



ABC Bid Data

EASTERN TURNPIKE RESURFACING
42264
NON-FEDERAL

PROJECT:	EASTERN TURNPIKE RESURFACING	Awarded To:	BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826		
STATE PROJECT NUMBER:	42264	Amount:	\$6,215,741.45	Certified by:	<u>PETER.E.STAMNAS</u> <small>Director of Project Development</small>
FED. PROJECT NUMBER:	NON-FEDERAL	Award Date:			
DATE BIDS OPEN:	January 27, 2022, 2:00				
SCOPE OF WORK:	Eastern Turnpike Resurfacing of I-95 and Spaulding Turnpike				
COMPLETION DATE:	September 23, 2022				
LOCATION:	Rockingham				

Summary of Bidders

Contractor	Bid Amount	Rank
BROX INDUSTRIES, INC. 1471 METHUEN STREET, DRACUT MA 01826	\$6,215,741.45	A



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Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

203.1	COMMON EXCAVATION	CY	500.00	\$10.00	\$5,000.00	\$40.00	\$20,000.00		
214.	FINE GRADING	U	3.00	\$1,500.00	\$4,500.00	\$4,000.00	\$12,000.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	5,378.00	\$35.00	\$188,230.00	\$23.00	\$123,694.00		
304.401	CRUSHED STONE (FINE GRADATION)	CY	50.00	\$40.00	\$2,000.00	\$60.00	\$3,000.00		
403.11923	HBP-3/4" BINDER MIX, MACHINE METHOD, HIGH STRENGTH	TON	284.00	\$90.00	\$25,560.00	\$150.00	\$42,600.00		
403.11941	HBP-1/2" WEARING, MM, HIGH STRENGTH, QC/QA TIER 1	TON	35,993.00	\$90.00	\$3,239,370.00	\$84.00	\$3,023,412.00		
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	1,950.00	\$90.00	\$175,500.00	\$90.00	\$175,500.00		
403.12	HBP-HAND METHOD	TON	100.00	\$150.00	\$15,000.00	\$250.00	\$25,000.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	186,662.00	\$0.30	\$55,998.60	\$0.50	\$93,331.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	35,993.00	\$2.75	\$98,980.75	\$3.00	\$107,979.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	19,702.00	\$4.25	\$83,733.50	\$5.50	\$108,361.00		
410.752	EMULSIFIED ASPHALT FOG SEAL	GAL	12,196.00	\$4.50	\$54,882.00	\$7.00	\$85,372.00		
410.753	COVER AGGREGATE	TON	31.00	\$1,700.00	\$52,700.00	\$400.00	\$12,400.00		
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	50.00	\$80.00	\$4,000.00	\$200.00	\$10,000.00		
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	14,420.00	\$2.50	\$36,050.00	\$3.00	\$43,260.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	333,815.00	\$2.25	\$751,083.75	\$2.45	\$817,846.75		
417.416	RUMBLE STRIPS, 16" WIDE	LF	5,438.00	\$3.00	\$16,314.00	\$5.00	\$27,190.00		
604.0007	POLYETHYLENE LINER	EA	20.00	\$125.00	\$2,500.00	\$150.00	\$3,000.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	20.00	\$500.00	\$10,000.00	\$500.00	\$10,000.00		
604.72	GRATES & FRAMES, TYPE B	EA	4.00	\$700.00	\$2,800.00	\$800.00	\$3,200.00		
608.2601	6" CONCRETE SIDEWALK	SY	100.00	\$55.00	\$5,500.00	\$75.00	\$7,500.00		
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	500.00	\$28.00	\$14,000.00	\$50.00	\$25,000.00		
609.5	RESET GRANITE CURB	LF	500.00	\$15.00	\$7,500.00	\$30.00	\$15,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00		



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Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$215,500.00	\$215,500.00	\$300,000.00	\$300,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$3,800.00	\$22,800.00	\$5,000.00	\$30,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,000.00	\$6,000.00	\$4,500.00	\$9,000.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	4.00	\$9,000.00	\$36,000.00	\$24,000.00	\$96,000.00		
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	400.00	\$55.00	\$22,000.00	\$70.00	\$28,000.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	500.00	\$2.00	\$1,000.00	\$12.00	\$6,000.00		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	337,860.00	\$0.20	\$67,572.00	\$0.25	\$84,465.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	17,077.00	\$1.00	\$17,077.00	\$1.10	\$18,784.70		
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	760.00	\$0.85	\$646.00	\$1.00	\$760.00		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	1,555.00	\$2.05	\$3,187.75	\$5.00	\$7,775.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	80.00	\$2.65	\$212.00	\$7.50	\$600.00		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	529.00	\$5.95	\$3,147.55	\$7.50	\$3,967.50		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	1,000.00	\$0.75	\$750.00	\$1.00	\$1,000.00		
692.	MOBILIZATION	U	1.00	\$200,000.00	\$200,000.00	\$350,000.00	\$350,000.00		
698.12	FIELD OFFICE TYPE B	MON	7.00	\$2,000.00	\$14,000.00	\$3,000.00	\$21,000.00		
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00		
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00		
1010.15	FUEL ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	170,743.50	\$1.00	\$170,743.50	\$1.00	\$170,743.50		
Totals:					\$5,924,838.40		\$6,215,741.45		
Alt. Totals:									
Totals:					\$5,924,838.40		\$6,215,741.45		



PS&E Comparison

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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
203.1	COMMON EXCAVATION	CY	500.00	\$40.00	\$20,000.00	\$10.00	\$5,000.00	\$15,000.00
214.	FINE GRADING	U	3.00	\$4,000.00	\$12,000.00	\$1,500.00	\$4,500.00	\$7,500.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	5,378.00	\$23.00	\$123,694.00	\$35.00	\$188,230.00	(\$64,536.00)
304.401	CRUSHED STONE (FINE GRADATION)	CY	50.00	\$60.00	\$3,000.00	\$40.00	\$2,000.00	\$1,000.00
403.11923	HBP-3/4" BINDER MIX, MACHINE METHOD, HIGH STRENGTH	TON	284.00	\$150.00	\$42,600.00	\$90.00	\$25,560.00	\$17,040.00
403.11941	HBP-1/2" WEARING, MM, HIGH STRENGTH, QC/QA TIER 1	TON	35,993.00	\$84.00	\$3,023,412.00	\$90.00	\$3,239,370.00	(\$215,958.00)
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	1,950.00	\$90.00	\$175,500.00	\$90.00	\$175,500.00	\$0.00
403.12	HBP-HAND METHOD	TON	100.00	\$250.00	\$25,000.00	\$150.00	\$15,000.00	\$10,000.00
403.16	PAVEMENT JOINT ADHESIVE	LF	186,662.00	\$0.50	\$93,331.00	\$0.30	\$55,998.60	\$37,332.40
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	35,993.00	\$3.00	\$107,979.00	\$2.75	\$98,980.75	\$8,998.25
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	19,702.00	\$5.50	\$108,361.00	\$4.25	\$83,733.50	\$24,627.50
410.752	EMULSIFIED ASPHALT FOG SEAL	GAL	12,196.00	\$7.00	\$85,372.00	\$4.50	\$54,882.00	\$30,490.00
410.753	COVER AGGREGATE	TON	31.00	\$400.00	\$12,400.00	\$1,700.00	\$52,700.00	(\$40,300.00)
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	50.00	\$200.00	\$10,000.00	\$80.00	\$4,000.00	\$6,000.00



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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	14,420.00	\$3.00	\$43,260.00	\$2.50	\$36,050.00	\$7,210.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	333,815.00	\$2.45	\$817,846.75	\$2.25	\$751,083.75	\$66,763.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	5,438.00	\$5.00	\$27,190.00	\$3.00	\$16,314.00	\$10,876.00
604.0007	POLYETHYLENE LINER	EA	20.00	\$150.00	\$3,000.00	\$125.00	\$2,500.00	\$500.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	20.00	\$500.00	\$10,000.00	\$500.00	\$10,000.00	\$0.00
604.72	GRATES & FRAMES, TYPE B	EA	4.00	\$800.00	\$3,200.00	\$700.00	\$2,800.00	\$400.00
608.2601	6" CONCRETE SIDEWALK	SY	100.00	\$75.00	\$7,500.00	\$55.00	\$5,500.00	\$2,000.00
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	500.00	\$50.00	\$25,000.00	\$28.00	\$14,000.00	\$11,000.00
609.5	RESET GRANITE CURB	LF	500.00	\$30.00	\$15,000.00	\$15.00	\$7,500.00	\$7,500.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$300,000.00	\$300,000.00	\$215,500.00	\$215,500.00	\$84,500.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$5,000.00	\$30,000.00	\$3,800.00	\$22,800.00	\$7,200.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$4,500.00	\$9,000.00	\$3,000.00	\$6,000.00	\$3,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	4.00	\$24,000.00	\$96,000.00	\$9,000.00	\$36,000.00	\$60,000.00
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	400.00	\$70.00	\$28,000.00	\$55.00	\$22,000.00	\$6,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	500.00	\$12.00	\$6,000.00	\$2.00	\$1,000.00	\$5,000.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	337,860.00	\$0.25	\$84,465.00	\$0.20	\$67,572.00	\$16,893.00



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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	17,077.00	\$1.10	\$18,784.70	\$1.00	\$17,077.00	\$1,707.70
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	760.00	\$1.00	\$760.00	\$0.85	\$646.00	\$114.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	1,555.00	\$5.00	\$7,775.00	\$2.05	\$3,187.75	\$4,587.25
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	80.00	\$7.50	\$600.00	\$2.65	\$212.00	\$388.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	529.00	\$7.50	\$3,967.50	\$5.95	\$3,147.55	\$819.95
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	1,000.00	\$1.00	\$1,000.00	\$0.75	\$750.00	\$250.00
692.	MOBILIZATION	U	1.00	\$350,000.00	\$350,000.00	\$200,000.00	\$200,000.00	\$150,000.00
698.12	FIELD OFFICE TYPE B	MON	7.00	\$3,000.00	\$21,000.00	\$2,000.00	\$14,000.00	\$7,000.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	170,743.50	\$1.00	\$170,743.50	\$1.00	\$170,743.50	\$0.00

Total:	\$6,215,741.45	\$5,924,838.40	\$290,903.05
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