



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



*Victoria F. Sheehan*  
Commissioner

*William Cass, P.E.*  
Assistant Commissioner

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

Bureau of Construction  
November 13, 2019

**REQUESTED ACTION**

1. Authorize the Department of Transportation to enter into a contract with Eurovia Atlantic Coast, LLC (Vendor 300694) of Charlotte, NC on the basis of a low bid of \$2,831,784.88 for resurfacing of five sections of Tier 2 roadways in District 4, 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 Fiscal Year 2020 and Fiscal Year 2021, 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 2020</u>	<u>FY 2021</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$2,194,633.22	\$637,151.66

2. Further authorize that a contingency in the amount of \$141,589.24 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 2020</u>	<u>FY 2021</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments		\$141,589.24

**EXPLANATION**

This project is part of the State's Ten Year Transportation Improvement Plan under the Paving-Tier 2-Resurfacing Program. This project is part of the Tier 2 Federal Resurfacing program and involves 14.1 miles of pavement resurfacing on five sections in eight towns in District 4.

- 18416 – Keene-Westmoreland, NH 12, ¾" Paver Shim, 3.6 miles
- 18424 – Marlborough-Dublin, NH 101, ¾" Paver Shim, 2.2 miles
- 19401 – Peterborough, NH 101, ¾" Paver Shim, include 1 mile of 13'x2" deep spot inlays, 3.2 miles
- 20404 – Peterborough-Temple, NH 101, ¾" Paver Shim, include 1 mile of 13'x2" deep spot inlays, 3.9 miles
- 20406 – Rindge, US 202, ¾" full width Paver Shim (0.9 mi) include 1 mile of 13'x2" deep spot inlays, 2" full width high strength inlay (0.3 mi), 1.2 miles

Additional work involves guardrail rehabilitation.

The purpose of this project is to extend the life of the existing pavement infrastructure and update substandard guardrail to minimize the need for costlier improvements in the near future.

The proposed contingency amount is 5% of the contract amount. This is to account for the use of aerial imagery to calculate quantities instead of surveyed data, changes in pavement condition due to the winter of 2019-2020, and escalating asphalt prices.

Although the bid costs exceeded the Department's estimate by 7.21% the low bid of 2 bids received is felt to be reasonable for the work involved. Bids received were within approximately \$5,000 of one another. 88% of the overage was related to four items: paver shim, cold planning, flaggers and BGR terminal units. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

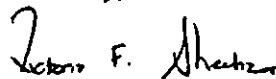
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is 80% Federal (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: \$2,641,280.47

Contract Amount: \$2,831,784.88

Over Estimate: \$ 190,504.41

Attachments



# ABC Bid Data

STATEWIDE TIER 2 (SW) RESURFACING

42289

X-A004(804)

PROJECT:	STATEWIDE TIER 2 (SW) RESURFACING	Awarded To:	EUROVIA ATLANTIC COAST LLC
STATE PROJECT NUMBER:	42289		2911 N GRAHAM STREET CHARLOTTE, NC 28206
FED. PROJECT NUMBER:	X-A004(804)	Amount:	\$2,831,784.88
DATE BIDS OPEN:	October 24, 2019, 2:00	Certified by:	<u>PETER E. STAMNAS</u> <small>Director of Project Development</small>
SCOPE OF WORK:	Resurfacing of various Tier 2 roadways in the Southwest region for Maintenance & Preservation.	Award Date:	
COMPLETION DATE:	September 11, 2020		
LOCATION:			

## Summary of Bidders

Contractor	Bid Amount	Rank
EUROVIA ATLANTIC COAST LLC 2911 N GRAHAM STREET, CHARLOTTE, NC 28206	\$2,831,784.88	A
MITCHELL SAND & GRAVEL LLC 191 REYNOLDS ROAD, SHELBURNE MA 01370	\$2,836,576.21	B

Item No.	Description	Unit	Quantity	P&E		EUROVA ATLANTIC COAST LLC 2911 N GRAHAM STREET CHARLOTTE, NC 28206		MITCHELL SAND & GRAVEL LLC 181 REYNOLDS ROAD SHELBORNE, MA 01376	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	8,450.00	\$3.09	\$26,110.50	\$3.00	\$25,350.00	\$3.50	\$29,575.00
203.5561	EAGRT PLATFORM PREFERRED	U	55.00	\$1,293.00	\$71,115.00	\$1,350.00	\$74,250.00	\$1,100.00	\$80,500.00
203.5562	EAGRT PLATFORM ALTERNATE	U	11.00	\$1,294.00	\$14,234.00	\$1,350.00	\$14,850.00	\$1,100.00	\$12,100.00
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,256.00	\$2,512.00	\$1,350.00	\$2,700.00	\$1,100.00	\$2,200.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	352.00	\$26.85	\$9,451.20	\$33.00	\$11,616.00	\$50.00	\$17,600.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$73.80	\$738.00	\$65.00	\$650.00	\$125.00	\$1,250.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	890.00	\$41.50	\$36,935.00	\$84.00	\$56,960.00	\$30.00	\$26,700.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,820.00	\$74.50	\$135,590.00	\$79.00	\$143,780.00	\$82.00	\$149,240.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	910.00	\$80.00	\$72,800.00	\$79.00	\$71,890.00	\$92.00	\$83,720.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,310.00	\$94.00	\$123,140.00	\$87.00	\$127,070.00	\$92.00	\$120,520.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	160.00	\$125.00	\$20,000.00	\$100.00	\$16,000.00	\$120.00	\$19,200.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	1,310.00	\$3.74	\$4,896.40	\$3.75	\$4,912.50	\$3.00	\$3,930.00
403.6	PAVEMENT JOINT ADHESIVE	LF	32,670.00	\$0.25	\$8,142.50	\$0.22	\$7,165.40	\$0.25	\$8,142.50
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	390.00	\$4.05	\$1,579.50	\$0.50	\$195.00	\$0.50	\$195.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	16,980.00	\$3.85	\$65,373.00	\$4.15	\$70,467.00	\$3.50	\$59,430.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	13,340.00	\$75.50	\$1,007,170.00	\$80.00	\$1,067,200.00	\$82.00	\$1,093,880.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	37,650.00	\$2.44	\$91,866.00	\$3.65	\$137,422.50	\$3.50	\$131,775.00
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	370.00	\$15.00	\$5,550.00	\$5.50	\$2,035.00	\$15.00	\$5,550.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	2.00	\$450.00	\$900.00	\$450.00	\$900.00	\$250.00	\$500.00
604.0007	POLYETHYLENE LINER	EA	17.00	\$182.80	\$2,764.20	\$230.00	\$3,910.00	\$125.00	\$2,125.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	16.00	\$466.00	\$7,456.00	\$625.00	\$10,000.00	\$700.00	\$11,200.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	1.00	\$529.00	\$529.00	\$625.00	\$625.00	\$700.00	\$700.00
606.014	6"X8" WOOD POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	28.00	\$100.98	\$2,827.44	\$105.00	\$2,940.00	\$100.00	\$2,800.00
606.0142	6"X8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	28.00	\$26.50	\$742.00	\$27.50	\$770.00	\$30.00	\$840.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	80.00	\$2,839.00	\$170,340.00	\$3,350.00	\$201,000.00	\$3,600.00	\$216,000.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	6.00	\$2,498.00	\$14,988.00	\$3,000.00	\$18,000.00	\$3,800.00	\$21,800.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	2.00	\$2,556.00	\$5,112.00	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	2.00	\$783.00	\$1,526.00	\$1,100.00	\$2,200.00	\$1,200.00	\$2,400.00

Item No.	Description	Unit	Quantity	PS&E		EUROVA ATLANTIC COAST LLC 2911 N GRAHAM STREET CHARLOTTE, NC 28206		MITCHELL SAND & GRAVEL LLC 191 REYNOLDS ROAD SHELBORNE, MA 01770	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	352.00	\$33.50	\$11,782.00	\$40.00	\$14,080.00	\$40.00	\$14,080.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	4,100.00	\$20.00	\$82,000.00	\$24.50	\$100,450.00	\$25.00	\$102,500.00
606.91454	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 3)	U	1.00	\$641.56	\$641.56	\$700.00	\$700.00	\$1,500.00	\$1,500.00
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	2,062.80	\$8.75	\$18,048.68	\$9.50	\$19,583.75	\$3.00	\$6,187.50
615.01201	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS	SF	39.99	\$100.00	\$3,999.00	\$385.00	\$14,588.35	\$85.00	\$3,399.15
615.0201	TRAFFIC SIGN TYPE B	SF	107.50	\$81.00	\$8,557.50	\$72.00	\$7,740.00	\$100.00	\$10,750.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	138.25	\$160.00	\$22,120.00	\$255.00	\$35,253.75	\$200.00	\$27,650.00
615.0301	TRAFFIC SIGN TYPE C	SF	88.75	\$48.00	\$4,260.00	\$80.00	\$5,325.00	\$60.00	\$5,325.00
615.0601	TRAFFIC SIGN TYPE CC	SF	52.53	\$33.00	\$1,733.49	\$12.50	\$656.63	\$20.00	\$1,050.60
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.00	\$1,600.00	\$9,600.00	\$1,500.00	\$9,000.00	\$1,500.00	\$9,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	2,331.00	\$1.00	\$2,331.00	\$1.00	\$2,331.00	\$1.00	\$2,331.00
618.7	FLAGGERS	HR	960.00	\$28.35	\$27,216.00	\$82.00	\$59,520.00	\$35.00	\$33,600.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$150,000.00	\$150,000.00	\$70,000.00	\$70,000.00	\$105,326.46	\$105,326.46
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,000.00	\$2,000.00	\$2,600.00	\$5,200.00	\$3,400.00	\$6,800.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$290.00	\$1,160.00	\$180.00	\$720.00	\$285.00	\$1,140.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$2,450.00	\$9,800.00	\$3,250.00	\$13,000.00	\$3,000.00	\$12,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	125.00	\$5.31	\$663.75	\$6.50	\$812.50	\$5.00	\$625.00
621.31	SINGLE DELINEATOR WITH POST	EA	350.00	\$43.00	\$15,050.00	\$50.00	\$17,500.00	\$50.00	\$17,500.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	545,000.00	\$0.18	\$98,100.00	\$0.22	\$119,900.00	\$0.24	\$130,800.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	235.00	\$3.33	\$782.55	\$3.00	\$705.00	\$2.00	\$470.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	120.00	\$8.70	\$1,044.00	\$8.50	\$780.00	\$5.00	\$600.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,850.00	\$3.00	\$5,550.00	\$1.95	\$3,607.50	\$3.00	\$5,550.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	120.00	\$7.75	\$930.00	\$6.50	\$780.00	\$9.00	\$1,080.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	500.00	\$13.25	\$6,625.00	\$10.50	\$5,250.00	\$10.00	\$5,000.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	290.00	\$3.17	\$919.30	\$2.15	\$623.50	\$1.50	\$435.00
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	130.00	\$3.24	\$421.20	\$4.25	\$552.50	\$5.00	\$650.00
646.42	TEMPORARY SLOPE MATTING TYPE B (WILDLIFE FRIENDLY)	SY	1,600.00	\$4.00	\$6,400.00	\$3.25	\$5,200.00	\$1.00	\$1,600.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	1,600.00	\$3.15	\$5,040.00	\$2.25	\$3,600.00	\$4.00	\$6,400.00
692.	MOBILIZATION	U	1.00	\$133,552.50	\$133,552.50	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1006.23	SPECIAL WORK - EXTRACTED AND RECOVERED ASPHALT BINDER TESTING	\$	3,100.00	\$1.00	\$3,100.00	\$1.00	\$3,100.00	\$1.00	\$3,100.00

Item No.	Description	Unit	Quantity	P&E		EUROPA ATLANTIC COAST LLC 2811 N GRANAM STREET CHARLOTTE, NC 28208		MITCHELL SAND & GRAVEL LLC 191 REYNOLDS ROAD SHELBORNE, MA 01778	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
1010.16	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	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	\$	10,154.00	\$1.00	\$10,154.00	\$1.00	\$10,154.00	\$1.00	\$10,154.00
<b>Totals:</b>					<b>\$2,641,280.47</b>		<b>\$2,831,784.88</b>		<b>\$2,836,578.21</b>
<b>All Totals:</b>									
<b>Totals:</b>					<b>\$2,641,280.47</b>		<b>\$2,831,784.88</b>		<b>\$2,836,578.21</b>



## PS&E Comparison

STATEWIDE TIER 2 (SW) RESURFACING

42289

X-A004(804)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
202.7	REMOVAL OF GUARDRAIL	LF	8,450.00	\$3.00	\$25,350.00	\$3.09	\$26,110.50	(\$760.50)
203.5561	EAGRT PLATFORM PREFERRED	U	55.00	\$1,350.00	\$74,250.00	\$1,293.00	\$71,115.00	\$3,135.00
203.5562	EAGRT PLATFORM ALTERNATE	U	11.00	\$1,350.00	\$14,850.00	\$1,294.00	\$14,234.00	\$616.00
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,350.00	\$2,700.00	\$1,256.00	\$2,512.00	\$188.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	352.00	\$33.00	\$11,616.00	\$26.85	\$9,451.20	\$2,164.80
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$65.00	\$650.00	\$73.80	\$738.00	(\$88.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	890.00	\$64.00	\$56,960.00	\$41.50	\$36,935.00	\$20,025.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,820.00	\$79.00	\$143,780.00	\$74.50	\$135,590.00	\$8,190.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	910.00	\$79.00	\$71,890.00	\$80.00	\$72,800.00	(\$910.00)
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,310.00	\$97.00	\$127,070.00	\$94.00	\$123,140.00	\$3,930.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	160.00	\$100.00	\$16,000.00	\$125.00	\$20,000.00	(\$4,000.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	1,310.00	\$3.75	\$4,912.50	\$3.74	\$4,899.40	\$13.10
403.6	PAVEMENT JOINT ADHESIVE	LF	32,570.00	\$0.22	\$7,165.40	\$0.25	\$8,142.50	(\$977.10)
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	390.00	\$0.50	\$195.00	\$4.05	\$1,579.50	(\$1,384.50)

410.22	ASPHALT EMULSION FOR TACK COAT	GAL	16,980.00	\$4.15	\$70,467.00	\$3.85	\$65,373.00	\$5,094.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	13,340.00	\$80.00	\$1,067,200.00	\$75.50	\$1,007,170.00	\$60,030.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	37,650.00	\$3.65	\$137,422.50	\$2.44	\$91,866.00	\$45,556.50
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	370.00	\$5.50	\$2,035.00	\$15.00	\$5,550.00	(\$3,515.00)
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	2.00	\$450.00	\$900.00	\$450.00	\$900.00	\$0.00
604.0007	POLYETHYLENE LINER	EA	17.00	\$230.00	\$3,910.00	\$162.60	\$2,764.20	\$1,145.80
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	16.00	\$625.00	\$10,000.00	\$466.00	\$7,456.00	\$2,544.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	1.00	\$625.00	\$625.00	\$529.00	\$529.00	\$96.00
606.014	6"X8" WOOD POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	28.00	\$105.00	\$2,940.00	\$100.98	\$2,827.44	\$112.56
606.0142	6"X8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	28.00	\$27.50	\$770.00	\$26.50	\$742.00	\$28.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	60.00	\$3,350.00	\$201,000.00	\$2,839.00	\$170,340.00	\$30,660.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	6.00	\$3,000.00	\$18,000.00	\$2,498.00	\$14,988.00	\$3,012.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	2.00	\$3,000.00	\$6,000.00	\$2,556.00	\$5,112.00	\$888.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	2.00	\$1,100.00	\$2,200.00	\$763.00	\$1,526.00	\$674.00
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	352.00	\$40.00	\$14,080.00	\$33.50	\$11,792.00	\$2,288.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	4,100.00	\$24.50	\$100,450.00	\$20.00	\$82,000.00	\$18,450.00
606.91454	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 3)	U	1.00	\$700.00	\$700.00	\$641.56	\$641.56	\$58.44
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	2,062.50	\$9.50	\$19,593.75	\$8.75	\$18,046.88	\$1,546.87
615.01201	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS	SF	39.99	\$365.00	\$14,596.35	\$100.00	\$3,999.00	\$10,597.35
615.0201	TRAFFIC SIGN TYPE B	SF	107.50	\$72.00	\$7,740.00	\$61.00	\$6,557.50	\$1,182.50
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	138.25	\$255.00	\$35,253.75	\$160.00	\$22,120.00	\$13,133.75



615.0301	TRAFFIC SIGN TYPE C	SF	88.75	\$60.00	\$5,325.00	\$48.00	\$4,260.00	\$1,065.00
615.0601	TRAFFIC SIGN TYPE CC	SF	52.53	\$12.50	\$656.63	\$33.00	\$1,733.49	(\$1,076.86)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.00	\$1,500.00	\$9,000.00	\$1,600.00	\$9,600.00	(\$600.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	2,331.00	\$1.00	\$2,331.00	\$1.00	\$2,331.00	\$0.00
618.7	FLAGGERS	HR	960.00	\$62.00	\$59,520.00	\$28.35	\$27,216.00	\$32,304.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$70,000.00	\$70,000.00	\$150,000.00	\$150,000.00	(\$80,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,600.00	\$5,200.00	\$1,000.00	\$2,000.00	\$3,200.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$180.00	\$720.00	\$290.00	\$1,160.00	(\$440.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$3,250.00	\$13,000.00	\$2,450.00	\$9,800.00	\$3,200.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	125.00	\$6.50	\$812.50	\$5.31	\$663.75	\$148.75
621.31	SINGLE DELINEATOR WITH POST	EA	350.00	\$50.00	\$17,500.00	\$43.00	\$15,050.00	\$2,450.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	545,000.00	\$0.22	\$119,900.00	\$0.18	\$98,100.00	\$21,800.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	235.00	\$3.00	\$705.00	\$3.33	\$782.55	(\$77.55)
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	120.00	\$6.50	\$780.00	\$8.70	\$1,044.00	(\$264.00)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,950.00	\$1.95	\$3,802.50	\$3.00	\$5,850.00	(\$2,047.50)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	120.00	\$6.50	\$780.00	\$7.75	\$930.00	(\$150.00)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	500.00	\$10.50	\$5,250.00	\$13.25	\$6,625.00	(\$1,375.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	290.00	\$2.15	\$623.50	\$3.17	\$919.30	(\$295.80)
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	130.00	\$4.25	\$552.50	\$3.24	\$421.20	\$131.30
645.42	TEMPORARY SLOPE MATTING TYPE B (WILDLIFE FRIENDLY)	SY	1,600.00	\$3.25	\$5,200.00	\$4.00	\$6,400.00	(\$1,200.00)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	1,600.00	\$2.25	\$3,600.00	\$3.15	\$5,040.00	(\$1,440.00)

692.	MOBILIZATION	U	1.00	\$125,000.00	\$125,000.00	\$133,552.50	\$133,552.50	(\$8,552.50)
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	\$	3,100.00	\$1.00	\$3,100.00	\$1.00	\$3,100.00	\$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	\$	10,154.00	\$1.00	\$10,154.00	\$1.00	\$10,154.00	\$0.00

**Total:**

\$2,831,784.88

\$2,641,280.47

\$190,504.41

October 21, 2019

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project is part of the Tier 2 Federal Resurfacing program and involves 14.1 miles of pavement resurfacing on five sections in eight towns in District 4.

Section ID	Town/City	Road	Proposed Work	Length
18416	Keene-Westmoreland	NH 12	¾" Paver Shim	3.6 miles
18424	Marlborough-Dublin	NH 101	¾" Paver Shim	2.2 miles
19401	Peterborough	NH 101	¾" Paver Shim, include 1 mile of 13'x2" deep spot inlays	3.2 miles
20404	Peterborough-Temple	NH 101	¾" Paver Shim, include 1 mile of 13'x2" deep spot inlays	3.9 miles
20406	Rindge	US 202	¾" full width paver shim (0.9 mi) include 1 mile of 13'x2" deep spot inlays, 2" full width high strength inlay (0.3 mile)	1.2 miles

Additional work involves guardrail rehabilitation.

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

**CONTINGENCY:** The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions. In addition, the sections will continue to deteriorate through the 2019-2020 winter.

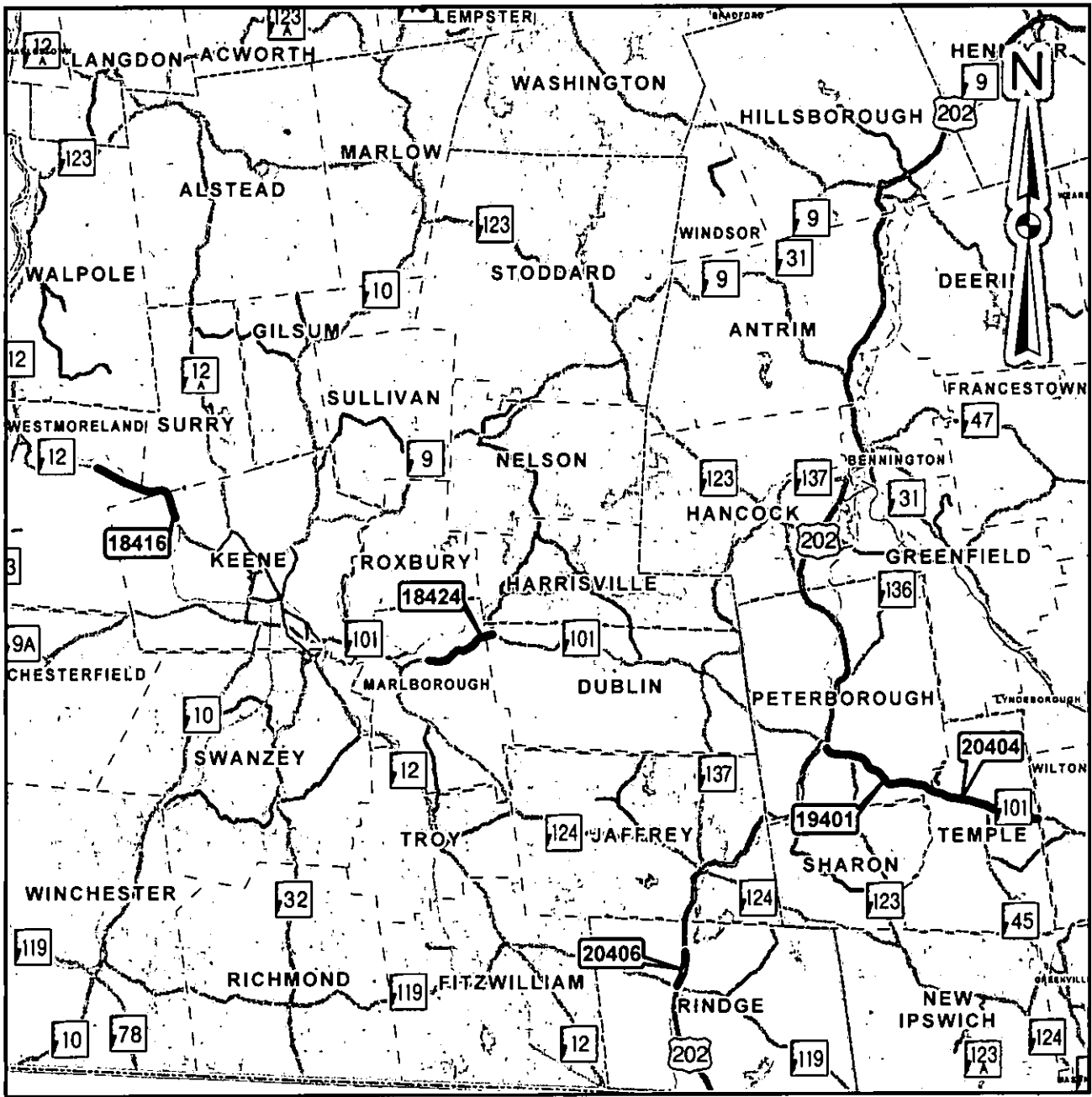
**PROJECT INITIATED:** This project was initiated through the State's Ten-Year Transportation Improvement Program, Paving-Tier-2-Resurfacing.

**PROJECT EXPLANATION:** The purpose of this project is to extend the life of the existing pavement infrastructure and update substandard guardrail to minimize the need for costlier improvements in the near future.

**TRAFFIC IMPLICATION:** This project will be completed using one-lane, alternating two-way traffic, utilizing appropriate signage, portable changeable message signs, flaggers, and uniformed officers. There is one signalized intersection within the project limits, it is within an inlay section and will require the signal loops to be replaced. Lane closures lengths will be limited to one mile and a two-mile separation will be required between work zones.

**FINAL COMPLETION DATE:** September 11, 2020

# STATEWIDE TIER 2 (SW) - 42289



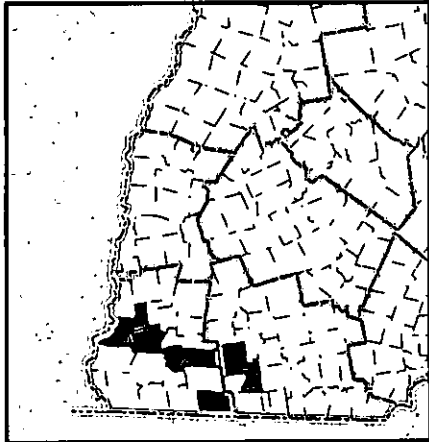
**LEGEND**

- 42289
- US Routes
- State Routes
- Unnumbered Routes
- Urban Compacts

*New Hampshire*  
**DOT**  
*Department of Transportation*

**State #: 42289**  
**Federal #: X-A004(804)**

**LOCATION MAP**





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/05/2019

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

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must 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).

<b>PRODUCER</b> Willis of Michigan, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	<b>CONTACT NAME:</b> PHONE (A/C No. Ext): 1-877-945-7378      FAX (A/C No): 1-888-467-2378	
	<b>E-MAIL ADDRESS:</b> certificates@willis.com	
<b>INSURED</b> Eurovia Atlantic Coast, LLC 2911 N Graham St Charlotte, NC 28206 USA	<b>INSURER(S) AFFORDING COVERAGE</b> <b>NAIC #</b>	
	<b>INSURER A:</b> Zurich American Insurance Company      16535	
	<b>INSURER B:</b> XL Specialty Insurance Company      37885	
	<b>INSURER C:</b> American Zurich Insurance Company      40142	
	<b>INSURER D:</b> AGCS Marine Insurance Company      22837	
	<b>INSURER E:</b> <b>INSURER F:</b>	

**COVERAGES**      **CERTIFICATE NUMBER: W13754288**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GENL AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		Y	GLO0184998-04	10/01/2019	10/01/2020	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMPOP AGG \$ 4,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY		Y	BAP0184997-04	10/01/2019	10/01/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 3,000,000 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 <input checked="" type="checkbox"/> DED    RETENTION \$ 10,000		Y	US00064220LI19A	10/01/2019	10/01/2020	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	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	No	WC0184999-04	10/01/2019	10/01/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Builders Risk/Installation			MXI93044965	10/01/2019	10/01/2020	Any One Location \$50,000,000 Transit Limit: \$500,000 Temporary Location: \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Umbrella Extends over the General Liability, Auto Liability and Workers' Compensation Employers' Liability.  
SEE ATTACHED

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



### ADDITIONAL REMARKS SCHEDULE

AGENCY Willis of Michigan, Inc.		NAMED INSURED Eurovia Atlantic Coast, LLC 2911 N Graham St Charlotte, NC 28206 USA	
POLICY NUMBER See Page 1		EFFECTIVE DATE: See Page 1	
CARRIER See Page 1	NAIC CODE See Page 1		

**ADDITIONAL REMARKS**

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Flood \$5,000,000  
Earthquake \$5,000,000

Job Project Location: Statewide Tier 2 (SW) Resurfacing, X-A004(804), 42289

The State of New Hampshire, Department of Transportation is included as an Additional Insured as respects to General Liability and Auto Liability where required by contract

Umbrella is follow-form Primary policies, including Additional Insured

