	SY		-	473,010,73	\$28,00	\$103,950.00	\$25,00	\$92,812.5
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	322.00	\$60,00	\$19,320.00	\$55,00	\$17,710.00	\$50,00	\$16,100,0
609.01	STRAIGHT GRANITE CURB		55.00	\$440.00	\$24,200.00	\$75.00	\$4,125.00	\$450.00	\$24,750,0
609,5	RESET GRANITE CURB	LF	22.00	\$54.00	\$1,188.00	\$100.00	\$2,200.00	\$100.00	\$2,200.0
609.611	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	348.00	\$24.00	\$8,352.00	\$25,00	\$8,700,00	\$40.00	\$13,920.0
615.0201	TRAFFIC SIGN TYPE B	SF	480.00	\$9.66	\$4,636,80	\$8.00	\$3,840.00	\$16.00	\$7,680.0
615.0301	TRAFFIC SIGN TYPE C	SF SF	70.00	\$63.00	\$4,410.00	\$157,00	\$10,990.00	\$142.00	\$9,940.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	24.00	\$48.00	\$1,152,00	\$130.00	\$3,120.00	\$118,00	\$2,832,0
615.0501	TRAFFIC SIGN TYPE BB	SF	2.00	\$69.00	\$138.00	\$85.00	\$170,00	\$75.00	\$150.00
615,0601	TRAFFIC SIGN TYPE CC	8F	62.30	\$18.00	\$1,121,40	\$82.00	\$5,108.60	\$74.00	\$4,610.20
618.61	UNIFORMED OFFICERS WITH VEHICLE	- *	82,30	\$32.75	\$2,695.33	\$77,00	\$8,337,10	\$70.00	\$5,761.00
618.7	FLAGGERS	*	28,000.00	\$1.00	\$28,000,00	\$1,00	\$28,000.00	\$1.00	\$28,000.00
B19.1	MAINTENANCE OF TRAFFIC	HR U	600.00	\$33.50	\$20,100.00	\$40.00	\$24,000.00	\$45.00	\$27,000.00
519.25	PORTABLE CHANGEABLE MESSAGE SIGN		1.00	\$150,000,00	\$150,000,00	\$50,000.00	\$50,000.00	\$270,000.00	\$270,000.00
19.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	U	2.00	\$3,350.00	\$6,700.00	, \$3,000.00	\$6,000.00	\$5,000.00	\$10,000.00
119,279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	UWK	4.00	\$290,00	\$1,160.00	\$500.00	\$2,000.00	\$225.00	\$900,00
321.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	U	2.00	\$2,450.00	\$4,900.00	\$3,000,00	\$6,000.00	\$5,000.00	\$10,000.00
321,31	SINGLE DELINEATOR WITH POST	EA		\$5.00	\$385,00	\$5.50	\$423,50	\$5.00	\$385.00
21.32	DOUBLE DELINEATOR WITH POST	EA .	82.00	\$43.50	\$3,567.00	\$55.00	\$4,510.00	\$60.00	\$4,920.00
28.1	SAWED CONCRETE PAVEMENT	EA	20.00	\$48.00	\$960.00	\$60.00	\$1,200,00	\$60.00	\$1,200.00
28.2	SAWED BITUMINOUS PAVEMENT	LF.	42.00	\$48.00	\$2,016.00	\$5.00	\$210.00	\$10.00	\$420.00
32.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	1,080.00	\$3.00	\$3,240,00	\$2.50	\$2,700.00	\$3.00	\$3,240.00
32.1118	PREFORMED RETROREFLECTIVE TAPE TYPE	LF LF	856,500.00	\$0.15	\$128,475.00	\$0.22	\$188,430.00	\$0.20	\$171,300,00
	(REMOVABLE) 18" LINE] ^{vr}	160.00	\$8.00	\$1,280.00	\$5.00	\$800,00	\$0.80	\$128,00

					PIAE	1 CONTIN	TAL PAVING INC ENTAL DRIVE ERRY, NH 83053	PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 63228		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
632,3106	RETROREFLECT. THERMOPLAS. PAVE, MARKING, 6" LINE	Ŀ	1,590,00	\$1,44	\$2,289.60	\$1.65	\$2,623.50	\$1.50	\$2,385,00	
632.3112	RETROREFLECT, THERMOPLAS, PAVE, MARKING, 12" LINE	LF	370.00	, \$3.30	\$1,221.00	\$3.30	\$1,221,00	\$3,00	\$1,110.00	
632.3118	RETROREFLECT. THERMOPLAS, PAVE. MARKING, 18" LINE	LF	160,00	\$5.91	\$945.60	\$6,60	\$1,056.00	\$6.00	\$960.00	
632.32	RETROREFLECT, THERMOPLAS, PAVEMENT MARKING, SYMBOL OR WORD	SF	111,00	\$13,25	\$1,470.75	\$11.00	\$1,221,00	\$10.00	\$1,110.00	
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF.	760.00	\$2.57	\$1,953.20	\$3.30	\$2,508.00	\$3.00	\$2,280.00	
632,912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	120.00	\$2.00	\$240,00	\$4.40	\$528.00	\$4.00	\$480.00	
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	111,00	\$2.59	\$287,49	\$4.40	\$488,40	\$4.00	\$444.00	
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	500.00	\$5.00	\$2,500.00	\$12,00	\$6,000,00	\$4.00	\$2,000,00	
692.	MOBILIZATION	U	1,00	\$148,772.00	\$148,772.00	\$90,400.00	\$90,400.00	\$370,000.00	\$370,000.00	
699,	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	S	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000,00	\$1.00	\$5,000,00	
1006,23	SPECIAL WORK - EXTRACTED AND RECOVERED ASPHALT BINDER TESTING	\$	3,000.00	\$1,00	\$3,000.00	\$1,00	\$3,000,00	\$1.00	\$3,000,00	
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	24,000.00	\$1.00	\$24,000.00	\$1,00	\$24,000,00	\$1.00	\$24,000.00	
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	\$	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	\$	57,322.50	\$1.00	\$57,322.50	\$1,00	\$57,322.50	\$1.00	\$57,322.50	
			Totals:		\$3,929,959.17		\$4,114,712.10		\$4,751,313.30	
			Alt, Totals:							
			Totals:		\$3,929,959.17		\$4,114,712.10		\$4,751,313.30	



PS&E Comparison

STATEWIDE TIER 2 (E) RESURFACING

42323

		т		A-Bid	der	PS&	E	
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
Items								
202.7	REMOVAL OF GUARDRAIL	LF	5,500.00	\$4.00	\$22,000.00	\$2.70	#44 050 00	-
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	98.00	\$100.00	\$9,800.00		\$14,850.00	\$7,150.00
203.5562	EAGRT PLATFORM ALTERNATE		╅			\$25.00	\$2,450.00	\$7,350.0 0
 203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	 	37.00	\$1,000.00	\$37,000.00	\$1,200.00	\$44,400.00	(\$7,400.00
 206.1		U	5.00	\$1,200.00	\$6,000.00	\$1,255.00	\$6,275.00	(\$275.00
	COMMON STRUCTURE EXCAVATION COMMON STRUCTURE EXCAVATION	CY	85.00	\$75.00	\$6,375.00	\$133.00	\$11,305.00	(\$4,930.00
206.19	EXPLORATORY EXCAVATION	CY	10.00	\$100.00	\$1,000.00	\$55.00	\$550.00	\$450.00
304.301 —————	CRUSHED GRAVEL	CY	44.00	\$75.00	\$3,300.00	\$27.00	\$1,188.00	
304.32 ————	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,710.00	\$25.00	\$92,750.00			\$2,112.00
l03.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,770.00			\$23.25	\$86,257.50	\$6,492.50 ———
03.11001	HOT BITUMINOUS PAVEMENT, MACHINE	TON	10,000.00	\$85.00	\$150,450.00	\$76.00	\$134,520.00	\$15,930.00
	(QC/QA TIER 1)			\$85.00	\$850,000.00	\$83.00	\$830,000.00	\$20,000.00
03.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	1,770.00	\$85.00	\$150,450.00	\$85.00	\$150,450.00	\$0.00
03.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	2,000.00	\$95.00	\$190,000.00	\$83.00	\$166,000.00	\$24,000.00
03.12 —————	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	136.00	\$135.00	\$18,360.00	\$135.00	\$18,360.00	***
03.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	15,300.00	\$2.00	\$30,600.00	\$2.00	+10,500.00	\$0.00

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403.6	PAVEMENT JOINT ADHESIVE	LF	130,870.00	\$0.25	\$32,717.50	\$0.30	\$39,261.00	(\$6,543.50)
103.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	420.00	\$2.00	\$840.00	\$4.05	\$1,701.00	(\$861.00)
110.22	ASPHALT EMULSION FOR TACK COAT	GAL	26,505.00	\$5.00	\$132,525.00	\$3.25	\$86,141.25	\$46,383.75
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	3,400.00	\$80.00	\$272,000.00	\$84.00	\$285,600.00	(\$13,600.00)
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	10,800.00	\$80.00	\$864,000.00	\$72.00	\$777,600.00	\$86,400.00
1 11.51	PLANT MIX SURFACE TREATMENT, PAVER SPOT DRAG SHIM	TON	600.00	\$90.00	\$54,000.00	\$85.00	\$51,000.00	\$3,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	59,100.00	\$2.25	\$132,975.00	\$2.25	\$132,975.00	.\$0.00
417:1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	600.00	\$10.00	\$6,000.00	\$10.08	\$6,048.00	(\$48.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	88.00	\$93.00	\$8,184.00	\$108.00	\$9,504.00	(\$1,320.00)
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	50.00	\$164.00	\$8,200.00	\$123.00	\$6,150.00	\$2,050.00
585.3	STONE FILL, CLASS C	CY	2.00	\$500.00	\$1,000.00	\$55.00	\$ 110.00	\$890.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON- WOVEN	SY	6.00	\$50.00	\$300.00	· \$6.00	\$36.00	\$264.00
604.0007	POLYETHYLENE LINER	EA	33.00	\$150.00	\$4,950.00	\$130.00	\$4,290.00	\$660.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	33.00	\$500.00	\$16,500.00	\$455.00	\$15,015.00	\$1,485.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF .	6.00	\$500.00	\$3,000.00	\$500.00	\$3,000.00	\$0.00
604.72	GRATES & FRAMES, TYPE B	EA	6.00	\$650.00	\$3,900.00	\$575.00	\$3,450.00	\$450.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	24.00	\$105.00	\$2,520.00	\$60.00	\$1,440.00	\$1,080.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	44.00	\$17.00	\$748.00	\$10.00	\$440.00	\$308.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	28.00	\$4,015.00	\$112,420.00	\$2,700.00	\$75,600.00	\$36,820.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	10.00	\$4,015.00	\$40,150.00	\$2,500.00	\$25,000.00	\$15,150.00
606:12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	5.00	\$3,285.00	\$16,425.00	\$2,555.00	\$12,775.00	\$3,650.00

Wednesday, October 2, 2019 Page 6 of 8

606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	4.00	\$4,345.00	\$17,380.00	\$2,200.00	\$8,800.00	\$8,580.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,712.50	\$28.00			\$79,818.75	\$24,131.25
608.2401	4" CONCRETE SIDEWALK	SY	322.00	\$55.00	\$17,710.00	\$60.00	\$19,320.00	(\$1,610.00)
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	55.00	\$75.00	\$4,125.00	\$440.00	\$24,200.00	(\$20,075.00)
609.01	STRAIGHT GRANITE CURB	LF	22.00	\$100.00	\$2,200.00	\$54.00	\$1,188.00	\$1,012.00
609.5	RESET GRANITE CURB	LF	348.00	\$25.00	\$8,700.00		\$8,352.00	\$348.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	480.00	\$8.00	\$3,840.00	\$9.66	\$4,636.80	(\$796.80)
615.0201	TRAFFIC SIGN TYPE B	SF	70.00	\$157.00	\$10,990.00	\$63.00	\$4,410.00	\$6,580.00
615.0301	TRAFFIC SIGN TYPE C	SF	24.00	\$130.00	\$3,120.00	\$48.00	\$1,152.00	\$1,968.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	υ	2.00	\$85.00	\$170.00	\$69.00	\$138.00	\$1,508.00
615.0501	TRAFFIC SIGN TYPE BB	SF	62.30	\$82.00	\$5,108.60	\$18.00	\$1,121.40	
615.0601	TRAFFIC SIGN TYPE CC	SF	82.30	\$77.00	\$ 6,337.10	\$32.75	\$2,695.33	\$3,987.20
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	28,000.00	\$1.00	\$28,000.00	\$1.00	\$28,000.00	\$3,641.77
618.7	FLAGGERS	HR	600.00	\$40.00	\$24,000.00	\$33.50	\$20,100.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$150,000.00	\$150,000.00	\$3,900.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$3,000.00	\$6,000.00	\$3,350.00	\$6,700.00	(\$100,000.00)
319.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$500.00	\$2,000.00	\$290.00	\$1,160.00	(\$700.00)
319.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,000.00	\$6,000.00	\$2,450.00		\$840.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	77.00	\$5.50	\$423.50	\$5.00	\$4,900.00	\$1,100.00
521.31	SINGLE DELINEATOR WITH POST	EA ·	82.00		\$4,510.00	\$43.50	\$385.00	\$38.50
321.32	DOUBLE DELINEATOR WITH POST	—— ЕА	20.00		\$1,200.00		\$3,567.00	\$943.00
528.1			42.00	\$5.00	\$210.00	\$48.00	\$960.00	\$240.00
528.2	SAWED BITUMINOUS PAVEMENT	LF	1,080.00	\$2.50		\$48.00	\$2,016.00	(\$1,806.00)
	_l		1,000.00	\$2.50	\$2,700.00	\$3.00	\$3,240.00	(\$540.00)

532.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4* LINE	LF	856,500.00	\$0.22	\$188,430.00	\$0.15	\$128,475.00	\$59,955.00
32.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE	LF	160.00	\$5.00	\$800.00	\$8.00	\$1,280.00	(\$480.00)
332.3106	(REMOVABLE) 18" LINE RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,590.00	\$1.65	\$2,623.50	\$1.44	\$2,289.60	\$333.90
532.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	370.00	\$3.30	\$1,221.00	\$3.30	\$1,221.00	\$0.00
32.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	160.00	\$6.60	\$1,056.00	\$5.91	\$945.60	\$110.40
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	111.00	\$11.00	\$1,221.00	\$13.25	\$1,470:75	(\$249.75)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	760.00	\$3.30	\$2,508.00	\$2.57	\$1,953.20	\$554.80
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	120.00	\$4.40	\$528.00	\$2.00	\$240.00	\$288.00
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	111.00	\$4.40	\$488.40	\$2.59	\$287.49	\$200.91
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	500.00	\$12.00	\$6,000.00	\$5.00	\$2,500.00	\$3,500.00
692.	MOBILIZATION	U	1.00	\$90,400.00	\$90,400.00	\$148,772.00	\$148,772.00	(\$58,372.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1006.23	SPECIAL WORK - EXTRACTED AND RECOVERED ASPHALT BINDER TESTING	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	24,000.00	\$1.00	\$24,000.00	\$1.00	\$24,000.00	\$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	\$	57,322.50	\$1.00	\$57,322.50	\$1.00	\$57,322.50	\$0.00

Total: \$4,114,712.10 \$3,929,959.17 \$184,752.93

Wednesday, October 2, 2019 Page 8 of 8

October 17, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project is part of the State's Ten Year Transportation Improvement Plan under the 2019 Federal Resurfacing Program (Pave-Tier 2-Resurface). The approximately 20 mile project consists of pavement preservation of six Tier 2 roadway segments in the Lakes Region of the state, including:

- 19303A/19303DS Wolfeboro, NH 28, 3/4" Paver Shim FW Overlay, 3.2 miles
- 19328A Ashland, US 3, 2" FW HS Wearing Course Inlay, 0.8 miles
- 20302 Tamworth-Ossipee, NH 25, 1/2" Leveling Course FW, 1 1/2" Overlay, 4.5 miles
- 20303 Holderness-Ashland, US 3, 3/4" Paver Shim FW Overlay, 2.4 miles
- 20304 Meredith-Holderness, US 3, 3/4" Paver Shim FW Overlay, 6.3 miles
- 20305/20305DS Campton, US 3, 3/4" Paver Shim FW Overlay, 2.3 miles

FEDERAL FUNDING: Pave-Tier 2-Resurfacing (80%), Turnpike Toll Credit (20%).

CONTINGENCY: The proposed contingency amount is 5% of the contract amount. The project was not surveyed and therefore, items have been quantified based on field observations, as-built plans, and aerial photos. Field adjustments may be required due to varying conditions. And, asphalt prices are currently in escalation.

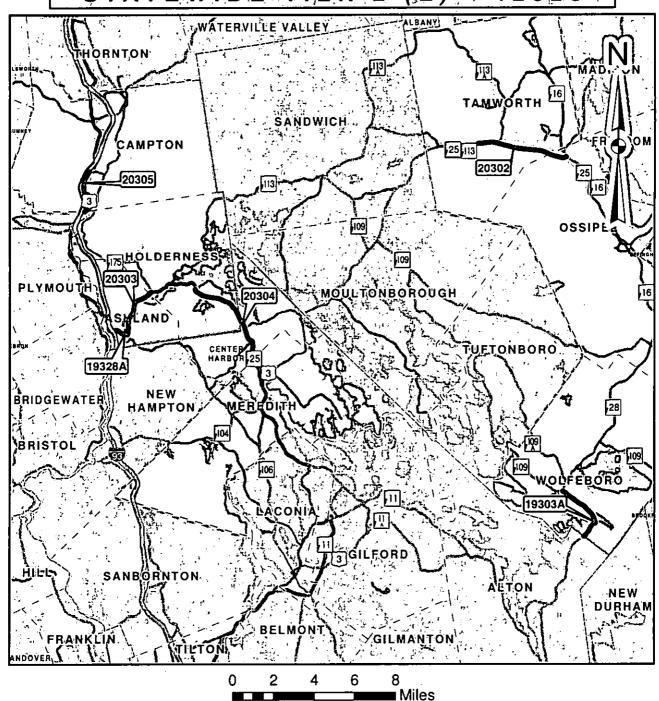
PROJECT INITIATED: The Pavement Management Section has reviewed the road segments included in this project and identified a need for a variety of pavement maintenance, preservation, and rehabilitation actions. This project will improve the roadway ride and increase safety.

PROJECT EXPLANATION: This project is part of the CY 2020 Federal Resurfacing Program. All impacted towns and utilities will be notified of the work. Both ADA curb ramp work and guardrail work will be completed as part of this project.

TRAFFIC IMPLICATION: The AADT varies throughout the different sections, one-lane, alternating two-way traffic will be required in order to complete the work. There are two signalized intersections within the project limits, however they are both within overlay sections which will not disturb the loops. There is one traffic count location within Section-20302, the Contractor will not disturb the traffic count location with the spot inlay treatment. There will be night work within Section-19303A in Wolfeboro particularly west of Pleasant Valley Rd. Lane closure lengths will be limited to one mile with a 2 mile separation required between work zones. Traffic will be restored to normal operating patterns at the end of each work day. Work zone significance was determined to be non-significant at the June 20, 2019 TCC Meeting.

FINAL COMPLETION DATE: September 11, 2020

STATEWIDE TIER 2 (E) - 42323





42323

Interstates

US Routes

- State Routes

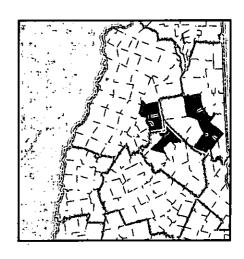
Unnumbered Routes

- Urban Compacts



State #: 42323 Federal #: X-A004(832)

LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 10/08/2019

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

REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(les) 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

;	his certificate does not confer rights to	the cert	ms and conditions of the pa tificate holder in lieu of suc	oncy, certain poin :h endorsement(s	nes may requir).	e an engorsement. A	matement	t on		
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CF	ROSS INSURANCE - LACONIA			PHONE (80)	3) 524-2425	FAX (A/C,	(603)	524-3866		
15.	5 Court Street			(A/C. No. Ext): (80. E-MAIL ADDRESS: Itikkar	en@crossagenc		<u> </u>			
l				INSURER(S) AFFORDING COVERAGE						
La	conia		NH 03246	INSURER A: Firemen's Ins. Co. of Washington D.C.						
INS	URED		<u> </u>	INSURER A: Firemen's Ins. Co. of Washington D.C. INSURER B: Acadia Ins Co.						
l	Continental Paving, Inc.			INSURER C:				1		
	 One Continental Drive 			INSURER D :						
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L_	Londonderry		NH 03053	INSURER F:	-					
			E NUMBER: CL192217872	<u> </u>		REVISION NUMBER:				
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	HIRED NON-OWNED AUTOS ONLY					PROPERTY DAMAGE (Per accident)	\$			
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	AND EMPLOYERS' LIABILITY					➤ PER STATUTE OTH				
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	DÉSCRIPTION OF OPERATIONS below	+	 -			E.L. DISEASE - POLICY LIMIT	s 500,	,000		
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DESC	CRIPTION OF OPERATIONS / LOCATIONS / VEHICLES	S (ACORD	101, Additional Remarks Schedule,	may be attached if mon	spece is regulated)					
Wor	kers Compensation 3A States: NH, MA, ME			-	,					
Job The	Reference: Statewide Resurfacing #42323 State of NH, Department of Transportation is	lietad se	additional incured for ongoing	anacations when an						
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CEF	RTIFICATE HOLDER			CANCELLATION						
•				SHOULD ANY OF	THE ABOVE DE	SCRIBED POLICIES BE C	ANCELLED	BEFORE		
	State of New Hampshire Danader	ent of T-	ananodalian		I DATE THEREOF VITH THE POLICY	F, NOTICE WILL BE DELIVI PROVISIONS	ERED IN			
	State of New Hampshire Departm 7 Hazen Drive	ient Of 111	ызропацоп		····· ···· r'OLIG1	· TIGIONG.				
	P.O. Box 483			AUTHORIZED REPRES	ENTATIVE					
	Concord		NH 03302-0483	ক).	1 .	11				



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 10/08/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER. IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(les) must 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). CONTACT NAME: PRODUCER Linda Tikkanen, CISR **CROSS INSURANCE - LACONIA** PHONE (A/C, No. Ext): E-MAIL ADDRESS: (603) 524-2425 (603) 524-3666 155 Court Street ltikkanen@crossagency.com INSURER(S) AFFORDING COVERAGE NAIC # Laconia NH 03246 Acadia Ins Co. 31325 INSURER A: INSURED MSURER B STATE OF NEW HAMPSHIRE DOT INSURER C : c/o Continental Paving, Inc. INSURER D One Continental Drive INSURER E CONCORD NH 03302 INSURER F : COVERAGES CL1910301996 **CERTIFICATE NUMBER: REVISION NUMBER:** THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES, LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. INSR LTR ADDLISUBR POLICY EFF POLICY EXP TYPE OF INSURANCE POLICY NUMBER COMMERCIAL GENERAL LIABILITY 2,000,000 EACH OCCURRENCE CLAIMS-MADE | OCCUR DAMAGE TO RENTED PREMISES (Ea occurrence) Owners & Contractors Protective MED EXP (Any one person) OCP5413295-10 10/08/2019 09/30/2021 PERSONAL & ADV INJURY GEN'L AGGREGATE LIMIT APPLIES PER: 3,000,000 GENERAL AGGREGATE POLICY PRODUCTS - COMPJOP AGG OTHER \$ **AUTOMOBILE LIABILITY** OMBINED SINGLE LIMIT (Ea accident) ANY AUTO BODILY INJURY (Per person) OWNED **SCHEDULED** AUTOS ONLY HIRED **BODILY INJURY (Per socident)** AUTOS NON-OWNED PROPERTY DAMAGE (Per accident) AUTOS ONLY AUTOS ONLY 5 \$ UMBRELLA LIAB OCCUR **EACH OCCURRENCE** 4 EXCESS LIAB CLAIMS-MADE AGGREGATE DED RETENTION \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) E.L. EACH ACCIDENT N/A E.L. DISEASE - EA EMPLOYEE If yes, describe under DESCRIPTION OF OPERATIONS below 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: Statewide Resurfacing 42323 **CERTIFICATE HOLDER 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. State of New Hampshire Department of Transportation P.O. Box 483 AUTHORIZED REPRESENTATIVE Concord NH 03302 aconer