



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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JEFF BRILLHART, P.E.
ACTING COMMISSIONER

Bureau of Construction
 April 6, 2015

Her Excellency, Governor Margaret Wood Hassan
 and the Honorable Council
 State House
 Concord, New Hampshire 03301

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Cold River Bridges, LLC (Vendor 261883) of Walpole, NH on the basis of a low bid of \$712,795.00 for rehabilitation and replacement of three culverts under NH Route 12 in Walpole, from the date of Governor and Council approval through September 18, 2015 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows for FY 2015 and is contingent upon the availability and continued appropriation of FY 2016 funds.

Funding is available as follows:	<u>FY 2015</u>	<u>FY 2016</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$200,000.00	\$512,795.00

2. Further authorize that a contingency in the amount of \$71,279.50 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Funding is available as follows:	<u>FY 2015</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$71,279.50

EXPLANATION

This project is part of the annual Culvert Replacement/Rehabilitation and Drainage Repairs Program (CRDR). The work involves rehabilitation of 2 multi-plate pipes (108" diameter and 78" diameter) that will involve concrete lined inverts, and replacement of a 48" diameter metal culvert. Inverts on these three pipes have deteriorated over time, causing sinkholes due to migrating fines in the material between the road and the pipes. The 48" cmp has had recent roadway shoulder loss due to sinkholes. This area will be reconstructed as the pipe is replaced. The 78" multi-plate pipe location has had at least one past sinkhole in the roadway shoulder, since repaired, and also a more recent sinkhole in the guardrail slope. This more recent sinkhole broke the sewer main in February, 2014. The town has been pumping around the break since that time. Also, a sag, or dip, approximately 1 ½ feet depth has developed in the pipe, approximately 80 feet from the inlet.

The contingency amount is proposed to be 10% of the contract amount. This project is a short duration of summer/fall work. The exact amounts of voids that exist around the failing culverts is unknown. Filling of the voids involves approximately quantities of which actual could vary greatly.

Although the bid costs exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved. While the bid prices are higher than anticipated, the bids were reasonably competitive with 3 bids received. Several items in particular had higher than anticipated prices – water diversion, shotcrete lining, and road base materials attributed respectively to perceived risk, limited experience and bid history, and small quantities distributed at several locations. Readvertising 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 that 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 funds with 20% state match. Turnpike toll credit is being utilized for match requirements, 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.

Sincerely,



David J. Brillhart, P.E.
Acting Commissioner

DJB/md

Department Estimate: \$541,127.00
Contract Amount: \$712,795.00
Over Estimate: \$171,668.00

Attachments

2/9/15

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: Rehabilitation and replacement involving three culverts under NH Route 12 in Walpole. There are two multi-plate pipes that will have concrete invert done as a rehab treatment. The first, a 108" is located 1/2 mile north of the intersection of NH 123, and the second is a 78" located 400 ft north of NH 123. The third pipe is a 48" cmp located 800 feet south of River Road that will be replaced by the same diameter, polymer coated pipe.

FEDERAL FUNDING: Construction funding is 80% Federal Funding with 20% Turnpike Toll Credits.

CONTINGENCY: Further authorize that a contingency of 10% of the contract amount be approved. This project is a short duration of summer/fall work. The amount of voids that exist around the failing culverts is unknown. Filling of the voids involves approximated quantities of which actual amounts could vary greatly.

PROJECT INITIATED: State's 10-Year Transportation Improvement Program under the "parent" project CRDR (Culvert Replacement/Rehabilitation and Drainage Repairs Program)

PROJECT EXPLANATION: Inverts on these three pipes have deteriorated over time, causing sinkholes due to migrating fines in the material between the road and the pipes.

The 48" cmp location has had recent roadway shoulder loss due to sinkholes. This area will be reconstructed as the pipe is replaced.

The 78" multi-plate pipe location has had at least one past sink hole in the roadway shoulder, since repaired, and also a more recent sinkhole in the guardrail slope. This more recent sink hole broke the sewer main in February, 2014. The town has been pumping around the break since that time. Also, a sag, or dip, approximately 1-1/2 ft in depth has developed in the pipe, approximately 80 ft from the inlet.

The 108" pipe location appears to have just small sinkholes near the inlet of the pipe at this point.

TRAFFIC IMPLICATION: One-lane, alternating two-way traffic will be allowed without hourly restrictions. Maintain two-way traffic during non-work hours, with the exception of the temporary signal installation for the 48" pipe replacement. One-way traffic shall maintain a minimum width of a 12 foot travel lane and 2 foot shoulders (16 ft total).

COMPLETION DATE: September 18, 2015

WALPOLE 28434

108" MULTIPLATE PIPE
1/2 MI. NORTH OF NH 123

78" MULTIPLATE PIPE
400 FT NORTH OF NH 123

48" CMP JUST SOUTH
OF RIVER RD



CONNECTICUT
River Rd

RIVER

123

12

63

NH RTE 63

12

NH RTE 12

WESTMORELAND

WALPOLE

SURRY

ALSTEAD

Main St

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**State of New Hampshire
Department of Transportation**

Project:	WALPOLE X-A003(745) 28434	
County and Code:	CHESHIRE COUNTY 005	
Date Bids Open:	March 19, 2015	
Scope of Work:	CULVERT REPLACEMENT	
Location:	UNDER NH ROUTE 12 IN WALPOLE	
Completion Date:	September 18, 2015	
A COLD RIVER BRIDGES LLC PO BOX 1076 10 LANBRO LANE WALPOLE NH 03608 \$712,795.00		
B B.U.R. CONSTRUCTION, LLC 131 BORAD STREET, CLAREMONT, NH 03743 \$761,827.00		
C J.P. SICARD, INC. PO BOX 508 BARTON, VT 05822 \$769,093.00		

Item No.	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Total
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	500.00	\$5.00	\$2,500.00	\$4.00	\$2,000.00	\$3.00	\$1,500.00	
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	425.00	\$6.00	\$2,550.00	\$5.00	\$2,125.00	\$4.00	\$1,700.00	
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	60.00	\$40.00	\$2,400.00	\$40.00	\$2,400.00	\$23.00	\$1,380.00	
202.7	REMOVAL OF GUARDRAIL	LF	325.00	\$10.00	\$3,250.00	\$4.00	\$1,300.00	\$5.00	\$1,625.00	
203.1	COMMON EXCAVATION	CY	25.00	\$55.00	\$1,375.00	\$100.00	\$2,500.00	\$21.00	\$525.00	
203.601	EMBANKMENT-IN-PLACE	CY	1,025.00	\$25.00	\$25,625.00	\$23.00	\$23,575.00	\$17.00	\$17,425.00	
206.1	COMMON STRUCTURE EXCAVATION	CY	630.00	\$25.00	\$15,750.00	\$20.00	\$12,600.00	\$28.00	\$17,640.00	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	850.00	\$15.00	\$12,750.00	\$20.00	\$17,000.00	\$16.00	\$13,600.00	
209.1	GRANULAR BACKFILL	CY	200.00	\$55.00	\$11,000.00	\$40.00	\$8,000.00	\$33.00	\$6,600.00	
304.101	SAND	CY	145.00	\$35.00	\$5,075.00	\$33.00	\$4,785.00	\$26.00	\$3,770.00	
304.201	GRAVEL	CY	135.00	\$50.00	\$6,750.00	\$35.00	\$4,725.00	\$37.00	\$4,995.00	
304.301	CRUSHED GRAVEL	CY	125.00	\$55.00	\$6,875.00	\$37.00	\$4,625.00	\$37.00	\$4,625.00	
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	135.00	\$200.00	\$27,000.00	\$108.00	\$14,580.00	\$150.00	\$20,250.00	
403.6	PAVEMENT JOINT ADHESIVE	LF	950.00	\$2.00	\$1,900.00	\$5.00	\$4,750.00	\$1.00	\$950.00	
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$20,000.00	\$20,000.00	\$35,000.00	\$35,000.00	\$25,000.00	\$25,000.00	
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$40,500.00	\$40,500.00	\$53,500.00	\$53,500.00	
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$50,500.00	\$50,500.00	\$53,500.00	\$53,500.00	
503.201	COFFERDAMS	U	1.00	\$30,000.00	\$30,000.00	\$74,040.00	\$74,040.00	\$26,000.00	\$26,000.00	
520.1	CONCRETE CLASS A	CY	20.00	\$1,000.00	\$20,000.00	\$1,300.00	\$26,000.00	\$700.00	\$14,000.00	
520.32	GROUTING VOIDS IN BACKFILL MATERIAL	CY	140.00	\$125.00	\$17,500.00	\$148.00	\$20,720.00	\$125.00	\$17,500.00	
521.1	SHOTCRETE LINER (F)	SF	3,000.00	\$55.00	\$165,000.00	\$38.00	\$114,000.00	\$43.00	\$129,000.00	

Item No:	Description	Unit	A			B			Total	Unit Price	C		
			Quantity	Unit Price	Total	Quantity	Unit Price	Total			Quantity	Unit Price	Total
544.1	REINFORCING STEEL (ROADWAY)	LB	400.00	\$2.00	\$800.00		\$2.00	\$800.00		\$2.00		\$2.00	\$800.00
585.2	STONE FILL, CLASS B	CY	85.00	\$105.00	\$8,925.00		\$60.00	\$5,100.00		\$49.00		\$49.00	\$4,165.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	210.00	\$10.00	\$2,100.00		\$4.00	\$840.00		\$3.00		\$3.00	\$630.00
603.14448	48" POLYMER COATED CORRUGATED STEEL PIPE	LF	145.00	\$200.00	\$29,000.00		\$240.00	\$34,800.00		\$210.00		\$210.00	\$30,450.00
603.99012	12" TEMPORARY DRAIN. PIPE	LF	30.00	\$75.00	\$2,250.00		\$52.00	\$1,560.00		\$49.00		\$49.00	\$1,470.00
605.512	12" PERF. CORR. POLYETHLY PIPE UND.	LF	60.00	\$85.00	\$5,100.00		\$100.00	\$6,000.00		\$44.00		\$44.00	\$2,640.00
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	25.00	\$20.00	\$500.00		\$9.00	\$225.00		\$12.00		\$12.00	\$300.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	3.00	\$75.00	\$225.00		\$50.00	\$150.00		\$58.00		\$58.00	\$174.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	6.00	\$50.00	\$300.00		\$15.00	\$90.00		\$115.00		\$115.00	\$690.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	450.00	\$45.00	\$20,250.00		\$30.00	\$13,500.00		\$50.00		\$50.00	\$22,500.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	325.00	\$20.00	\$6,500.00		\$10.00	\$3,250.00		\$12.00		\$12.00	\$3,900.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$2,500.00	\$5,000.00		\$4,500.00	\$9,000.00		\$2,750.00		\$2,750.00	\$5,500.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	200.00	\$15.00	\$3,000.00		\$6.00	\$1,200.00		\$23.00		\$23.00	\$4,600.00
616.161	TRAFFIC SIGNALS (TEMP.)	U	1.00	\$15,000.00	\$15,000.00		\$20,000.00	\$20,000.00		\$13,000.00		\$13,000.00	\$13,000.00
618.7	FLAGGERS	HR	800.00	\$25.00	\$20,000.00		\$20.00	\$16,000.00		\$34.00		\$34.00	\$27,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$10,000.00	\$10,000.00		\$15,000.00	\$15,000.00		\$30,000.00		\$30,000.00	\$30,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,500.00	\$5,000.00		\$5,900.00	\$11,800.00		\$4,100.00		\$4,100.00	\$8,200.00

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	7.00	\$10.00	\$70.00	\$11.00	\$77.00	\$5.00	\$35.00		
622.1	STEEL WITNESS MARKERS	EA	6.00	\$50.00	\$300.00	\$30.00	\$180.00	\$29.00	\$174.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	80.00	\$5.00	\$400.00	\$5.00	\$400.00	\$2.00	\$160.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,550.00	\$1.00	\$6,550.00	\$0.70	\$4,585.00	\$2.00	\$13,100.00		
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	30.00	\$10.00	\$300.00	\$23.00	\$690.00	\$6.00	\$180.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	1,200.00	\$3.00	\$3,600.00	\$2.00	\$2,400.00	\$1.00	\$1,200.00		
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	30.00	\$10.00	\$300.00	\$30.00	\$900.00	\$1.00	\$30.00		
645.3	EROSION STONE	TON	25.00	\$75.00	\$1,875.00	\$38.00	\$950.00	\$31.00	\$775.00		
645.43	TEMPORARY SLOPE STABILIZATION TYPE C	SY	580.00	\$10.00	\$5,800.00	\$3.00	\$1,740.00	\$2.00	\$1,160.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	800.00	\$2.00	\$1,600.00	\$8.00	\$6,400.00	\$7.00	\$5,600.00		
645.531	SILT FENCE	LF	275.00	\$5.00	\$1,375.00	\$5.00	\$1,375.00	\$3.00	\$825.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	45.00	\$75.00	\$3,375.00	\$76.00	\$3,420.00	\$60.00	\$2,700.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	950.00	\$4.00	\$3,800.00	\$2.00	\$1,900.00	\$1.00	\$950.00		
647.1	HUMUS	CY	80.00	\$40.00	\$3,200.00	\$50.00	\$4,000.00	\$15.00	\$1,200.00		
670.0491	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$15,000.00	\$15,000.00	\$11,170.00	\$11,170.00	\$10,000.00	\$10,000.00		
670.0492	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$15,000.00	\$15,000.00	\$12,600.00	\$12,600.00	\$10,000.00	\$10,000.00		

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$2,000.00	\$4,000.00	\$4,500.00	\$9,000.00	\$3,450.00	\$6,900.00
692	MOBILIZATION	U	1.00	\$55,000.00	\$55,000.00	\$75,000.00	\$75,000.00	\$124,000.00	\$124,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
					\$712,795.00		\$761,827.00		\$769,093.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	Unit Price	A-Bidder Total	Unit Price	PS&E Total	Total	A-PS&E Difference
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	500.00	\$5.00	\$2,500.00	\$3.50	\$1,750.00	\$750.00	
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	425.00	\$6.00	\$2,550.00	\$8.00	\$3,400.00	(\$850.00)	
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	60.00	\$40.00	\$2,400.00	\$20.00	\$1,200.00	\$1,200.00	
202.7	REMOVAL OF GUARDRAIL	LF	325.00	\$10.00	\$3,250.00	\$2.00	\$650.00	\$2,600.00	
203.1	COMMON EXCAVATION	CY	25.00	\$55.00	\$1,375.00	\$25.00	\$625.00	\$750.00	
203.601	EMBANKMENT-IN-PLACE	CY	1,025.00	\$25.00	\$25,625.00	\$9.00	\$9,225.00	\$16,400.00	
206.1	COMMON STRUCTURE EXCAVATION	CY	630.00	\$25.00	\$15,750.00	\$20.00	\$12,600.00	\$3,150.00	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	850.00	\$15.00	\$12,750.00	\$20.00	\$17,000.00	(\$4,250.00)	
209.1	GRANULAR BACKFILL	CY	200.00	\$55.00	\$11,000.00	\$26.00	\$5,200.00	\$5,800.00	
304.101	SAND	CY	145.00	\$35.00	\$5,075.00	\$20.00	\$2,900.00	\$2,175.00	
304.201	GRAVEL	CY	135.00	\$50.00	\$6,750.00	\$30.00	\$4,050.00	\$2,700.00	
304.301	CRUSHED GRAVEL	CY	125.00	\$55.00	\$6,875.00	\$35.00	\$4,375.00	\$2,500.00	
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	135.00	\$200.00	\$27,000.00	\$175.00	\$23,625.00	\$3,375.00	
403.6	PAVEMENT JOINT ADHESIVE	LF	950.00	\$2.00	\$1,900.00	\$2.00	\$1,900.00	\$0.00	
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00	\$8,000.00	
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$8,000.00	\$8,000.00	\$22,000.00	
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$8,000.00	\$8,000.00	\$22,000.00	
503.201	COFFERDAMS	U	1.00	\$30,000.00	\$30,000.00	\$60,000.00	\$60,000.00	(\$30,000.00)	
520.1	CONCRETE CLASS A	CY	20.00	\$1,000.00	\$20,000.00	\$750.00	\$15,000.00	\$5,000.00	
520.32	GROUTING VOIDS IN BACKFILL MATERIAL	CY	140.00	\$125.00	\$17,500.00	\$125.00	\$17,500.00	\$0.00	
521.1	SHOTCRETE LINER (F)	SF	3,000.00	\$55.00	\$165,000.00	\$35.00	\$105,000.00	\$60,000.00	

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	
544.1	REINFORCING STEEL (ROADWAY)	LB	400.00	\$2.00	\$800.00	\$2.00	\$800.00	\$0.00
585.2	STONE FILL, CLASS B	CY	85.00	\$105.00	\$8,925.00	\$45.00	\$3,825.00	\$5,100.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	210.00	\$10.00	\$2,100.00	\$4.00	\$840.00	\$1,260.00
603.14448	48" POLYMER COATED CORRUGATED STEEL PIPE	LF	145.00	\$200.00	\$29,000.00	\$175.00	\$25,375.00	\$3,625.00
603.99012	12" TEMPORARY DRAIN. PIPE	LF	30.00	\$75.00	\$2,250.00	\$30.00	\$900.00	\$1,350.00
605.512	12" PERF. CORR. POLYETHLY PIPE UND.	LF	60.00	\$85.00	\$5,100.00	\$30.00	\$1,800.00	\$3,300.00
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	25.00	\$20.00	\$500.00	\$15.00	\$375.00	\$125.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	3.00	\$75.00	\$225.00	\$50.00	\$150.00	\$75.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	6.00	\$50.00	\$300.00	\$15.00	\$90.00	\$210.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	450.00	\$45.00	\$20,250.00	\$35.00	\$15,750.00	\$4,500.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	325.00	\$20.00	\$6,500.00	\$15.00	\$4,875.00	\$1,625.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$2,500.00	\$5,000.00	\$3,500.00	\$7,000.00	(\$2,000.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	200.00	\$15.00	\$3,000.00	\$15.00	\$3,000.00	\$0.00
616.161	TRAFFIC SIGNALS (TEMP.)	U	1.00	\$15,000.00	\$15,000.00	\$16,500.00	\$16,500.00	(\$1,500.00)
618.7	FLAGGERS	HR	800.00	\$25.00	\$20,000.00	\$23.00	\$18,400.00	\$1,600.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$0.00

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	
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	7.00	\$10.00	\$70.00	\$6.00	\$42.00	\$28.00
622.1	STEEL WITNESS MARKERS	EA	6.00	\$50.00	\$300.00	\$35.00	\$210.00	\$90.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	80.00	\$5.00	\$400.00	\$5.00	\$400.00	\$0.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,550.00	\$1.00	\$6,550.00	\$1.00	\$6,550.00	\$0.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	30.00	\$10.00	\$300.00	\$2.50	\$75.00	\$225.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	1,200.00	\$3.00	\$3,600.00	\$1.00	\$1,200.00	\$2,400.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	30.00	\$10.00	\$300.00	\$2.50	\$75.00	\$225.00
645.3	EROSION STONE	TON	25.00	\$75.00	\$1,875.00	\$35.00	\$875.00	\$1,000.00
645.43	TEMPORARY SLOPE STABILIZATION TYPE C	SY	580.00	\$10.00	\$5,800.00	\$1.75	\$1,015.00	\$4,785.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	800.00	\$2.00	\$1,600.00	\$5.00	\$4,000.00	(\$2,400.00)
645.531	SILT FENCE	LF	275.00	\$5.00	\$1,375.00	\$3.00	\$825.00	\$550.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	(\$500.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	45.00	\$75.00	\$3,375.00	\$70.00	\$3,150.00	\$225.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	950.00	\$4.00	\$3,800.00	\$1.00	\$950.00	\$2,850.00
647.1	HUMUS	CY	80.00	\$40.00	\$3,200.00	\$26.00	\$2,080.00	\$1,120.00
670.0491	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$5,000.00
670.0492	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$5,000.00

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	
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00	(\$1,000.00)
692	MOBILIZATION	U	1.00	\$55,000.00	\$55,000.00	\$45,000.00	\$45,000.00	\$10,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	(\$500.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
					\$712,795.00		\$541,127.00	\$171,668.00



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/2/2015

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. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511		CONTACT NAME: Donna Bickford PHONE (A/C No. Ext): (603) 224-2562 FAX (A/C No): (603) 224-8012 E-MAIL ADDRESS: dbickford@rowleyagency.com															
INSURED Cold River Bridges LLC PO Box 1076 Walpole NH 03608		<table border="1"><thead><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr></thead><tbody><tr><td>INSURER A: Travelers Indemnity Co</td><td>25658</td></tr><tr><td>INSURER B: Travelers Prop Cas Co of Amer</td><td></td></tr><tr><td>INSURER C: Phoenix Insurance Co.</td><td>25623</td></tr><tr><td>INSURER D: Acadia Insurance Company</td><td>31325</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></tbody></table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Travelers Indemnity Co	25658	INSURER B: Travelers Prop Cas Co of Amer		INSURER C: Phoenix Insurance Co.	25623	INSURER D: Acadia Insurance Company	31325	INSURER E:		INSURER F:	
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COVERAGES**CERTIFICATE NUMBER:****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 SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY					EACH OCCURRENCE \$ 1,000,000
	☒ COMMERCIAL GENERAL LIABILITY					DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
	☐ CLAIMS-MADE ☒ OCCUR		DTCO4513N148IND15	4/17/2015	4/17/2016	MED EXP (Any one person) \$ 5,000
	☐ CG0001		Per Project applies when required by written contract			PERSONAL & ADV INJURY \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:					GENERAL AGGREGATE \$ 2,000,000
	☐ POLICY ☒ PRO-JECT ☐ LOC					PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	☒ ANY AUTO					BODILY INJURY (Per person) \$
	☐ ALL OWNED AUTOS	☐ SCHEDULED AUTOS	DT8104711N257TIL15	4/17/2015	4/17/2016	BODILY INJURY (Per accident) \$
	☒ HIRED AUTOS	☒ NON-OWNED AUTOS				PROPERTY DAMAGE (Per accident) \$
B	☒ UMBRELLA LIAB	☒ OCCUR				single limit \$
	☐ EXCESS LIAB	☐ CLAIMS-MADE				EACH OCCURRENCE \$ 10,000,000
	☐ DED ☒ RETENTION \$ 10,000		DTSMCUP4711N269TIL15	4/17/2015	4/17/2016	AGGREGATE \$ 10,000,000
						\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	Y/N				☒ WC STATU-TORY LIMITS ☐ OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	☐ N/A	DTNUB4513N31A15	4/17/2015	4/17/2016	E.L. EACH ACCIDENT \$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below		3A STATES: NH VT			E.L. DISEASE - EA EMPLOYEE \$ 500,000
			NO EXCLUDED OFFICERS			E.L. DISEASE - POLICY LIMIT \$ 500,000
D	LEASED/RENTED EQUIPMENT		CIM029002916	3/20/2015	3/20/2016	LIMIT: \$250,0000 DEDUCTIBLE: \$1,000

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

Re: Walpole X-A003(745), 28434 - Rehabilitation and replacement of three culverts under NH 12.
The Certificate Holder as an additional insured on all liability policies except workers comp is applicable when required by written contract with the named insured.

CERTIFICATE HOLDER**CANCELLATION**

State of NH
Dept. of Transportation
P.O. 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

Donna Bickford/DTB



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/1/2015

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PRODUCER THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511		CONTACT NAME: Donna Bickford PHONE (A/C No. Ext): (603) 224-2562 FAX (A/C No.): (603) 224-8012 E-MAIL ADDRESS: dbickford@rowleyagency.com	
INSURED State of NH, Dept of Transportation c/o Cold River Bridges LLC PO Box 1076 Walpole NH 03608		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers Indemnity Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

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INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY ☐ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Owners & Contractors GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PROJECT ☐ LOC			PRS-7E06189A-IND	4/22/2015	4/22/2016	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB EXCESS LIAB DED ☐ RETENTION \$ ☐						EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						WC STATUTORY LIMITS ☐ OTHER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

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

Walpole, X-A003(745), 28434 - Rehabilitation and replacement of three culverts under NH Rte 12

CERTIFICATE HOLDER**CANCELLATION**State of NH Dept. of Transportation
PO Box 483
Concord, NH 03302-0483

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AUTHORIZED REPRESENTATIVE

Donna Bickford/DTB