



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Assistant Commissioner

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

Bureau of Construction
May 28, 2020

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Brox Industries, Inc. (Vendor 177569) of Dracut, MA, on the basis of a low bid of \$1,685,379.87, for roadway resurfacing, from the date of Governor and Council approval through September 25, 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:	<u>FY 2020</u>	<u>FY 2021</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$775,274.75	\$910,105.12

2. Further authorize that a contingency in the amount of \$84,268.99 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		\$84,268.99

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan. This project is part of the Pave-T1-Resurfacing & Pave-T2-Resurfacing Program resurfaces one (1) Tier 1 section on I-293 in Manchester and two (2) Tier 2 sections on NH 111 in Salem, Derry and Hampstead. The roadways fall within Maintenance Districts 5 and 6 in Hillsborough and Rockingham Counties. The sections total approximately 5.2 miles in length.

- 19501 – Salem-Derry, NH 111, Travel Way and 1 ft. BWC Type C Overlay (Mainline), Fog Seal Shoulders; Island Pond Road Intersection: 1.5" Full Width High Strength Inlay from 750' West of Eastbound Stop Bar to 750' East of Westbound Stop Bar, 1.6 miles
- 19602A – Hampstead, NH 111, Full Width BWC Type C Overlay, 1.1 miles
- 20528SI – Manchester, I-293, 13' Wide by 2" Deep Single Lane Spot Inlays, 2.5 miles

This project will extend the life of existing pavement and delay costlier improvements. Section 19602A was cut from the 2019 Statewide BWC (E) 42246 contract. Section 20528SI will receive spot inlay work prior to the CY 2021 Manchester 42635 full width overlay project. These two sections need to be completed in CY 2020.

The proposed contingency amount is 5% of the contract amount. This project was quantified using aerial and street view photography.

Although the bid costs exceeded the Department's estimate by 13.81%, the low bid of two bids received, is felt to be reasonable for the work involved. The two bids received were within \$1,900.00 of one another. Four items of significance contributed to 100% of the overage: cold planing, crack filling and paving (2). There were eight major items (item total more than 3% of the contract). The four significant items were major items. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

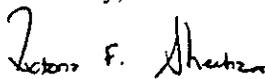
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure.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

This project funding is: 80% Federal (Pave-T1-Resurfacing and Pave-T2-Resurfacing), with anticipated utilization of Turnpike Toll Credit for the State's 20% match, effectively using 100% Federal Funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Your approval of this resolution is respectfully requested.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$1,480,862.90
Contract Amount: \$1,685,379.87
Over Estimate: \$ 204,516.97
Attachments



ABC Bid Data

MANCHESTER
42635A
X-A005(001)

PROJECT: MANCHESTER
STATE PROJECT NUMBER: 42635A
FED. PROJECT NUMBER: X-A005(001)
DATE BIDS OPEN: April 30, 2020, 2:00
SCOPE OF WORK: HBP inlays along I-293/NH101 and BWC along NH 111
COMPLETION DATE: September 25, 2020
LOCATION: Hillsborough, Rockingham

Awarded To: BROX INDUSTRIES, INC.
1471 METHUEN STREET
DRACUT, MA 01826

Amount: \$1,685,379.87
Award Date:

Certified by: PETER.E.STAMNAS
Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
BROX INDUSTRIES, INC. 1471 METHUEN STREET, DRACUT MA 01826	\$1,685,379.87	A
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$1,687,253.68	B

ABC Bid Data

MANCHESTER

42635A

X-A005(001)

Item No.	Description	Unit	Quantity	P&E		BROX INDUSTRIES, INC. 1071 METHUEN STREET DRACUT, MA 01826		PICE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	185.00	\$75.00	\$13,875.00	\$61.64	\$11,403.40	\$60.00	\$11,100.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	2,283.00	\$95.00	\$216,885.00	\$110.00	\$251,130.00	\$110.75	\$252,842.25
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,418.00	\$95.00	\$134,710.00	\$115.00	\$163,070.00	\$124.50	\$176,541.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	.50	\$500.00	\$250.00	\$249.30	\$124.65	\$1,000.00	\$500.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,535.00	\$4.25	\$15,023.75	\$7.19	\$25,416.65	\$7.00	\$24,745.00
403.6	PAVEMENT JOINT ADHESIVE	LF	32,748.00	\$0.30	\$9,824.40	\$0.47	\$15,391.56	\$0.36	\$11,789.28
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	2,007.00	\$5.00	\$10,035.00	\$8.80	\$17,661.60	\$6.00	\$12,042.00
410.752	EMULSIFIED ASPHALT FOG SEAL	GAL	2,241.00	\$5.00	\$11,205.00	\$6.75	\$15,126.75	\$5.00	\$11,205.00
410.753	COVER AGGREGATE	TON	5.00	\$2,000.00	\$10,000.00	\$2,320.40	\$11,602.00	\$2,000.00	\$10,000.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	30,758.00	\$2.00	\$61,516.00	\$3.83	\$117,803.14	\$3.25	\$99,963.50
417.	COLD PLANING BITUMINOUS SURFACES	SY	33,718.00	\$3.00	\$101,154.00	\$5.50	\$185,449.00	\$3.25	\$109,583.50
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	87.00	\$7.50	\$652.50	\$26.74	\$2,326.38	\$6.00	\$522.00
417.21	MICRO-MILLING BITUMINOUS SURFACES	SY	13,201.00	\$3.00	\$39,603.00	\$2.62	\$34,586.62	\$2.00	\$26,402.00
417.412	RUMBLE STRIPS, 12" WIDE	LF	8,181.00	\$1.50	\$12,271.50	\$1.51	\$12,353.31	\$1.30	\$10,635.30
417.4122	RUMBLE STRIPS, 12" WIDE (SINUSOIDAL)	LF	5,339.00	\$1.75	\$9,343.25	\$1.97	\$10,517.83	\$1.30	\$6,940.70
417.63	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	7,947.00	\$2.50	\$19,867.50	\$2.35	\$18,675.45	\$3.75	\$29,801.25
419.13	BONDED WEARING COURSE, TYPE C	TON	2,117.00	\$130.00	\$275,210.00	\$135.00	\$285,795.00	\$114.00	\$241,338.00
419.3	POLYMER MODIFIED EMULSION FOR BWC	GAL	12,448.00	\$4.00	\$49,792.00	\$4.08	\$50,787.84	\$3.25	\$40,456.00
615.0201	TRAFFIC SIGN TYPE B	SF	5.32	\$100.00	\$532.00	\$59.59	\$317.02	\$70.00	\$372.40
615.023	REMOVING TRAFFIC SIGN TYPE B	U	2.00	\$125.00	\$250.00	\$31.36	\$62.72	\$250.00	\$500.00
615.0301	TRAFFIC SIGN TYPE C	SF	156.75	\$50.00	\$7,837.50	\$35.50	\$5,564.63	\$49.50	\$7,759.13
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	20.00	\$40.00	\$800.00	\$31.36	\$627.20	\$25.00	\$500.00
615.0501	TRAFFIC SIGN TYPE BB	SF	5.32	\$17.50	\$93.10	\$14.79	\$78.68	\$20.00	\$106.40
615.0601	TRAFFIC SIGN TYPE CC	SF	23.32	\$20.00	\$466.40	\$14.79	\$344.90	\$15.00	\$349.80

ABC Bid Data

MANCHESTER

42635A

X-A005(001)

Item No.	Description	Unit	Quantity	P&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01828		PRICE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	1.00	\$600.00	\$600.00	\$1,505.13	\$1,505.13	\$1,200.00	\$1,200.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	4.00	\$1,500.00	\$6,000.00	\$1,881.42	\$7,525.68	\$1,500.00	\$6,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	25,700.00	\$1.00	\$25,700.00	\$1.00	\$25,700.00	\$1.00	\$25,700.00
618.7	FLAGGERS	HR	840.00	\$37.00	\$31,080.00	\$39.50	\$33,180.00	\$38.00	\$31,920.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$130,000.00	\$130,000.00	\$84,000.00	\$84,000.00	\$155,000.00	\$155,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$3,400.00	\$10,200.00	\$2,144.82	\$6,434.46	\$2,100.00	\$6,300.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	3.00	\$200.00	\$600.00	\$940.71	\$2,822.13	\$250.00	\$750.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$1,500.00	\$6,000.00	\$2,144.82	\$8,579.28	\$1,300.00	\$5,200.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	132,396.00	\$0.15	\$19,859.40	\$0.26	\$34,422.96	\$0.22	\$29,127.12
632.01049	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	56,884.00	\$0.15	\$8,532.60	\$0.25	\$14,221.00	\$0.20	\$11,376.80
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	61,663.00	\$0.20	\$12,372.60	\$0.32	\$19,796.16	\$0.25	\$15,465.75
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	5,318.00	\$2.50	\$13,295.00	\$1.08	\$5,743.44	\$1.00	\$5,318.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	79.00	\$7.00	\$553.00	\$3.95	\$312.05	\$4.00	\$316.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,040.00	\$1.20	\$1,248.00	\$3.76	\$3,910.40	\$3.00	\$3,120.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	79.00	\$10.00	\$790.00	\$12.55	\$991.45	\$10.00	\$790.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	403.00	\$10.00	\$4,030.00	\$15.05	\$6,085.15	\$12.00	\$4,836.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	53,175.00	\$0.50	\$26,587.50	\$0.63	\$33,500.25	\$0.50	\$26,587.50
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	48.00	\$1.30	\$62.40	\$2.50	\$120.00	\$2.00	\$96.00
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	358.00	\$1.50	\$534.00	\$2.50	\$890.00	\$2.00	\$712.00
692.	MOBILIZATION	U	1.00	\$120,177.50	\$120,177.50	\$98,000.00	\$98,000.00	\$210,000.00	\$210,000.00
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
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.21	ASPHALT CEMENT ADJUSTMENT FOR EMULSION	\$	2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	10,844.00	\$1.00	\$10,844.00	\$1.00	\$10,844.00	\$1.00	\$10,844.00



ABC Bid Data

MANCHESTER
42635A
X-A005(001)

Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01828		PRICE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
Totals:					\$1,480,862.90		\$1,685,379.87		\$1,687,253.68
Alt. Totals:									
Totals:					\$1,480,862.90		\$1,685,379.87		\$1,687,253.68

PS&E Comparison

MANCHESTER
 42635A
 X-A005(001)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	185.00	\$61.64	\$11,403.40	\$75.00	\$13,875.00	(\$2,471.60)
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	2,283.00	\$110.00	\$251,130.00	\$95.00	\$216,885.00	\$34,245.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,418.00	\$115.00	\$163,070.00	\$95.00	\$134,710.00	\$28,360.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	.50	\$249.30	\$124.65	\$500.00	\$250.00	(\$125.35)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,535.00	\$7.19	\$25,416.65	\$4.25	\$15,023.75	\$10,392.90
403.6	PAVEMENT JOINT ADHESIVE	LF	32,748.00	\$0.47	\$15,391.56	\$0.30	\$9,824.40	\$5,567.16
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	2,007.00	\$8.80	\$17,661.60	\$5.00	\$10,035.00	\$7,626.60
410.752	EMULSIFIED ASPHALT FOG SEAL	GAL	2,241.00	\$6.75	\$15,126.75	\$5.00	\$11,205.00	\$3,921.75
410.753	COVER AGGREGATE	TON	5.00	\$2,320.40	\$11,602.00	\$2,000.00	\$10,000.00	\$1,602.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	30,758.00	\$3.83	\$117,803.14	\$2.00	\$61,516.00	\$56,287.14
417.	COLD PLANING BITUMINOUS SURFACES	SY	33,718.00	\$5.50	\$185,449.00	\$3.00	\$101,154.00	\$84,295.00
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	87.00	\$26.74	\$2,326.38	\$7.50	\$652.50	\$1,673.88
417.21	MICRO-MILLING BITUMINOUS SURFACES	SY	13,201.00	\$2.62	\$34,586.62	\$3.00	\$39,603.00	(\$5,016.38)
417.412	RUMBLE STRIPS, 12" WIDE	LF	8,181.00	\$1.51	\$12,353.31	\$1.50	\$12,271.50	\$81.81



PS&E Comparison

MANCHESTER
42635A
X-A005(001)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
417.4122	RUMBLE STRIPS, 12" WIDE (SINUSOIDAL)	LF	5,339.00	\$1.97	\$10,517.83	\$1.75	\$9,343.25	\$1,174.58
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	7,947.00	\$2.35	\$18,675.45	\$2.50	\$19,867.50	(\$1,192.05)
419.13	BONDED WEARING COURSE, TYPE C	TON	2,117.00	\$135.00	\$285,795.00	\$130.00	\$275,210.00	\$10,585.00
419.3	POLYMER MODIFIED EMULSION FOR BWC	GAL	12,448.00	\$4.08	\$50,787.84	\$4.00	\$49,792.00	\$995.84
615.0201	TRAFFIC SIGN TYPE B	SF	5.32	\$59.59	\$317.02	\$100.00	\$532.00	(\$214.98)
615.023	REMOVING TRAFFIC SIGN TYPE B	U	2.00	\$31.36	\$62.72	\$125.00	\$250.00	(\$187.28)
615.0301	TRAFFIC SIGN TYPE C	SF	156.75	\$35.50	\$5,564.63	\$50.00	\$7,837.50	(\$2,272.87)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	20.00	\$31.36	\$627.20	\$40.00	\$800.00	(\$172.80)
615.0501	TRAFFIC SIGN TYPE BB	SF	5.32	\$14.79	\$78.68	\$17.50	\$93.10	(\$14.42)
615.0601	TRAFFIC SIGN TYPE CC	SF	23.32	\$14.79	\$344.90	\$20.00	\$466.40	(\$121.50)
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	1.00	\$1,505.13	\$1,505.13	\$600.00	\$600.00	\$905.13
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	4.00	\$1,881.42	\$7,525.68	\$1,500.00	\$6,000.00	\$1,525.68
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	25,700.00	\$1.00	\$25,700.00	\$1.00	\$25,700.00	\$0.00
618.7	FLAGGERS	HR	840.00	\$39.50	\$33,180.00	\$37.00	\$31,080.00	\$2,100.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$84,000.00	\$84,000.00	\$130,000.00	\$130,000.00	(\$46,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$2,144.82	\$6,434.46	\$3,400.00	\$10,200.00	(\$3,765.54)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	3.00	\$940.71	\$2,822.13	\$200.00	\$600.00	\$2,222.13



PS&E Comparison

MANCHESTER
42635A
X-A005(001)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$2,144.82	\$8,579.28	\$1,500.00	\$6,000.00	\$2,579.28
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	132,396.00	\$0.26	\$34,422.96	\$0.15	\$19,859.40	\$14,563.56
632.01049	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	56,884.00	\$0.25	\$14,221.00	\$0.15	\$8,532.60	\$5,688.40
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	61,863.00	\$0.32	\$19,796.16	\$0.20	\$12,372.60	\$7,423.56
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	5,318.00	\$1.08	\$5,743.44	\$2.50	\$13,295.00	(\$7,551.56)
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	79.00	\$3.95	\$312.05	\$7.00	\$553.00	(\$240.95)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,040.00	\$3.76	\$3,910.40	\$1.20	\$1,248.00	\$2,662.40
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	79.00	\$12.55	\$991.45	\$10.00	\$790.00	\$201.45
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	403.00	\$15.05	\$6,065.15	\$10.00	\$4,030.00	\$2,035.15
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	53,175.00	\$0.63	\$33,500.25	\$0.50	\$26,587.50	\$6,912.75
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	48.00	\$2.50	\$120.00	\$1.30	\$62.40	\$57.60
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	356.00	\$2.50	\$890.00	\$1.50	\$534.00	\$356.00
692.	MOBILIZATION	U	1.00	\$98,000.00	\$98,000.00	\$120,177.50	\$120,177.50	(\$22,177.50)
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	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00



PS&E Comparison

MANCHESTER
42635A
X-A005(001)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.21	ASPHALT CEMENT ADJUSTMENT FOR EMULSION	\$	2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	10,844.00	\$1.00	\$10,844.00	\$1.00	\$10,844.00	\$0.00
Total:					\$1,685,379.87		\$1,480,862.90	\$204,516.97

March 23, 2020

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project resurfaces one (1) Tier 1 section on I-293 in Manchester and two (2) Tier 2 sections on NH 111 in Salem-Derry and Hampstead. The roadways fall within Maintenance Districts 5 and 6 in Hillsborough and Rockingham Counties. The sections total approximately 5.2 miles in length.

Section ID	Town/City	Road	Proposed Work	Length
19501	Salem-Derry	NH 111	Travel Way + 1 ft. BWC Type C Overlay (Mainline), Fog Seal Shoulders Island Pond Road Intersection: 1.5" Full Width High Strength Inlay from 750' West of Eastbound Stop Bar to 750' East of Westbound Stop Bar.	1.6 miles
19602A	Hampstead	NH 111	Full Width BWC Type C Overlay	1.1 miles
20528SI	Manchester	I-293	13' Wide by 2" Deep Single Lane Spot Inlays	2.5 miles

FEDERAL FUNDING: Pave-T1-Resurf & Pave-T2-Resurf (80%), Turnpike Toll Credit (20%)

CONTINGENCY: The proposed contingency amount is 5% of the contract amount. This project was quantified using aerial and street view photography.

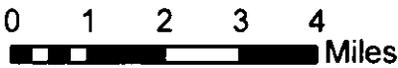
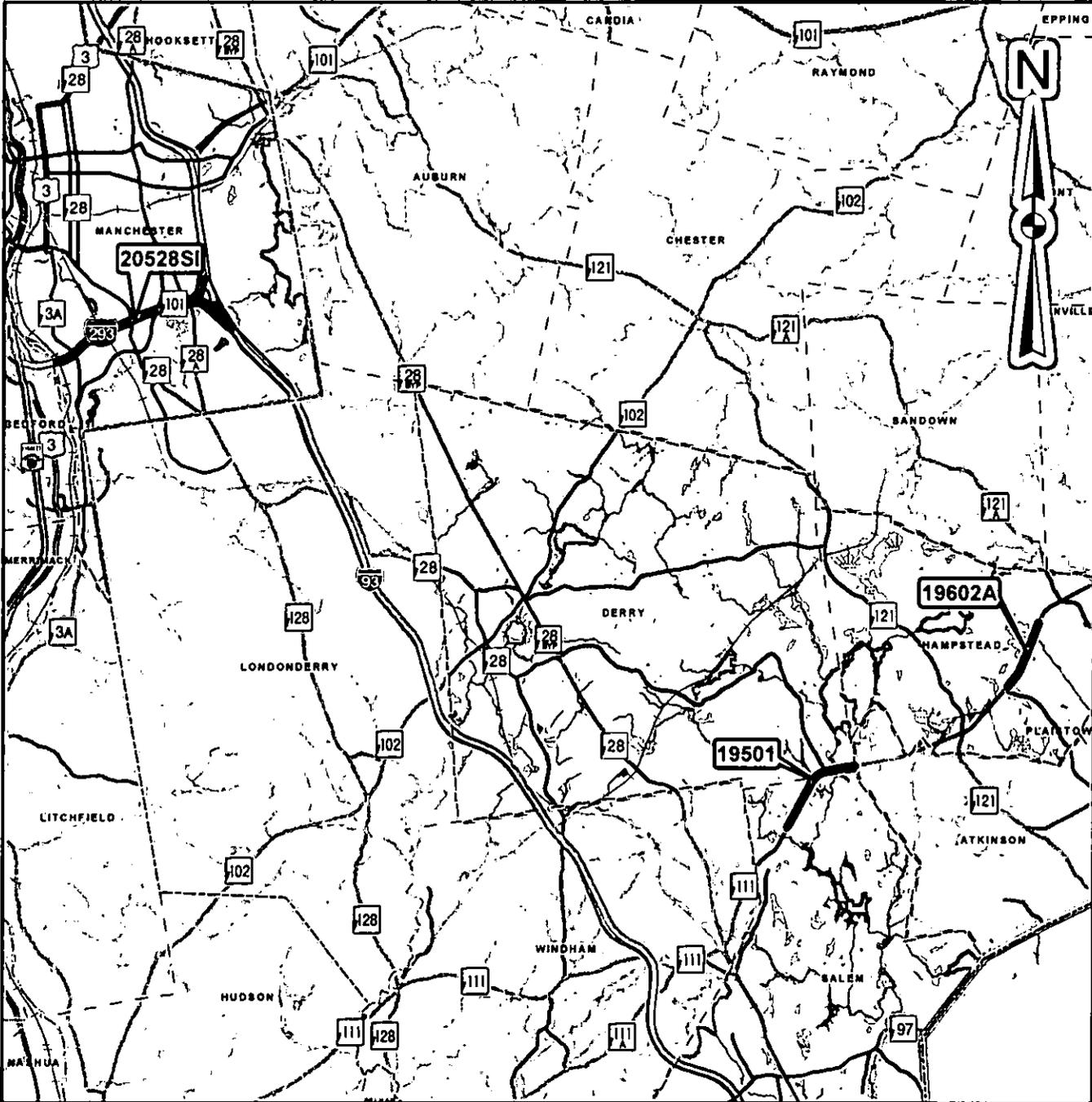
PROJECT INITIATED: This project is part of the CY 2020 Tier 1 and Tier 2 Federal Resurfacing Program.

PROJECT EXPLANATION: This project will extend the life of existing pavement and delay costlier improvements. Section 19602A was cut from the 2019 Statewide BWC (E) 42246 contract. Section 20528SI will receive spot inlay work prior to the CY 2021 Manchester 42635 full width overlay project. These two sections need to be completed in CY 2020.

TRAFFIC IMPLICATION: All work requiring a lane closure will be done at night. A 16-foot minimum lane width will be maintained at all times when travel is limited to one lane on I-293. On NH 111, one lane will be closed at a time during paving operations. These sections will use one-lane, alternating two-way traffic, lane shifts, and shoulder closures where necessary to complete the work, supplemented with uniformed officers and flaggers.

FINAL COMPLETION DATE: September 25, 2020.

Manchester 42635A



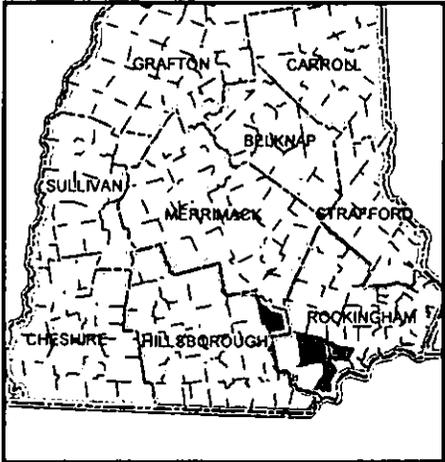
LEGEND

- 42635A
- Turnpikes
- Interstates
- US Routes
- State Routes
- Unnumbered Routes
- Urban Compacts

New Hampshire
DOT
 Department of Transportation

State #: 42635A
Federal #: X-A005(001)

LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/19/2020

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 THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511		CONTACT NAME: Danielle Rice PHONE (A/C No. Ext): (603) 224-2562 FAX (A/C No.): (603) 224-8012 E-MAIL ADDRESS: drice@rowleyagency.com	
INSURED Brox Industries, Inc. 1471 Methuen Street Dracut MA 01826		INSURER(S) AFFORDING COVERAGE	
		INSURER A: Union Insurance Company	NAIC # 25844
		INSURER B: Acadia Insurance Company	NAIC # 31325
		INSURER C: Allied World National Assurance Company	
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 19-20 General w\$5mm UB **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 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X		CPA0175495-25	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" 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	X		CAA0175825-23 NAA0178524-22	10/1/2019	10/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$	X		03120466	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	Section 3A States: NH, MA, ME WCA0175962-25	10/1/2019	10/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000

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

Start/end date: 6/1/20-9/25/20

Project: Manchester X-A005(001), 42635A. The State of NH, DOT is an additional insured, on a primary & noncontributory basis w/respect to general liability, auto and umbrella policies when required by written contract. Waiver of Subrogation applies w/respects to general liability, auto and umbrella policies when required by written contract.

CERTIFICATE HOLDER**CANCELLATION**

State of NH - DOT
7 Hazen Drive
PO Box 483
Concord, NH 03302-0483

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Danielle Rice/DJR

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
5/19/2020

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INSURED State of NH Department of Transportation 7 Hazen Drive PO Box 483 Concord NH 03302-0483		INSURER(S) AFFORDING COVERAGE INSURER A: Acadia Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 31325	

COVERAGES **CERTIFICATE NUMBER:** 20-21 OCP Manchester **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			OCP06012020	6/1/2020	6/1/2021	EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input checked="" type="checkbox"/> Owners & Contractors						MED EXP (Any one person) \$
	<input type="checkbox"/> Protective Liability						PERSONAL & ADV INJURY \$
GENL AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE \$ 3,000,000
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG \$
	OTHER:						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS						\$
	<input type="checkbox"/> NON-OWNED AUTOS						\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	<input type="checkbox"/> EXCESS LIAB						AGGREGATE \$
	<input type="checkbox"/> OCCUR						\$
	<input type="checkbox"/> CLAIMS-MADE						\$
	DED						\$
	RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y/N	<input type="checkbox"/> N/A				OTH-ER
	If yes, describe under DESCRIPTION OF OPERATIONS below						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)

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Project: Manchester X-A005(001), 42635A.

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CANCELLATION

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AUTHORIZED REPRESENTATIVE

Danielle Rice/DJR

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