

**State of New Hampshire
Department of Transportation**

28454.01

Project: NORTHUMBERLAND, NH-
GUILDHALL, VT X-A003(750)
28454

County and Code: COOS COUNTY 007 AND ESSEX COUNTY IN VT

Date Bids Open: November 20, 2014

Scope of Work: BRIDGE REHABILITATION

Location: BRIDGE 141/059, GUILDHALL ROAD OVER THE
CONNECTICUT RIVER

Completion Date: October 30, 2015

A J.P. SICARD, INC. PO BOX 508 BARTON, VT 05822	\$646,290.00
B WINTERSET, INC. PO BOX 968, 128 WINTERSET DRIVE, LYNDONVILLE, VT 05851	\$672,168.50
C AUSTIN CONSTRUCTION INC 1149 MAIN STREET CONCORD VT 05824	\$745,985.90

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
209.4	GRANULAR BACKFILL (GRAV)	CY	1.00	\$150.00	\$150.00	\$60.00	\$60.00	\$150.00	\$150.00
304.3	CRUSHED GRAVEL (F)	CY	26.00	\$35.00	\$910.00	\$48.00	\$1,248.00	\$55.00	\$1,430.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	80.00	\$158.00	\$12,640.00	\$165.00	\$13,200.00	\$310.00	\$24,800.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	7.00	\$200.00	\$1,400.00	\$250.00	\$1,750.00	\$300.00	\$2,100.00
403.6	PAVEMENT JOINT ADHESIVE	LF	2,900.00	\$1.00	\$2,900.00	\$0.10	\$290.00	\$2.00	\$5,800.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	58.00	\$200.00	\$11,600.00	\$200.00	\$11,600.00	\$365.00	\$21,170.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	5.00	\$184.00	\$920.00	\$185.00	\$925.00	\$200.00	\$1,000.00
417	COLD PLANING BITUMINOUS SURFACES	SY	330.00	\$35.00	\$11,550.00	\$17.00	\$5,610.00	\$30.00	\$9,900.00
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$75,000.00	\$75,000.00	\$64,000.00	\$64,000.00	\$15,000.00	\$15,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	40.00	\$41.00	\$1,640.00	\$48.00	\$1,920.00	\$55.00	\$2,200.00
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,010.00	\$24.00	\$24,240.00	\$13.00	\$13,130.00	\$13.00	\$13,130.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	50.00	\$410.00	\$20,500.00	\$200.00	\$10,000.00	\$325.00	\$16,250.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	20.00	\$460.00	\$9,200.00	\$350.00	\$7,000.00	\$425.00	\$8,500.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	2.00	\$700.00	\$1,400.00	\$850.00	\$1,700.00	\$300.00	\$600.00
520.01	CONCRETE CLASS AA	CY	7.00	\$785.00	\$5,495.00	\$450.00	\$3,150.00	\$1,100.00	\$7,700.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	43.00	\$1,225.00	\$52,675.00	\$2,200.00	\$94,600.00	\$1,200.00	\$51,600.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	40.00	\$75.00	\$3,000.00	\$46.00	\$1,840.00	\$60.00	\$2,400.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	1,015.00	\$19.00	\$19,285.00	\$18.00	\$18,270.00	\$22.00	\$22,330.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	75.00	\$10.00	\$750.00	\$6.00	\$450.00	\$10.00	\$750.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	5,861.00	\$2.00	\$11,722.00	\$1.50	\$8,791.50	\$3.00	\$17,583.00
544.21	REINFORCING STEEL, EPOXY COATED,MECHANICAL CONNECTORS (F)	LB	277.00	\$3.00	\$831.00	\$7.00	\$1,939.00	\$12.00	\$3,324.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$10,000.00	\$10,000.00	\$64,000.00	\$64,000.00	\$95,000.00	\$95,000.00
550.2	BRIDGE SHOES (F)	EA	10.00	\$2,300.00	\$23,000.00	\$2,200.00	\$22,000.00	\$3,450.00	\$34,500.00
556.1	PAINTING OF EXISTING STRUCTURAL STEEL	U	1.00	\$96,000.00	\$96,000.00	\$77,000.00	\$77,000.00	\$85,000.00	\$85,000.00
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	37.50	\$850.00	\$31,875.00	\$650.00	\$24,375.00	\$925.00	\$34,687.50
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	37.50	\$850.00	\$31,875.00	\$650.00	\$24,375.00	\$925.00	\$34,687.50
562.1	SILICONE JOINT SEALANT (F)	LF	15.00	\$25.00	\$375.00	\$25.00	\$375.00	\$7.00	\$105.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	420.00	\$38.00	\$15,960.00	\$26.00	\$10,920.00	\$26.00	\$10,920.00
606.9513	TEMP. IMPACT ATTENUATION DEVICE (REDIRECTIVE), TEST LEVEL 3	U	2.00	\$2,000.00	\$4,000.00	\$3,600.00	\$7,200.00	\$9,000.00	\$18,000.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	4.00	\$50.00	\$200.00	\$50.00	\$200.00	\$250.00	\$1,000.00
609.5	RESET GRANITE CURB	LF	40.00	\$30.00	\$1,200.00	\$19.00	\$760.00	\$40.00	\$1,600.00
616.1711	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM (MONTH)	MON	7.00	\$5,000.00	\$35,000.00	\$5,500.00	\$38,500.00	\$4,400.00	\$30,800.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
618.7	FLAGGERS	HR	1,000.00	\$12.00	\$12,000.00	\$20.00	\$20,000.00	\$30.00	\$30,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$15,000.00	\$15,000.00	\$24,000.00	\$24,000.00	\$30,000.00	\$30,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	175.00	\$2.00	\$350.00	\$2.50	\$437.50	\$12.00	\$2,100.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	3,976.00	\$0.25	\$994.00	\$1.00	\$3,976.00	\$0.40	\$1,590.40
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	42.00	\$5.00	\$210.00	\$2.00	\$84.00	\$8.00	\$336.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	2,250.00	\$1.50	\$3,375.00	\$0.25	\$562.50	\$1.25	\$2,812.50
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	42.00	\$4.00	\$168.00	\$2.00	\$84.00	\$5.00	\$210.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	400.00	\$5.00	\$2,000.00	\$7.00	\$2,800.00	\$15.00	\$6,000.00
645.531	SILT FENCE	LF	400.00	\$2.00	\$800.00	\$3.00	\$1,200.00	\$12.00	\$4,800.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	16.00	\$50.00	\$800.00	\$6.00	\$96.00	\$125.00	\$2,000.00
647.1	HUMUS	CY	2.00	\$150.00	\$300.00	\$125.00	\$250.00	\$60.00	\$120.00
692	MOBILIZATION	U	1.00	\$60,000.00	\$60,000.00	\$53,500.00	\$53,500.00	\$55,000.00	\$55,000.00
698.13	FIELD OFFICE TYPE C	MON	10.00	\$1,200.00	\$12,000.00	\$1,300.00	\$13,000.00	\$1,600.00	\$16,000.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
					\$646,290.00		\$672,168.50		\$745,985.90

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
209.4	GRANULAR BACKFILL (GRAV)	CY	1.00	\$150.00	\$150.00	\$50.00	\$50.00	\$100.00
304.3	CRUSHED GRAVEL (F)	CY	26.00	\$35.00	\$910.00	\$23.00	\$598.00	\$312.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	80.00	\$158.00	\$12,640.00	\$90.00	\$7,200.00	\$5,440.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	7.00	\$200.00	\$1,400.00	\$125.00	\$875.00	\$525.00
403.6	PAVEMENT JOINT ADHESIVE	LF	2,900.00	\$1.00	\$2,900.00	\$0.50	\$1,450.00	\$1,450.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	58.00	\$200.00	\$11,600.00	\$235.00	\$13,630.00	(\$2,030.00)
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	5.00	\$184.00	\$920.00	\$130.00	\$650.00	\$270.00
417	COLD PLANING BITUMINOUS SURFACES	SY	330.00	\$35.00	\$11,550.00	\$5.00	\$1,650.00	\$9,900.00
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$75,000.00	\$75,000.00	\$50,000.00	\$50,000.00	\$25,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	40.00	\$41.00	\$1,640.00	\$22.00	\$880.00	\$760.00
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,010.00	\$24.00	\$24,240.00	\$15.00	\$15,150.00	\$9,090.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	50.00	\$410.00	\$20,500.00	\$200.00	\$10,000.00	\$10,500.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	20.00	\$460.00	\$9,200.00	\$500.00	\$10,000.00	(\$800.00)
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	2.00	\$700.00	\$1,400.00	\$550.00	\$1,100.00	\$300.00
520.01	CONCRETE CLASS AA	CY	7.00	\$785.00	\$5,495.00	\$600.00	\$4,200.00	\$1,295.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	43.00	\$1,225.00	\$52,675.00	\$1,350.00	\$58,050.00	(\$5,375.00)

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	40.00	\$75.00	\$3,000.00	\$75.00	\$3,000.00	\$0.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	1,015.00	\$19.00	\$19,285.00	\$20.00	\$20,300.00	(\$1,015.00)
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	75.00	\$10.00	\$750.00	\$10.00	\$750.00	\$0.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	5,861.00	\$2.00	\$11,722.00	\$1.39	\$8,146.79	\$3,575.21
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	277.00	\$3.00	\$831.00	\$2.50	\$692.50	\$138.50
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	(\$10,000.00)
550.2	BRIDGE SHOES (F)	EA	10.00	\$2,300.00	\$23,000.00	\$2,000.00	\$20,000.00	\$3,000.00
556.1	PAINTING OF EXISTING STRUCTURAL STEEL	U	1.00	\$96,000.00	\$96,000.00	\$90,000.00	\$90,000.00	\$6,000.00
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	37.50	\$850.00	\$31,875.00	\$1,500.00	\$56,250.00	(\$24,375.00)
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	37.50	\$850.00	\$31,875.00	\$1,500.00	\$56,250.00	(\$24,375.00)
562.1	SILICONE JOINT SEALANT (F)	LF	15.00	\$25.00	\$375.00	\$15.00	\$225.00	\$150.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	420.00	\$38.00	\$15,960.00	\$25.00	\$10,500.00	\$5,460.00
606.9513	TEMP. IMPACT ATTENUATION DEVICE (REDIRECTIVE), TEST LEVEL 3	U	2.00	\$2,000.00	\$4,000.00	\$15,000.00	\$30,000.00	(\$26,000.00)
608.12	2" BITUMINOUS SIDEWALK (F)	SY	4.00	\$50.00	\$200.00	\$35.00	\$140.00	\$60.00
609.5	RESET GRANITE CURB	LF	40.00	\$30.00	\$1,200.00	\$20.00	\$800.00	\$400.00
616.1711	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM (MONTH)	MON	7.00	\$5,000.00	\$35,000.00	\$6,000.00	\$42,000.00	(\$7,000.00)

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
618.7	FLAGGERS	HR	1,000.00	\$12.00	\$12,000.00	\$25.00	\$25,000.00	(\$13,000.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$15,000.00	\$15,000.00	\$9,500.74	\$9,500.74	\$5,499.26
628.2	SAWED BITUMINOUS PAVEMENT	LF	175.00	\$2.00	\$350.00	\$2.78	\$486.50	(\$136.50)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	3,976.00	\$0.25	\$994.00	\$0.21	\$834.96	\$159.04
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	42.00	\$5.00	\$210.00	\$1.00	\$42.00	\$168.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	2,250.00	\$1.50	\$3,375.00	\$1.50	\$3,375.00	\$0.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	42.00	\$4.00	\$168.00	\$1.15	\$48.30	\$119.70
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	400.00	\$5.00	\$2,000.00	\$3.25	\$1,300.00	\$700.00
645.531	SILT FENCE	LF	400.00	\$2.00	\$800.00	\$3.00	\$1,200.00	(\$400.00)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	16.00	\$50.00	\$800.00	\$10.00	\$160.00	\$640.00
647.1	HUMUS	CY	2.00	\$150.00	\$300.00	\$35.00	\$70.00	\$230.00
692	MOBILIZATION	U	1.00	\$60,000.00	\$60,000.00	\$75,000.00	\$75,000.00	(\$15,000.00)
698.13	FIELD OFFICE TYPE C	MON	10.00	\$1,200.00	\$12,000.00	\$1,200.00	\$12,000.00	\$0.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$0.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
					\$646,290.00			(\$38,264.79)
							\$684,554.79	