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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  
December 9, 2019

**REQUESTED ACTION**

1. Authorize the Department of Transportation to enter into a contract with Pike Industries, Inc. of Belmont, NH (Vendor 177300), on the basis of a low bid of \$6,839,152.50 for incremental widening and overlay of I-93 to a four lane facility from Exit 1 in Salem to just north of Exit 3 in Windham, from the date of Governor and Council approval through August 28, 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	\$3,253,839.07	\$1,231,047.40
 04-96-96-963515-5211		
TIFIA Construction		
400-500870 Highway Contract Payments	\$2,354,266.03	

2. Further authorize that a contingency in the amount of \$341,957.63 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		\$341,957.63

**EXPLANATION**

This project is part of the State's Ten Year Transportation Improvement Plan. This project involves addressing the I-93 NB and SB mainline construction elements to allow implementation of the full four lane facility from Exit 1 in Salem to just north of Exit 3 in Windham (approximately 6.1 miles along I-93 NB and 4.8 miles along I-93 SB). This work includes pavement widening, drainage, guardrail, pavement markings and signing elements. Additionally, the work includes completing the corridor wide ITS hardware

infrastructure elements, extending to just north of Exit 5, for an overall project limit of work of approximately 14.4 miles.

These improvements are part of the overall Salem-Manchester I-93 expansion project. This project is the last in a long series of construction projects which completes the 4-lane construction (pavement, markings, and signage) from Exit 1 through Exit 5.

The proposed contingency amount is 5% of the contract amount. This is to account for unanticipated traffic control plan adjustments/modifications, and coordination efforts with the on-going 13933A and 14633D Contracts.

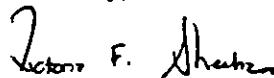
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 as follows: Construction Items are 100% Transportation Infrastructure Finance Innovation Act (TIFIA) Credit up to \$2,354,266.03, with the remainder as 80% Federal Aid with 20% Turnpike Toll Credits, 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: \$8,979,104.50  
Contract Amount: \$6,839,152.50  
Under Estimate: \$2,139,952.00  
Attachments



# ABC Bid Data

SALEM TO MANCHESTER

14633J

A004(438)

PROJECT: SALEM TO MANCHESTER

STATE PROJECT NUMBER: 14633J

FED. PROJECT NUMBER: A004(438)

DATE BIDS OPEN: October 24, 2019, 2:00

SCOPE OF WORK: Exit 1 to Exit 5 - Construct 4th lane northbound and southbound

COMPLETION DATE: August 28, 2020

LOCATION: Rockingham

Awarded To: PIKE INDUSTRIES, INC.  
3 EASTGATE PARK ROAD  
BELMONT, NH 03220

Amount: \$6,839,152.50

Award Date:

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

## Summary of Bidders

Contractor	Bid Amount	Rank
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$6,839,152.50	A
WEAVER BROS. CONST. CO., INC. 1629 RTE 3A, BOW NH 03304	\$7,230,620.25	B

Item No.	Description	Unit	Quantity	PS&E		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		WEAVER BROS. CONST. CO., INC. 1829 RTE 3A BOW, NH 03304	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.1	CLEARING AND GRUBBING (F)	A	.23	\$25,000.00	\$5,750.00	\$35,000.00	\$8,050.00	\$62,000.00	\$14,260.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	100.00	\$15.00	\$1,500.00	\$4.25	\$425.00	\$15.00	\$1,500.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	100.00	\$20.00	\$2,000.00	\$4.75	\$475.00	\$25.00	\$2,500.00
202.32	FILL AND ABANDON STRUCTURE	CY	60.00	\$350.00	\$21,000.00	\$650.00	\$39,000.00	\$375.00	\$22,500.00
202.7	REMOVAL OF GUARDRAIL	LF	9,700.00	\$4.00	\$38,800.00	\$3.75	\$36,375.00	\$5.00	\$48,500.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	270.00	\$24.00	\$6,480.00	\$40.00	\$10,800.00	\$50.00	\$13,500.00
202.83501	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83502	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83503	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83504	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83505	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83506	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.841	REMOVAL OF PULL BOX	EA	3.00	\$200.00	\$600.00	\$850.00	\$2,550.00	\$350.00	\$1,050.00
203.1	COMMON EXCAVATION	CY	5,700.00	\$18.00	\$102,600.00	\$55.00	\$313,500.00	\$19.00	\$108,300.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$1,400.00	\$2,800.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00
203.5561	EAGRT PLATFORM PREFERRED	U	13.00	\$1,750.00	\$22,750.00	\$1,650.00	\$21,450.00	\$1,750.00	\$22,750.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	359.00	\$20.00	\$7,180.00	\$35.00	\$12,565.00	\$28.00	\$10,052.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	106.00	\$49.00	\$5,194.00	\$55.00	\$5,830.00	\$55.00	\$5,830.00
209.61	LIGHTWEIGHT AGGREGATE BACKFILL	CY	170.00	\$400.00	\$68,000.00	\$100.00	\$17,000.00	\$230.00	\$39,100.00
214.	FINE GRADING	U	1.00	\$170,000.00	\$170,000.00	\$75,000.00	\$75,000.00	\$160,000.00	\$160,000.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,175.00	\$30.00	\$65,250.00	\$35.00	\$76,125.00	\$23.00	\$50,025.00
304.41	CRUSHED STONE (FINE GRADATION) FOR SHIM	CY	810.00	\$36.00	\$29,160.00	\$60.00	\$48,600.00	\$42.85	\$34,708.50
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	200.00	\$95.00	\$19,000.00	\$105.00	\$21,000.00	\$80.00	\$16,000.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	20,500.00	\$80.00	\$1,640,000.00	\$74.00	\$1,517,000.00	\$82.00	\$1,681,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	130.00	\$200.00	\$26,000.00	\$225.00	\$29,250.00	\$130.00	\$16,900.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	20,500.00	\$2.50	\$51,250.00	\$3.00	\$61,500.00	\$1.65	\$33,825.00
403.6	PAVEMENT JOINT ADHESIVE	LF	256,500.00	\$0.60	\$153,900.00	\$0.24	\$61,560.00	\$0.26	\$66,690.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	14,500.00	\$4.50	\$65,250.00	\$3.50	\$50,750.00	\$3.85	\$55,825.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	94,000.00	\$3.00	\$282,000.00	\$2.50	\$235,000.00	\$1.65	\$155,100.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	200,000.00	\$0.65	\$130,000.00	\$0.24	\$48,000.00	\$0.20	\$40,000.00

Item No.	Description	Unit	Quantity	PS&E		PKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		WEAVER BROS. CONST. CO., INC. 1429 RTE 3A BOW, NH 03304	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
504.1	COMMON BRIDGE EXCAVATION (F)	CY	98.00	\$35.00	\$3,430.00	\$45.00	\$4,410.00	\$100.00	\$9,800.00
564.62	LIGHTING SYSTEM CONNECTION	U	1.00	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00	\$40,000.00	\$40,000.00
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	638.00	\$175.00	\$111,650.00	\$40.00	\$25,520.00	\$90.00	\$57,420.00
604.0007	POLYETHYLENE LINER	EA	40.00	\$250.00	\$10,000.00	\$145.00	\$5,800.00	\$190.00	\$7,600.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	45.00	\$550.00	\$24,750.00	\$1,000.00	\$45,000.00	\$405.00	\$18,225.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	410.00	\$20.00	\$8,200.00	\$100.00	\$41,000.00	\$110.00	\$45,100.00
606.12031	BEAM GUARDRAIL (THRIE BEAM-MODIFIED) INCLUDING TRANS SECT, STEEL POSTS	LF	25.00	\$100.00	\$2,500.00	\$40.00	\$1,000.00	\$50.00	\$1,250.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	47.00	\$3,300.00	\$155,100.00	\$4,000.00	\$188,000.00	\$4,200.00	\$197,400.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	7.00	\$1,500.00	\$10,500.00	\$900.00	\$6,300.00	\$1,000.00	\$7,000.00
606.141	BEAM GUARDRAIL (CURVED WCRT POSTS)	LF	35.00	\$30.00	\$1,050.00	\$38.00	\$1,330.00	\$40.00	\$1,400.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	176.00	\$25.00	\$4,375.00	\$28.00	\$4,900.00	\$30.00	\$5,250.00
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	3.00	\$4,300.00	\$12,900.00	\$4,500.00	\$13,500.00	\$5,000.00	\$15,000.00
606.33239	SINGLE-FACED THRIE BEAM TRANSITION RAIL, STEEL POST (MODIFIED)	U	1.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00
606.41151	54" SINGLE FACED, SINGLE SLOPE CONCRETE BARRIER TO BEAM GUARDRAIL TRANSITION, PRECAST	U	4.00	\$15,000.00	\$60,000.00	\$5,500.00	\$22,000.00	\$4,750.00	\$19,000.00
606.41351	54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST	LF	520.00	\$210.00	\$109,200.00	\$165.00	\$85,800.00	\$140.00	\$72,800.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	6,000.00	\$40.00	\$240,000.00	\$15.75	\$94,500.00	\$20.00	\$120,000.00
606.84	ANCHOR FOR CURVED GUARDRAIL WCRT POSTS	U	1.00	\$1,750.00	\$1,750.00	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	9,200.00	\$38.00	\$349,600.00	\$16.00	\$147,200.00	\$17.50	\$161,000.00
606.912	RESETTING DOUBLE-FACED GUARDRAIL (STEEL POST)	LF	3,550.00	\$40.00	\$142,000.00	\$19.00	\$67,450.00	\$21.00	\$74,550.00
606.91254	RESETTING TERMINAL UNIT (TYPE TL 3 EAGRT) (STEEL POST)	U	2.00	\$700.00	\$1,400.00	\$1,400.00	\$2,800.00	\$1,500.00	\$3,000.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	6.00	\$10,000.00	\$50,000.00	\$3,000.00	\$15,000.00	\$6,750.00	\$33,750.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	7,450.00	\$5.00	\$37,250.00	\$9.00	\$67,050.00	\$5.50	\$40,975.00
614.0438	3-CELL FABRIC INNERDUCT FOR 4" CONDUIT	LF	6,400.00	\$20.00	\$128,000.00	\$5.30	\$33,920.00	\$6.00	\$51,200.00
614.331	3" STEEL CONDUIT	LF	20.00	\$35.00	\$700.00	\$53.00	\$1,060.00	\$34.00	\$680.00
614.512	CONCRETE PULL BOX 18"	EA	4.00	\$850.00	\$3,400.00	\$834.00	\$3,336.00	\$850.00	\$3,400.00
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	19.00	\$4,500.00	\$85,500.00	\$4,890.00	\$92,910.00	\$7,600.00	\$144,400.00
614.51823	CONCRETE FIBER OPTIC SPLICE VAULT 48"X96"X48"	U	1.00	\$6,000.00	\$6,000.00	\$6,910.00	\$6,910.00	\$9,900.00	\$9,900.00
614.523	MOLDED PULL BOX 17"X30"	EA	3.00	\$650.00	\$1,950.00	\$1,060.00	\$3,180.00	\$550.00	\$1,650.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	380.00	\$26.00	\$9,880.00	\$21.50	\$8,170.00	\$18.00	\$6,840.00
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	440.00	\$35.00	\$15,400.00	\$22.50	\$9,900.00	\$30.00	\$13,200.00
614.74214	4" 2-DUCT PVC CONDUIT, SCHEDULE 40	LF	50.00	\$35.00	\$1,750.00	\$37.00	\$1,850.00	\$21.00	\$1,050.00

Item No.	Description	Unit	Quantity	P&E		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		WEAVER BROS. CONST. CO., INC. 1629 RTE 3A BOW, NH 03304	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
614.74221	4" 2-DUCT HDPE CONDUIT, SDR 13.5	LF	4,300.00	\$30.00	\$129,000.00	\$32.00	\$137,600.00	\$36.00	\$154,800.00
615.0301	TRAFFIC SIGN TYPE C	SF	177.00	\$70.00	\$12,390.00	\$128.00	\$22,656.00	\$138.00	\$24,426.00
615.0601	TRAFFIC SIGN TYPE CC	SF	177.00	\$50.00	\$8,850.00	\$23.50	\$4,159.50	\$25.50	\$4,513.50
615.144	RELOCATE SIGN TYPE AA TO FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$4,750.00	\$4,750.00	\$7,000.00	\$7,000.00	\$6,900.00	\$6,900.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	500,000.00	\$1.00	\$500,000.00	\$1.00	\$500,000.00	\$1.00	\$500,000.00
618.7	FLAGGERS	HR	320.00	\$32.00	\$10,240.00	\$42.00	\$13,440.00	\$44.00	\$14,080.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$289,100.00	\$289,100.00	\$400,000.00	\$400,000.00	\$305,000.00	\$305,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$20,000.00	\$40,000.00	\$4,000.00	\$8,000.00	\$12,500.00	\$25,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$10,000.00	\$40,000.00	\$4,500.00	\$18,000.00	\$7,750.00	\$31,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$40,000.00	\$80,000.00	\$19,500.00	\$39,000.00	\$25,000.00	\$50,000.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	8.00	\$30.00	\$240.00	\$125.00	\$1,000.00	\$40.00	\$320.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	105.00	\$5.50	\$577.50	\$5.30	\$556.50	\$5.75	\$603.75
621.31	SINGLE DELINEATOR WITH POST	EA	170.00	\$50.00	\$8,500.00	\$53.00	\$9,010.00	\$58.00	\$9,860.00
621.32	DOUBLE DELINEATOR WITH POST	EA	9.00	\$52.00	\$468.00	\$58.50	\$526.50	\$65.00	\$585.00
621.61	FIBER OPTIC DELINEATOR	EA	26.00	\$75.00	\$1,950.00	\$90.50	\$2,353.00	\$90.00	\$2,340.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	41,000.00	\$2.50	\$102,500.00	\$1.30	\$53,300.00	\$1.75	\$71,750.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	5,300.00	\$0.45	\$2,385.00	\$0.20	\$1,060.00	\$0.18	\$954.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	350,000.00	\$0.25	\$87,500.00	\$0.22	\$77,000.00	\$0.22	\$77,000.00
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	87,500.00	\$2.50	\$218,750.00	\$0.85	\$74,375.00	\$1.25	\$109,375.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	2,500.00	\$2.00	\$5,000.00	\$1.90	\$4,750.00	\$1.05	\$2,625.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	12,000.00	\$5.00	\$60,000.00	\$3.80	\$45,600.00	\$3.75	\$45,000.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	14,000.00	\$1.00	\$14,000.00	\$0.54	\$7,560.00	\$0.75	\$10,500.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	14,500.00	\$3.00	\$43,500.00	\$2.10	\$30,450.00	\$2.15	\$31,175.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,000.00	\$5.50	\$16,500.00	\$4.60	\$13,800.00	\$5.50	\$16,500.00
645.531	SILT FENCE	LF	10,000.00	\$4.00	\$40,000.00	\$1.70	\$17,000.00	\$3.00	\$30,000.00
645.611	BONDED FIBER MATRIX (BFM)	LB	34,000.00	\$1.50	\$51,000.00	\$1.50	\$51,000.00	\$1.60	\$54,400.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$20,000.00	\$20,000.00	\$25,500.00	\$25,500.00	\$26,000.00	\$26,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	250.00	\$70.00	\$17,500.00	\$69.00	\$17,250.00	\$72.00	\$18,000.00
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	13.50	\$1,400.00	\$18,900.00	\$1,500.00	\$20,250.00	\$1,575.00	\$21,262.50
647.1	HUMUS	CY	6,750.00	\$25.00	\$168,750.00	\$8.50	\$57,375.00	\$20.00	\$135,000.00
670.104	TEMPORARY PORTABLE LIGHTING	U	5.00	\$15,000.00	\$75,000.00	\$3,000.00	\$15,000.00	\$12,750.00	\$63,750.00

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				Unit Price	Total	Unit Price	Total	Unit Price	Total
671.603	3-INCH PVC CONDUIT, SCHEDULE 80, DIRECTIONAL BORE	LF	210.00	\$100.00	\$21,000.00	\$100.00	\$21,000.00	\$110.00	\$23,100.00
677.48501	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$26,000.00	\$26,000.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00
677.48502	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$26,000.00	\$26,000.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00
677.48503	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$35,000.00	\$35,000.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00
677.51012	12-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	1,380.00	\$5.00	\$6,900.00	\$1.90	\$2,622.00	\$5.00	\$6,900.00
677.51024	24-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	150.00	\$7.00	\$1,050.00	\$2.40	\$360.00	\$5.50	\$825.00
677.51072	72-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	3,150.00	\$7.50	\$23,625.00	\$3.70	\$11,655.00	\$6.00	\$18,900.00
677.51288	288-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	50,700.00	\$10.00	\$507,000.00	\$5.10	\$258,570.00	\$7.00	\$354,900.00
677.53	FIBER OPTIC SPLICE	EA	814.00	\$120.00	\$97,680.00	\$79.50	\$64,713.00	\$105.00	\$85,470.00
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$15,000.00	\$15,000.00	\$13,300.00	\$13,300.00	\$15,000.00	\$15,000.00
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	1.00	\$2,300.00	\$2,300.00	\$1,860.00	\$1,860.00	\$2,500.00	\$2,500.00
677.562	FIBER OPTIC PATCH PANEL (24-POSITION)	EA	1.00	\$6,000.00	\$6,000.00	\$2,150.00	\$2,150.00	\$2,550.00	\$2,550.00
677.5822	1 GBPS FIBER ETHERNET SWITCH	EA	6.00	\$18,000.00	\$90,000.00	\$6,430.00	\$32,150.00	\$6,000.00	\$30,000.00
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$10,000.00	\$10,000.00	\$5,310.00	\$5,310.00	\$3,500.00	\$3,500.00
677.84	UNINTERRUPTIBLE POWER SUPPLY (UPS)	EA	1.00	\$7,000.00	\$7,000.00	\$6,380.00	\$6,380.00	\$7,000.00	\$7,000.00
677.9304	3-CONDUCTOR #4 AWG CABLE	LF	500.00	\$12.00	\$6,000.00	\$5.30	\$2,650.00	\$13.00	\$6,500.00
678.201	IMPACT ATTENUATOR FOUNDATION PAD	U	1.00	\$4,000.00	\$4,000.00	\$2,660.00	\$2,660.00	\$5,000.00	\$5,000.00
678.71	RESET IMPACT ATTENUATION DEVICE	U	1.00	\$18,000.00	\$18,000.00	\$18,600.00	\$18,600.00	\$21,000.00	\$21,000.00
692.	MOBILIZATION	U	1.00	\$1,000,000.00	\$1,000,000.00	\$450,000.00	\$450,000.00	\$500,000.00	\$500,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$5,000.00	\$5,000.00	\$3,350.00	\$3,350.00	\$3,500.00	\$3,500.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	200,000.00	\$1.00	\$200,000.00	\$1.00	\$200,000.00	\$1.00	\$200,000.00
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00
<b>Totals:</b>					<b>\$8,979,104.50</b>		<b>\$6,839,152.50</b>		<b>\$7,230,620.25</b>
<b>Alt. Totals:</b>									
<b>Totals:</b>					<b>\$8,979,104.50</b>		<b>\$6,839,152.50</b>		<b>\$7,230,620.25</b>

PS&E Comparison

SALEM TO MANCHESTER

14633J

A004(438)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
201.1	CLEARING AND GRUBBING (F)	A	.23	\$35,000.00	\$8,050.00	\$25,000.00	\$5,750.00	\$2,300.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	100.00	\$4.25	\$425.00	\$15.00	\$1,500.00	(\$1,075.00)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	100.00	\$4.75	\$475.00	\$20.00	\$2,000.00	(\$1,525.00)
202.32	FILL AND ABANDON STRUCTURE	CY	60.00	\$650.00	\$39,000.00	\$350.00	\$21,000.00	\$18,000.00
202.7	REMOVAL OF GUARDRAIL	LF	9,700.00	\$3.75	\$36,375.00	\$4.00	\$38,800.00	(\$2,425.00)
202.74	REMOVAL OF CONCRETE BARRIER	LF	270.00	\$40.00	\$10,800.00	\$24.00	\$6,480.00	\$4,320.00
202.83501	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83502	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83503	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83504	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83505	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83506	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.841	REMOVAL OF PULL BOX	EA	3.00	\$850.00	\$2,550.00	\$200.00	\$600.00	\$1,950.00
203.1	COMMON EXCAVATION	CY	5,700.00	\$55.00	\$313,500.00	\$18.00	\$102,600.00	\$210,900.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$1,500.00	\$3,000.00	\$1,400.00	\$2,800.00	\$200.00



203.5561	EAGRT PLATFORM PREFERRED	U	13.00	\$1,650.00	\$21,450.00	\$1,750.00	\$22,750.00	(\$1,300.00)
203.6	EMBANKMENT-IN-PLACE (F)	CY	359.00	\$35.00	\$12,565.00	\$20.00	\$7,180.00	\$5,385.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	106.00	\$55.00	\$5,830.00	\$49.00	\$5,194.00	\$636.00
209.61	LIGHTWEIGHT AGGREGATE BACKFILL	CY	170.00	\$100.00	\$17,000.00	\$400.00	\$68,000.00	(\$51,000.00)
214.	FINE GRADING	U	1.00	\$75,000.00	\$75,000.00	\$170,000.00	\$170,000.00	(\$95,000.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,175.00	\$35.00	\$76,125.00	\$30.00	\$65,250.00	\$10,875.00
304.41	CRUSHED STONE (FINE GRADATION) FOR SHIM	CY	810.00	\$60.00	\$48,600.00	\$36.00	\$29,160.00	\$19,440.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	200.00	\$105.00	\$21,000.00	\$95.00	\$19,000.00	\$2,000.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	20,500.00	\$74.00	\$1,517,000.00	\$80.00	\$1,640,000.00	(\$123,000.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	130.00	\$225.00	\$29,250.00	\$200.00	\$26,000.00	\$3,250.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	20,500.00	\$3.00	\$61,500.00	\$2.50	\$51,250.00	\$10,250.00
403.6	PAVEMENT JOINT ADHESIVE	LF	256,500.00	\$0.24	\$61,560.00	\$0.60	\$153,900.00	(\$92,340.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	14,500.00	\$3.50	\$50,750.00	\$4.50	\$65,250.00	(\$14,500.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	94,000.00	\$2.50	\$235,000.00	\$3.00	\$282,000.00	(\$47,000.00)
417.416	RUMBLE STRIPS, 16" WIDE	LF	200,000.00	\$0.24	\$48,000.00	\$0.65	\$130,000.00	(\$82,000.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	98.00	\$45.00	\$4,410.00	\$35.00	\$3,430.00	\$980.00
564.62	LIGHTING SYSTEM CONNECTION	U	1.00	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	(\$20,000.00)
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	638.00	\$40.00	\$25,520.00	\$175.00	\$111,650.00	(\$86,130.00)
604.0007	POLYETHYLENE LINER	EA	40.00	\$145.00	\$5,800.00	\$250.00	\$10,000.00	(\$4,200.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	45.00	\$1,000.00	\$45,000.00	\$550.00	\$24,750.00	\$20,250.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	410.00	\$100.00	\$41,000.00	\$20.00	\$8,200.00	\$32,800.00
606.12031	BEAM GUARDRAIL (THREE BEAM-MODIFIED) INCLUDING TRANS SECT, STEEL POSTS	LF	25.00	\$40.00	\$1,000.00	\$100.00	\$2,500.00	(\$1,500.00)

606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	47.00	\$4,000.00	\$188,000.00	\$3,300.00	\$155,100.00	\$32,900.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	7.00	\$900.00	\$6,300.00	\$1,500.00	\$10,500.00	(\$4,200.00)
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	35.00	\$38.00	\$1,330.00	\$30.00	\$1,050.00	\$280.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	175.00	\$28.00	\$4,900.00	\$25.00	\$4,375.00	\$525.00
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	3.00	\$4,500.00	\$13,500.00	\$4,300.00	\$12,900.00	\$600.00
606.33239	SINGLE-FACED THRIE BEAM TRANSITION RAIL, STEEL POST (MODIFIED)	U	1.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$0.00
606.41151	54" SINGLE FACED, SINGLE SLOPE CONCRETE BARRIER TO BEAM GUARDRAIL TRANSITION, PRECAST	U	4.00	\$5,500.00	\$22,000.00	\$15,000.00	\$60,000.00	(\$38,000.00)
606.41351	54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST	LF	520.00	\$165.00	\$85,800.00	\$210.00	\$109,200.00	(\$23,400.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	6,000.00	\$15.75	\$94,500.00	\$40.00	\$240,000.00	(\$145,500.00)
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	1.00	\$1,800.00	\$1,800.00	\$1,750.00	\$1,750.00	\$50.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	9,200.00	\$16.00	\$147,200.00	\$38.00	\$349,600.00	(\$202,400.00)
606.912	RESETTING DOUBLE-FACED GUARDRAIL (STEEL POST)	LF	3,550.00	\$19.00	\$67,450.00	\$40.00	\$142,000.00	(\$74,550.00)
606.91254	RESETTING TERMINAL UNIT (TYPE TL 3 EAGRT) (STEEL POST)	U	2.00	\$1,400.00	\$2,800.00	\$700.00	\$1,400.00	\$1,400.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	5.00	\$3,000.00	\$15,000.00	\$10,000.00	\$50,000.00	(\$35,000.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	7,450.00	\$9.00	\$67,050.00	\$5.00	\$37,250.00	\$29,800.00
614.0438	3-CELL FABRIC INNERDUCT FOR 4" CONDUIT	LF	6,400.00	\$5.30	\$33,920.00	\$20.00	\$128,000.00	(\$94,080.00)
614.331	3" STEEL CONDUIT	LF	20.00	\$53.00	\$1,060.00	\$35.00	\$700.00	\$360.00
614.512	CONCRETE PULL BOX 18"	EA	4.00	\$834.00	\$3,336.00	\$850.00	\$3,400.00	(\$64.00)
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	19.00	\$4,890.00	\$92,910.00	\$4,500.00	\$85,500.00	\$7,410.00
614.51823	CONCRETE FIBER OPTIC SPLICE VAULT 48"X96"X48"	U	1.00	\$6,910.00	\$6,910.00	\$6,000.00	\$6,000.00	\$910.00
614.523	MOLDED PULL BOX 17"X30"	EA	3.00	\$1,060.00	\$3,180.00	\$650.00	\$1,950.00	\$1,230.00

614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	380.00	\$21.50	\$8,170.00	\$26.00	\$9,880.00	(\$1,710.00)
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	440.00	\$22.50	\$9,900.00	\$35.00	\$15,400.00	(\$5,500.00)
614.74214	4" 2-DUCT PVC CONDUIT, SCHEDULE 40	LF	50.00	\$37.00	\$1,850.00	\$35.00	\$1,750.00	\$100.00
614.74221	4" 2-DUCT HDPE CONDUIT, SDR 13.5	LF	4,300.00	\$32.00	\$137,600.00	\$30.00	\$129,000.00	\$8,600.00
615.0301	TRAFFIC SIGN TYPE C	SF	177.00	\$128.00	\$22,656.00	\$70.00	\$12,390.00	\$10,266.00
615.0601	TRAFFIC SIGN TYPE CC	SF	177.00	\$23.50	\$4,159.50	\$50.00	\$8,850.00	(\$4,690.50)
615.144	RELOCATE SIGN TYPE AA TO FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$7,000.00	\$7,000.00	\$4,750.00	\$4,750.00	\$2,250.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	500,000.00	\$1.00	\$500,000.00	\$1.00	\$500,000.00	\$0.00
618.7	FLAGGERS	HR	320.00	\$42.00	\$13,440.00	\$32.00	\$10,240.00	\$3,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$400,000.00	\$400,000.00	\$289,100.00	\$289,100.00	\$110,900.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$4,000.00	\$8,000.00	\$20,000.00	\$40,000.00	(\$32,000.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$4,500.00	\$18,000.00	\$10,000.00	\$40,000.00	(\$22,000.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$19,500.00	\$39,000.00	\$40,000.00	\$80,000.00	(\$41,000.00)
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	8.00	\$125.00	\$1,000.00	\$30.00	\$240.00	\$760.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	105.00	\$5.30	\$556.50	\$5.50	\$577.50	(\$21.00)
621.31	SINGLE DELINEATOR WITH POST	EA	170.00	\$53.00	\$9,010.00	\$50.00	\$8,500.00	\$510.00
621.32	DOUBLE DELINEATOR WITH POST	EA	9.00	\$58.50	\$526.50	\$52.00	\$468.00	\$58.50
621.61	FIBER OPTIC DELINEATOR	EA	26.00	\$90.50	\$2,353.00	\$75.00	\$1,950.00	\$403.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	41,000.00	\$1.30	\$53,300.00	\$2.50	\$102,500.00	(\$49,200.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	5,300.00	\$0.20	\$1,060.00	\$0.45	\$2,385.00	(\$1,325.00)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	350,000.00	\$0.22	\$77,000.00	\$0.25	\$87,500.00	(\$10,500.00)
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	87,500.00	\$0.85	\$74,375.00	\$2.50	\$218,750.00	(\$144,375.00)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	2,500.00	\$1.90	\$4,750.00	\$2.00	\$5,000.00	(\$250.00)

632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	12,000.00	\$3.80	\$45,600.00	\$5.00	\$60,000.00	(\$14,400.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	14,000.00	\$0.54	\$7,560.00	\$1.00	\$14,000.00	(\$6,440.00)
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	14,500.00	\$2.10	\$30,450.00	\$3.00	\$43,500.00	(\$13,050.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,000.00	\$4.60	\$13,800.00	\$5.50	\$16,500.00	(\$2,700.00)
645.531	SILT FENCE	LF	10,000.00	\$1.70	\$17,000.00	\$4.00	\$40,000.00	(\$23,000.00)
645.611	BONDED FIBER MATRIX (BFM)	LB	34,000.00	\$1.50	\$51,000.00	\$1.50	\$51,000.00	\$0.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$25,500.00	\$25,500.00	\$20,000.00	\$20,000.00	\$5,500.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	250.00	\$69.00	\$17,250.00	\$70.00	\$17,500.00	(\$250.00)
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	13.50	\$1,500.00	\$20,250.00	\$1,400.00	\$18,900.00	\$1,350.00
647.1	HUMUS	CY	6,750.00	\$8.50	\$57,375.00	\$25.00	\$168,750.00	(\$111,375.00)
670.104	TEMPORARY PORTABLE LIGHTING	U	5.00	\$3,000.00	\$15,000.00	\$15,000.00	\$75,000.00	(\$60,000.00)
671.603	3-INCH PVC CONDUIT, SCHEDULE 80, DIRECTIONAL BORE	LF	210.00	\$100.00	\$21,000.00	\$100.00	\$21,000.00	\$0.00
677.46501	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00	\$7,450.00
677.46502	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00	\$7,450.00
677.46503	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$33,450.00	\$33,450.00	\$35,000.00	\$35,000.00	(\$1,550.00)
677.51012	12-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	1,380.00	\$1.90	\$2,622.00	\$5.00	\$6,900.00	(\$4,278.00)
677.51024	24-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	150.00	\$2.40	\$360.00	\$7.00	\$1,050.00	(\$690.00)
677.51072	72-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	3,150.00	\$3.70	\$11,655.00	\$7.50	\$23,625.00	(\$11,970.00)
677.51288	288-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	50,700.00	\$5.10	\$258,570.00	\$10.00	\$507,000.00	(\$248,430.00)
677.53	FIBER OPTIC SPLICE	EA	814.00	\$79.50	\$64,713.00	\$120.00	\$97,680.00	(\$32,967.00)
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$13,300.00	\$13,300.00	\$15,000.00	\$15,000.00	(\$1,700.00)

677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	1.00	\$1,860.00	\$1,860.00	\$2,300.00	\$2,300.00	(\$440.00)
677.562	FIBER OPTIC PATCH PANEL (24-POSITION)	EA	1.00	\$2,150.00	\$2,150.00	\$6,000.00	\$6,000.00	(\$3,850.00)
677.5822	1 GBPS FIBER ETHERNET SWITCH	EA	5.00	\$6,430.00	\$32,150.00	\$18,000.00	\$90,000.00	(\$57,850.00)
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,310.00	\$5,310.00	\$10,000.00	\$10,000.00	(\$4,690.00)
677.64	UNINTERRUPTIBLE POWER SUPPLY (UPS)	EA	1.00	\$6,380.00	\$6,380.00	\$7,000.00	\$7,000.00	(\$620.00)
677.9304	3-CONDUCTOR #4 AWG CABLE	LF	500.00	\$5.30	\$2,650.00	\$12.00	\$6,000.00	(\$3,350.00)
678.201	IMPACT ATTENUATOR FOUNDATION PAD	U	1.00	\$2,660.00	\$2,660.00	\$4,000.00	\$4,000.00	(\$1,340.00)
678.71	RESET IMPACT ATTENUATION DEVICE	U	1.00	\$18,600.00	\$18,600.00	\$18,000.00	\$18,000.00	\$600.00
692.	MOBILIZATION	U	1.00	\$450,000.00	\$450,000.00	\$1,000,000.00	\$1,000,000.00	(\$550,000.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$3,350.00	\$3,350.00	\$5,000.00	\$5,000.00	(\$1,650.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	200,000.00	\$1.00	\$200,000.00	\$1.00	\$200,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$0.00
<b>Total:</b>					\$6,839,152.50		\$8,979,104.50	(\$2,139,952.00)

August 9, 2019

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project involves addressing the I-93 NB and SB mainline construction elements to allow implementation of the full four lane facility from Exit 1 in Salem to just north of Exit 3 in Windham (approximately 6.1 miles along I-93 NB and 4.8 miles along I-93 SB). This work includes pavement, drainage, guardrail, pavement markings and signing elements. Additionally, the work includes completing the corridor wide ITS hardware infrastructure elements, extending to just north of Exit 5, for an overall project limit of work of approximately 14.4 miles.

**FEDERAL FUNDING:** Funding for the Construction Items are 100% Transportation Infrastructure Finance Innovation Act (TIFIA) Credit up to \$209,441.89, with the remainder as 80% Federal Aid (Program: NHS) with 20% Turnpike Toll Credits. Construction Engineering (CE) is 80% Federal Aid (Program: NHS) with 20% Turnpike Toll Credits. Debt Service is State funded with SB 367 revenue.

**CONTINGENCY:** The contingency amount is proposed to be 5% of the contract amount. This is necessary to account for unanticipated TCP adjustments/modifications, and coordination efforts with the on-going 13933A and 14633D Contracts.

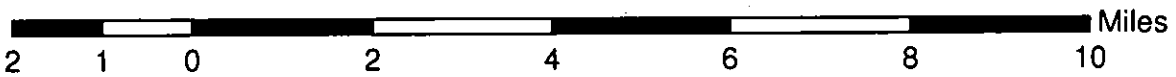
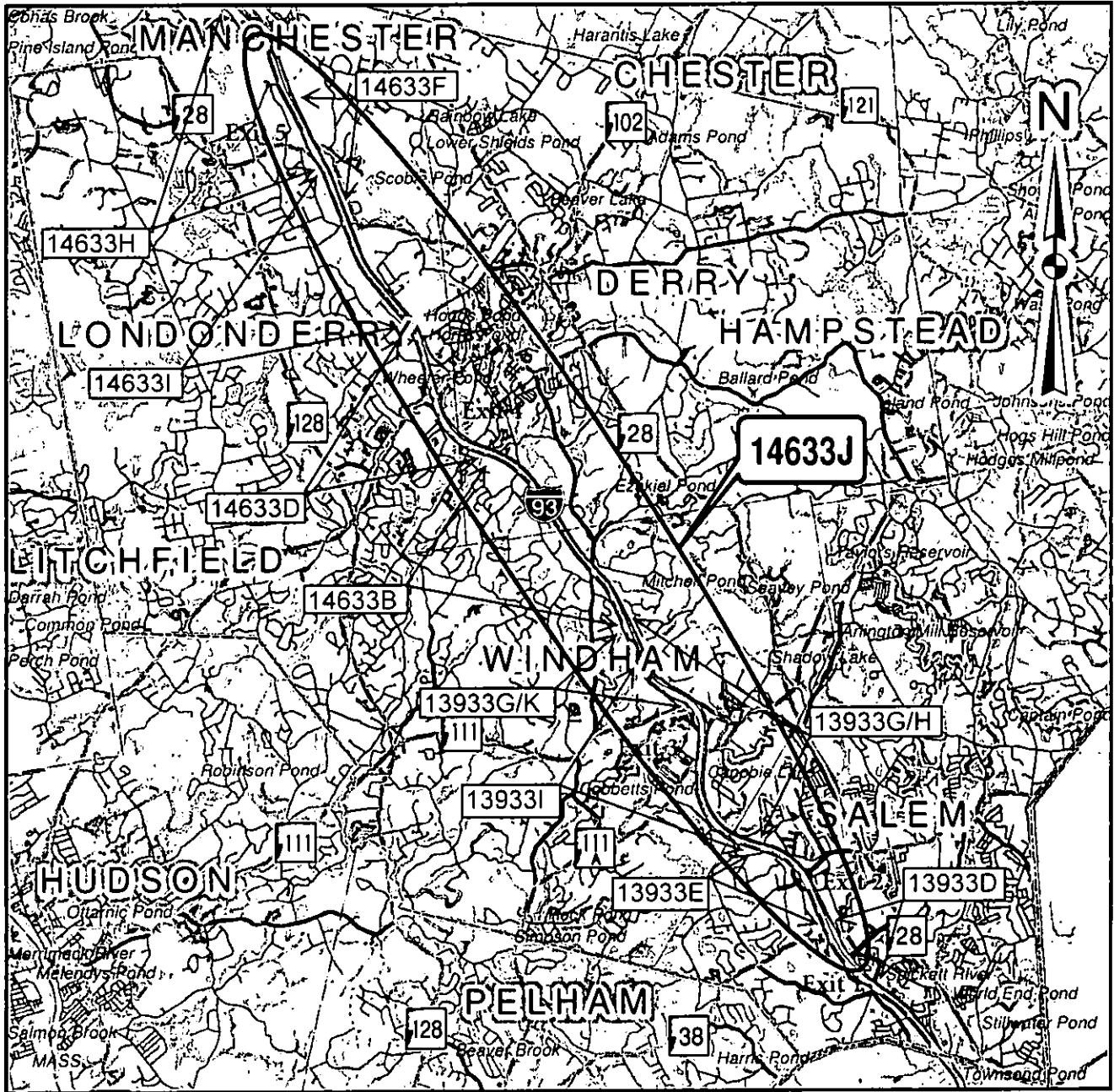
**PROJECT INITIATED:** State's 10-Year Transportation Improvement Plan.

**PROJECT EXPLANATION:** These improvements are part of the overall Salem-Manchester I-93 expansion project. This project completes the 4-lane construction (pavement, markings, and signage) from Exit 1 through Exit 5.

**TRAFFIC IMPLICATIONS:** The fourth lane implementation work will be prosecuted from the existing median side shoulder reducing the shoulder width to 4 feet as required, utilizing traffic control barrier as specified in the Plans. Existing travel lanes on I-93 (NB and SB) will be maintained at all times (except as follows). Lane closures will be allowed on I-93 for certain construction activities, utilizing Uniformed Officers with Vehicles, as approved, and as specified in the TCP. Smart Work Zones are in place along the corridor, including the proposed work area for this project (under the Salem-Manchester 14633Z contract).

**FINAL COMPLETION DATE:** August 28, 2020

# SALEM/MANCHESTER - INTERSTATE 93



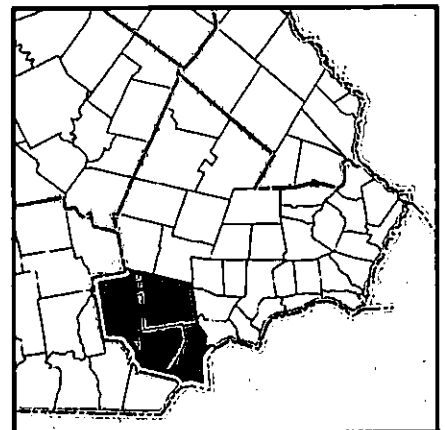
**LEGEND**

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

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

State #: 14633J  
 Federal #: A004 (438)

**LOCATION MAP**







**OWNERS AND CONTRACTORS PROTECTIVE  
LIABILITY DECLARATIONS**



Issued by Liberty Mutual Fire Insurance Company

Policy Number TF2-681-054653-679  
Renewal of New  
Account Number 8-036771

Issuing Office Bala Cynwyd, PA  
Issue Date 2019/11/13  
Sub Account 0000

Named Insured and Mailing Address  
State Of New Hampshire – D.O.T  
PO Box 483  
Concord, NH 03302

Franchise

Form of Business Other

Policy Period: The policy period is from 11/21/2019 to 11/21/2020 12:01 A.M. standard time at the Insured's mailing address.

Designated Contractor: Pike Industries, Inc

Mailing Address: 3 Eastgate Park Road Belmont, NH 03220

Location of Coverage Operations: Salem – Manchester A004(438), 14633J

In return for the payment of the premium, and subject to all the terms of this policy, we agree with you to provide the insurance as stated in this policy.

**LIMITS OF INSURANCE**

Each Occurrence Limit \$ 2,000,000  
Aggregate Limit \$ 3,000,000

**SCHEDULE**

The declarations are completed on the accompanying "Declarations Extension Schedule(s)".

Owners and Contractors Protective Liability Coverage Part Premium \$ 1,700  
Endorsement Premium \$  
Total Estimated Premium \$ 1,700  
Other Charges(s) \$  
Policywriting Minimum Premium \$

Forms Applicable: See Attached Inventory

Producer 0002 008060  
MARSH USA INC  
3560 LENOX RD NE STE 2400  
ATLANTA GA 30326-4266

Producer

Countersigned By:

  
Authorized Representative