



ABC Bid Data

PLYMOUTH
28901
X-A003(848)

PROJECT:	PLYMOUTH	Awarded To:	PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0490
STATE PROJECT NUMBER:	28901	Amount:	\$274,978.00
FED. PROJECT NUMBER:	X-A003(848)	Certified by:	<u>PETER.E.STAMNAS</u> Director of Project Development
DATE BIDS OPEN:	May 04, 2017, 2:00 PM	Award Date:	
SCOPE OF WORK:	State of NH Railroad AAR-DOT# 845-519A Railway - Highway at grade crossing reconstruction		
COMPLETION DATE:	September 29, 2017		
LOCATION:	Grafton		

Summary of Bidders

Contractor	Bid Amount	Rank
PIPER, R. M. INC. 141 SMITH BRIDGE RD, PO BOX 490, PLYMOUTH NH 03264-0490	\$274,978.00	A
ANDREWS CONST. CO., INC. 392 NH RTE 49, PO BOX 720, CAMPTON NH 03223	\$317,198.00	B

Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0490		ANDREWS CONST. CO., INC. 392 NH RTE 49 CAMPTON, NH 03223	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	5.00	\$10.00	\$50.00	\$10.00	\$50.00	\$65.00	\$325.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	35.00	\$10.00	\$350.00	\$10.00	\$350.00	\$20.00	\$700.00
203.1	COMMON EXCAVATION	CY	590.00	\$16.00	\$9,440.00	\$12.00	\$7,080.00	\$20.00	\$11,800.00
203.601	EMBANKMENT-IN-PLACE	CY	6.00	\$25.00	\$150.00	\$35.00	\$210.00	\$100.00	\$600.00
203.71	REHANDLING EXCAVATED MATERIAL	CY	120.00	\$20.00	\$2,400.00	\$45.00	\$5,400.00	\$50.00	\$6,000.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$100.00	\$2,000.00
214.	FINE GRADING	U	1.00	\$2,800.00	\$2,800.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
304.401	CRUSHED STONE (FINE GRADATION)	CY	210.00	\$36.00	\$7,560.00	\$30.00	\$6,300.00	\$65.00	\$13,650.00
304.46	STONE BALLAST	CY	135.00	\$72.00	\$9,720.00	\$60.00	\$8,100.00	\$60.00	\$8,100.00
304.501	CRUSHED STONE (COARSE GRADATION)	CY	220.00	\$26.00	\$5,720.00	\$30.00	\$6,600.00	\$65.00	\$14,300.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	150.00	\$200.00	\$30,000.00	\$170.00	\$25,500.00	\$250.00	\$37,500.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	40.00	\$200.00	\$8,000.00	\$170.00	\$6,800.00	\$170.00	\$6,800.00
403.6	PAVEMENT JOINT ADHESIVE	LF	1,200.00	\$2.00	\$2,400.00	\$3.00	\$3,600.00	\$3.50	\$4,200.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	50.00	\$9.00	\$450.00	\$6.00	\$300.00	\$10.00	\$500.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	65.00	\$30.00	\$1,950.00	\$9.00	\$585.00	\$42.00	\$2,730.00
593.213	GEOTEXTILE; SEPARATION CL.1, SLIT FILAMENT, WOVEN	SY	230.00	\$4.00	\$920.00	\$3.00	\$690.00	\$4.00	\$920.00
609.01	STRAIGHT GRANITE CURB	LF	125.00	\$30.00	\$3,750.00	\$50.00	\$6,250.00	\$65.00	\$8,125.00
609.5	RESET GRANITE CURB	LF	15.00	\$20.00	\$300.00	\$35.00	\$525.00	\$78.00	\$1,170.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	50.00	\$20.00	\$1,000.00	\$9.00	\$450.00	\$35.00	\$1,750.00
614.74118	4" PVC CONDUIT, SCHEDULE 80	LF	140.00	\$5.00	\$700.00	\$15.00	\$2,100.00	\$28.00	\$3,920.00
615.0201	TRAFFIC SIGN TYPE B	SF	20.00	\$46.00	\$920.00	\$80.00	\$1,600.00	\$60.00	\$1,200.00
615.0301	TRAFFIC SIGN TYPE C	SF	50.00	\$42.00	\$2,100.00	\$70.00	\$3,500.00	\$40.00	\$2,000.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	4.00	\$150.00	\$600.00	\$375.00	\$1,500.00	\$200.00	\$800.00
615.0601	TRAFFIC SIGN TYPE CC	SF	18.00	\$20.00	\$360.00	\$26.50	\$477.00	\$20.00	\$360.00
615.064	RELOCATING TRAFFIC SIGN TYPE CC	U	2.00	\$75.00	\$150.00	\$26.50	\$53.00	\$100.00	\$200.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
618.7	FLAGGERS	HR	300.00	\$24.00	\$7,200.00	\$32.00	\$9,600.00	\$32.50	\$9,750.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$12,000.00	\$12,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	8.00	\$275.00	\$2,200.00	\$300.00	\$2,400.00	\$350.00	\$2,800.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	230.00	\$3.00	\$690.00	\$2.00	\$460.00	\$3.00	\$690.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	70.00	\$6.00	\$420.00	\$25.00	\$1,750.00	\$34.00	\$2,380.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	35.00	\$5.00	\$175.00	\$10.00	\$350.00	\$10.00	\$350.00
641.	LOAM	CY	6.00	\$75.00	\$450.00	\$50.00	\$300.00	\$200.00	\$1,200.00
645.42	TEMPORARY SLOPE STABILIZATION TYPE B (WILDLIFE FRIENDLY)	SY	50.00	\$5.00	\$250.00	\$3.50	\$175.00	\$8.00	\$400.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	150.00	\$5.00	\$750.00	\$7.00	\$1,050.00	\$4.50	\$675.00
645.531	SILT FENCE	LF	610.00	\$3.00	\$1,830.00	\$2.50	\$1,525.00	\$3.00	\$1,830.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	320.00	\$2.00	\$640.00	\$3.00	\$960.00	\$2.10	\$672.00
647.1	HUMUS	CY	30.00	\$34.00	\$1,020.00	\$25.00	\$750.00	\$50.00	\$1,500.00
670.044	RELOCATE HISTORIC MARKER	EA	1.00	\$600.00	\$600.00	\$850.00	\$850.00	\$700.00	\$700.00
670.0441	RELOCATE HISTORIC FEATURE	U	1.00	\$9,400.00	\$9,400.00	\$3,300.00	\$3,300.00	\$700.00	\$700.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$200.00	\$200.00	\$160.00	\$160.00	\$500.00	\$500.00

Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0490		ANDREWS CONST. CO., INC. 392 NH RTE 49 CAMPTON, NH 03223	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
690.21	REMOVAL OF RAILROAD TRACK AND APPURTENANCES	TF	215.00	\$28.00	\$6,020.00	\$30.00	\$6,450.00	\$30.00	\$6,450.00
690.311	7" X 9" X 8'-6" CROSSTIES WITH APPURTENANCES	EA	114.00	\$150.00	\$17,100.00	\$160.00	\$18,240.00	\$210.00	\$23,940.00
690.312	7" X 9" X 9' CROSSTIES WITH APPURTENANCES	EA	42.00	\$180.00	\$7,560.00	\$240.00	\$10,080.00	\$320.00	\$13,440.00
690.411	115# RAIL, WELDED	TF	136.50	\$215.00	\$29,347.50	\$130.00	\$17,745.00	\$168.00	\$22,932.00
690.422	100# RAIL, BOLTED	TF	78.00	\$80.00	\$6,240.00	\$75.00	\$5,850.00	\$95.00	\$7,410.00
690.5111	COMPROMISE JOINT, 115# TO 100#	U	4.00	\$900.00	\$3,600.00	\$825.00	\$3,300.00	\$1,000.00	\$4,000.00
690.5112	COMPROMISE JOINT, 100# TO 85#	U	4.00	\$900.00	\$3,600.00	\$825.00	\$3,300.00	\$1,000.00	\$4,000.00
690.521	RAIL ANCHORS, 115#	EA	276.00	\$14.00	\$3,864.00	\$8.00	\$2,208.00	\$10.00	\$2,760.00
690.522	RAIL ANCHORS, 100#	EA	180.00	\$14.00	\$2,520.00	\$10.00	\$1,800.00	\$13.00	\$2,340.00
690.53	RAIL SEAL INTERFACE	TF	33.00	\$160.00	\$5,280.00	\$185.00	\$6,105.00	\$240.00	\$7,920.00
690.71	TRACK ALIGNMENT	TF	250.00	\$25.00	\$6,250.00	\$35.00	\$8,750.00	\$50.00	\$12,500.00
692.	MOBILIZATION	U	1.00	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$34,709.00	\$34,709.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
Totals:					\$252,996.50		\$274,978.00		\$317,198.00
Totals:					\$252,996.50		\$274,978.00		\$317,198.00



PS&E Comparison

PLYMOUTH
28901
X-A003(848)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	5.00	\$10.00	\$50.00	\$10.00	\$50.00	\$0.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	35.00	\$10.00	\$350.00	\$10.00	\$350.00	\$0.00
203.1	COMMON EXCAVATION	CY	590.00	\$12.00	\$7,080.00	\$16.00	\$9,440.00	(\$2,360.00)
203.601	EMBANKMENT-IN-PLACE	CY	6.00	\$35.00	\$210.00	\$25.00	\$150.00	\$60.00
203.71	REHANDLING EXCAVATED MATERIAL	CY	120.00	\$45.00	\$5,400.00	\$20.00	\$2,400.00	\$3,000.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$0.00
214.	FINE GRADING	U	1.00	\$2,500.00	\$2,500.00	\$2,800.00	\$2,800.00	(\$300.00)
304.401	CRUSHED STONE (FINE GRADATION)	CY	210.00	\$30.00	\$6,300.00	\$36.00	\$7,560.00	(\$1,260.00)
304.46	STONE BALLAST	CY	135.00	\$60.00	\$8,100.00	\$72.00	\$9,720.00	(\$1,620.00)
304.501	CRUSHED STONE (COARSE GRADATION)	CY	220.00	\$30.00	\$6,600.00	\$26.00	\$5,720.00	\$880.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	150.00	\$170.00	\$25,500.00	\$200.00	\$30,000.00	(\$4,500.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	40.00	\$170.00	\$6,800.00	\$200.00	\$8,000.00	(\$1,200.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	1,200.00	\$3.00	\$3,600.00	\$2.00	\$2,400.00	\$1,200.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	50.00	\$6.00	\$300.00	\$9.00	\$450.00	(\$150.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	65.00	\$9.00	\$585.00	\$30.00	\$1,950.00	(\$1,365.00)

593.213	GEOTEXTILE; SEPARATION CL.1, SLIT FILAMENT, WOVEN	SY	230.00	\$3.00	\$690.00	\$4.00	\$920.00	(\$230.00)
609.01	STRAIGHT GRANITE CURB	LF	125.00	\$50.00	\$6,250.00	\$30.00	\$3,750.00	\$2,500.00
609.5	RESET GRANITE CURB	LF	15.00	\$35.00	\$525.00	\$20.00	\$300.00	\$225.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	50.00	\$9.00	\$450.00	\$20.00	\$1,000.00	(\$550.00)
614.74118	4" PVC CONDUIT, SCHEDULE 80	LF	140.00	\$15.00	\$2,100.00	\$5.00	\$700.00	\$1,400.00
615.0201	TRAFFIC SIGN TYPE B	SF	20.00	\$80.00	\$1,600.00	\$46.00	\$920.00	\$680.00
615.0301	TRAFFIC SIGN TYPE C	SF	50.00	\$70.00	\$3,500.00	\$42.00	\$2,100.00	\$1,400.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	4.00	\$375.00	\$1,500.00	\$150.00	\$600.00	\$900.00
615.0601	TRAFFIC SIGN TYPE CC	SF	18.00	\$26.50	\$477.00	\$20.00	\$360.00	\$117.00
615.064	RELOCATING TRAFFIC SIGN TYPE CC	U	2.00	\$26.50	\$53.00	\$75.00	\$150.00	(\$97.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
618.7	FLAGGERS	HR	300.00	\$32.00	\$9,600.00	\$24.00	\$7,200.00	\$2,400.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00	\$8,000.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	8.00	\$300.00	\$2,400.00	\$275.00	\$2,200.00	\$200.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	230.00	\$2.00	\$460.00	\$3.00	\$690.00	(\$230.00)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	70.00	\$25.00	\$1,750.00	\$6.00	\$420.00	\$1,330.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	35.00	\$10.00	\$350.00	\$5.00	\$175.00	\$175.00
641.	LOAM	CY	6.00	\$50.00	\$300.00	\$75.00	\$450.00	(\$150.00)
645.42	TEMPORARY SLOPE STABILIZATION TYPE B (WILDLIFE FRIENDLY)	SY	50.00	\$3.50	\$175.00	\$5.00	\$250.00	(\$75.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	150.00	\$7.00	\$1,050.00	\$5.00	\$750.00	\$300.00
645.531	SILT FENCE	LF	610.00	\$2.50	\$1,525.00	\$3.00	\$1,830.00	(\$305.00)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	320.00	\$3.00	\$960.00	\$2.00	\$640.00	\$320.00
647.1	HUMUS	CY	30.00	\$25.00	\$750.00	\$34.00	\$1,020.00	(\$270.00)

670.044	RELOCATE HISTORIC MARKER	EA	1.00	\$850.00	\$850.00	\$600.00	\$600.00	\$250.00
670.0441	RELOCATE HISTORIC FEATURE	U	1.00	\$3,300.00	\$3,300.00	\$9,400.00	\$9,400.00	(\$6,100.00)
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$160.00	\$160.00	\$200.00	\$200.00	(\$40.00)
690.21	REMOVAL OF RAILROAD TRACK AND APPURTENANCES	TF	215.00	\$30.00	\$6,450.00	\$28.00	\$6,020.00	\$430.00
690.311	7" X 9" X 8'-6" CROSSTIES WITH APPURTENANCES	EA	114.00	\$160.00	\$18,240.00	\$150.00	\$17,100.00	\$1,140.00
690.312	7" X 9" X 9' CROSSTIES WITH APPURTENANCES	EA	42.00	\$240.00	\$10,080.00	\$180.00	\$7,560.00	\$2,520.00
690.411	115# RAIL, WELDED	TF	136.50	\$130.00	\$17,745.00	\$215.00	\$29,347.50	(\$11,602.50)
690.422	100# RAIL, BOLTED	TF	78.00	\$75.00	\$5,850.00	\$80.00	\$6,240.00	(\$390.00)
690.5111	COMPROMISE JOINT, 115# TO 100#	U	4.00	\$825.00	\$3,300.00	\$900.00	\$3,600.00	(\$300.00)
690.5112	COMPROMISE JOINT, 100# TO 85#	U	4.00	\$825.00	\$3,300.00	\$900.00	\$3,600.00	(\$300.00)
690.521	RAIL ANCHORS, 115#	EA	276.00	\$8.00	\$2,208.00	\$14.00	\$3,864.00	(\$1,656.00)
690.522	RAIL ANCHORS, 100#	EA	180.00	\$10.00	\$1,800.00	\$14.00	\$2,520.00	(\$720.00)
690.53	RAIL SEAL INTERFACE	TF	33.00	\$185.00	\$6,105.00	\$160.00	\$5,280.00	\$825.00
690.71	TRACK ALIGNMENT	TF	250.00	\$35.00	\$8,750.00	\$25.00	\$6,250.00	\$2,500.00
692.	MOBILIZATION	U	1.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$25,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00

Total:

\$274,978.00

\$252,996.50

\$21,981.50