



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



24B

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
May 2, 2019

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with C.L.H. & Son, Inc. (Vendor 153124) of Auburn, ME on the basis of a low bid of \$1,068,762.50 for rehabilitation of four large metal culverts along US 3 (Bypass) in Gilford, from the date of Governor and Council approval through November 8, 2019, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funds to support this request are anticipated to be available in State FY 2020 as follows:

Funding is available as follows:	<u>FY 2020</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$1,068,762.50

2. Further authorize that a contingency in the amount of \$53,438.13 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>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$53,438.13

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Culvert Replacement/Rehabilitation and Drainage Repair (CRDR) Program. The project will rehabilitate three corrugated steel structural plate culverts in the Town of Gilford. Location 1 is 72" diameter x 190' long, crossing under US 3 Bypass approximately 250' south of the bridge over NH 11. Location 2 is 84" diameter x 206' long, crossing diagonally under NH 11A approximately 200' east of the US 3 Bypass bridge over NH 11A. Location 3 is 84" diameter x 220' long, crossing under the US 3 Bypass approximately 150' south of the Bypass bridge over NH 11A. The proposed rehabilitation for all three culverts is shotcrete invert lining. Incidental work includes resetting existing stone channel protection at the inlet and outlet of each culvert and replacement of three 12" corrugated metal slope drains in close proximity to the Location 2 and 3 culverts.

The project will also rehabilitate an 84" diameter x 132' long corrugated steel structural plate culvert located under the US 3 Bypass southbound on-ramp from NH 11A, approximately 130' south of the edge of NH 11A in the Town of Gilford. The proposed treatment is slip lining with a 76" diameter corrugated metal structural plate liner. A portion of deformed culvert at the inlet end will be removed and replaced with a concrete headwall. Incidental work includes rehabilitating the mitered end section on the outlet side, placing and resetting

Page 2.

stone channel protection at both ends, repair of a sinkhole in the inlet side embankment, and replacement of one 12" corrugated metal slope drain in close proximity to the culvert outlet.

The purpose of this project is culvert rehabilitation. The subject culverts were constructed in 1964/1965 and are experiencing severe corrosion along the inverts. The 84" diameter culvert under the US 3 Bypass southbound on-ramp is sagging near the inlet end indicating the beginning of structural failure. The remaining three culverts show no signs of deformation, but are in need of preservation to avoid a more costly rehabilitation such as that required for the 41655 culvert.

The proposed contingency amount is 5% of the contract amount. This is to account for the risks associated with the unknown extent of voids outside the culverts, unanticipated traffic control needs, and potential risk of over-runs in minor items such as invasive species control and erosion control.

Although the bid costs exceeded the Department's estimate by 26.02%, the low bid of 2 bids received is felt to be reasonable for the work involved. Four items contributed to 99% of the overage. Three of the items, cofferdams, maintenance of traffic and mobilization are difficult to estimate costs for, as they are heavily influenced by site conditions. We have limited bidding history on the fourth item, metal tunnel liner plate. Re-advertising 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.

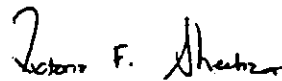
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 (Culvert Replacement/Rehabilitation and Drainage Repair (CRDR) Program) with anticipated utilization of Turnpike Toll Credits as the State's 20% match, 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: \$ 848,067.00
Contract Amount: \$1,068,762.50
Over Estimate: \$ 220,695.50
Attachments



ABC Bid Data

GILFORD, GILFORD
 42249, 41655
 X-A004(796) , X-A004(710)

PROJECT:	GILFORD, GILFORD	Awarded To:	C.L.H. & SON INC	Certified by:	<u>PETER.E.STAMNAS</u>
STATE PROJECT NUMBER:	42249, 41655		2841 TURNER ROAD		Director of Project Development
FED. PROJECT NUMBER:	X-A004(796) , X-A004(710)		AUBURN, ME 04210		
DATE BIDS OPEN:	May 02, 2019, 2:00 PM	Amount:	\$1,068,762.50	Award Date:	
SCOPE OF WORK:	Rehabilitate 3 large metal culverts along US 3 (Bypass) in Gilford.				
COMPLETION DATE:	November 08, 2019				
LOCATION:	Belknap				

Summary of Bidders

Contractor	Bid Amount	Rank
C.L.H. & SON INC 2841 TURNER ROAD, AUBURN ME 04210	\$1,068,762.50	A
PROSHOT CONCRETE INC 4158 MUSGROVE DRIVE, FLORENCE AL 35630	\$1,139,865.00	B

Item No.	Description	Unit	Quantity	P&E		C.L.N. & SON INC 2841 TURNER ROAD AUBURN, ME 04219		PROSHOT CONCRETE INC 4153 MILBROOKE DRIVE FLORENCE, AL 35639	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	50.00	\$15.00	\$750.00	\$9.27	\$463.50	\$50.00	\$2,500.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	25.00	\$15.00	\$375.00	\$13.68	\$341.50	\$50.00	\$1,250.00
202.42	REMOVAL OF EXISTING PIPE OVER 24" DIAMETER	LF	18.00	\$40.00	\$720.00	\$277.00	\$4,986.00	\$1,000.00	\$18,000.00
203.11	COMMON EXCAVATION - LRS	CY	15.00	\$25.00	\$375.00	\$40.00	\$600.00	\$800.00	\$12,000.00
203.601	EMBANKMENT-IN-PLACE	CY	150.00	\$25.00	\$3,750.00	\$11.00	\$1,650.00	\$800.00	\$120,000.00
206.1	COMMON STRUCTURE EXCAVATION	CY	190.00	\$30.00	\$5,700.00	\$20.00	\$3,800.00	\$800.00	\$152,000.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	17.00	\$70.00	\$1,190.00	\$20.00	\$340.00	\$600.00	\$13,600.00
209.1	GRANULAR BACKFILL	CY	20.00	\$40.00	\$800.00	\$25.00	\$500.00	\$800.00	\$16,000.00
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$22,500.00	\$22,500.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$17,500.00	\$17,500.00	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$22,500.00	\$22,500.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00
503.104	WATER DIVERSION STRUCTURE	U	1.00	\$22,500.00	\$22,500.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00
503.201	COFFERDAMS	U	1.00	\$27,000.00	\$27,000.00	\$54,000.00	\$54,000.00	\$18,000.00	\$18,000.00
508.	STRUCTURAL FILL	CY	5.00	\$75.00	\$375.00	\$25.00	\$125.00	\$1,000.00	\$5,000.00
520.1	CONCRETE CLASS A	CY	12.00	\$1,000.00	\$12,000.00	\$550.00	\$6,600.00	\$3,000.00	\$36,000.00
520.32	GROUTING VOIDS IN BACKFILL MATERIAL	CY	160.00	\$225.00	\$36,000.00	\$300.00	\$48,000.00	\$500.00	\$80,000.00
521.1	SHOTCRETE LINER (F)	SF	5,070.00	\$53.50	\$271,245.00	\$45.00	\$228,150.00	\$36.00	\$182,520.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	1.00	\$110.00	\$110.00	\$225.00	\$225.00	\$500.00	\$500.00
544.1	REINFORCING STEEL (ROADWAY)	LB	308.00	\$3.00	\$924.00	\$0.75	\$231.00	\$10.00	\$3,080.00
583.002	RESET EXISTING RIPRAP	SY	155.00	\$40.00	\$6,200.00	\$39.00	\$6,045.00	\$100.00	\$15,500.00
585.2	STONE FILL, CLASS B	CY	41.00	\$80.00	\$2,480.00	\$82.00	\$2,542.00	\$600.00	\$24,600.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	70.00	\$3.00	\$210.00	\$1.00	\$70.00	\$10.00	\$700.00
602.011	FILL MATERIAL FOR ANNULAR SPACE	CY	50.00	\$325.00	\$16,250.00	\$250.00	\$12,500.00	\$300.00	\$15,000.00
602.24284	CORRUGATED METAL TUNNEL LINER FOR 84" PIPE	LF	112.00	\$620.00	\$69,440.00	\$1,000.00	\$112,000.00	\$1,000.00	\$112,000.00
603.0001	VIDEO INSPECTION	LF	198.00	\$8.00	\$1,188.00	\$2.00	\$396.00	\$10.00	\$1,980.00
603.34115	15" STEEL END SECTIONS	EA	4.00	\$300.00	\$1,200.00	\$195.00	\$780.00	\$2,500.00	\$10,000.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	198.00	\$60.00	\$11,880.00	\$80.00	\$15,840.00	\$200.00	\$39,600.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	14,000.00	\$1.00	\$14,000.00	\$1.00	\$14,000.00	\$1.00	\$14,000.00
618.7	FLAGGERS	HR	900.00	\$28.00	\$25,200.00	\$34.00	\$30,600.00	\$20.00	\$18,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$42,000.00	\$42,000.00	\$79,343.00	\$79,343.00	\$10,000.00	\$10,000.00

Item No.	Description	Unit	Quantity	P&E		C.L.H. & SON INC 2841 TURNER ROAD ALBURN, ME 04216		PROSHOT CONCRETE INC 4159 BUSHGROVE DRIVE FLORENCE, AL 35630	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	20.00	\$240.00	\$4,800.00	\$1,440.00	\$28,800.00	\$400.00	\$8,000.00
622.1	STEEL WITNESS MARKERS	EA	4.00	\$40.00	\$180.00	\$75.00	\$300.00	\$1,000.00	\$4,000.00
645.3	EROSION STONE	TON	100.00	\$40.00	\$4,000.00	\$25.00	\$2,500.00	\$300.00	\$30,000.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	340.00	\$3.00	\$1,020.00	\$2.00	\$680.00	\$10.00	\$3,400.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,550.00	\$4.50	\$11,475.00	\$4.75	\$12,112.50	\$5.00	\$12,750.00
645.531	SILT FENCE	LF	3,100.00	\$3.00	\$9,300.00	\$1.75	\$5,425.00	\$3.00	\$9,300.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$3,900.00	\$3,900.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	185.00	\$75.00	\$12,375.00	\$100.00	\$18,500.00	\$117.00	\$19,305.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	340.00	\$8.00	\$2,720.00	\$14.00	\$4,760.00	\$8.00	\$2,720.00
670.0491	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$9,000.00	\$9,000.00	\$3,456.00	\$3,456.00	\$10,000.00	\$10,000.00
670.0492	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$8,000.00	\$8,000.00	\$5,700.00	\$5,700.00	\$10,000.00	\$10,000.00
670.0493	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00	\$2,000.00	\$2,000.00
670.0494	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$10,000.00	\$10,000.00	\$11,700.00	\$11,700.00	\$2,000.00	\$2,000.00
670.0495	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$10,000.00	\$10,000.00	\$9,451.00	\$9,451.00	\$2,000.00	\$2,000.00
692.	MOBILIZATION	U	1.00	\$85,000.00	\$85,000.00	\$175,000.00	\$175,000.00	\$25,000.00	\$25,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,500.00	\$1,500.00	\$850.00	\$850.00	\$910.00	\$910.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,000.00	\$3,000.00	\$2,900.00	\$2,900.00	\$3,250.00	\$3,250.00
698.13	FIELD OFFICE TYPE C	MON	5.00	\$1,775.00	\$8,875.00	\$3,300.00	\$16,500.00	\$3,000.00	\$15,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	8,500.00	\$1.00	\$8,500.00	\$1.00	\$8,500.00	\$1.00	\$8,500.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
Totals:				\$848,067.00	\$1,068,762.50	\$1,068,762.50	\$1,139,865.00	\$1,139,865.00	\$1,139,865.00
Alt. Totals:									
Totals:				\$848,067.00	\$1,068,762.50	\$1,068,762.50	\$1,139,865.00	\$1,139,865.00	\$1,139,865.00



PS&E Comparison

GILFORD, GILFORD

42249, 41655

X-A004(796) , X-A004(710)

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	50.00	\$9.27	\$463.50	\$15.00	\$750.00	(\$286.50)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	25.00	\$13.66	\$341.50	\$15.00	\$375.00	(\$33.50)
202.42	REMOVAL OF EXISTING PIPE OVER 24" DIAMETER	LF	18.00	\$277.00	\$4,986.00	\$40.00	\$720.00	\$4,266.00
203.11	COMMON EXCAVATION - LRS	CY	15.00	\$40.00	\$600.00	\$25.00	\$375.00	\$225.00
203.601	EMBANKMENT-IN-PLACE	CY	150.00	\$11.00	\$1,650.00	\$25.00	\$3,750.00	(\$2,100.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	190.00	\$20.00	\$3,800.00	\$30.00	\$5,700.00	(\$1,900.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	17.00	\$20.00	\$340.00	\$70.00	\$1,190.00	(\$850.00)
209.1	GRANULAR BACKFILL	CY	20.00	\$25.00	\$500.00	\$40.00	\$800.00	(\$300.00)
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$22,500.00	\$22,500.00	\$7,500.00
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$25,000.00	\$25,000.00	\$17,500.00	\$17,500.00	\$7,500.00
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$22,500.00	\$22,500.00	\$7,500.00
503.104	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$22,500.00	\$22,500.00	\$7,500.00
503.201	COFFERDAMS	U	1.00	\$54,000.00	\$54,000.00	\$27,000.00	\$27,000.00	\$27,000.00
508.	STRUCTURAL FILL	CY	5.00	\$25.00	\$125.00	\$75.00	\$375.00	(\$250.00)
520.1	CONCRETE CLASS A	CY	12.00	\$550.00	\$6,600.00	\$1,000.00	\$12,000.00	(\$5,400.00)

520.32	GROUTING VOIDS IN BACKFILL MATERIAL	CY	160.00	\$300.00	\$48,000.00	\$225.00	\$36,000.00	\$12,000.00
521.1	SHOTCRETE LINER (F)	SF	5,070.00	\$45.00	\$228,150.00	\$53.50	\$271,245.00	(\$43,095.00)
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	1.00	\$225.00	\$225.00	\$110.00	\$110.00	\$115.00
544.1	REINFORCING STEEL (ROADWAY)	LB	308.00	\$0.75	\$231.00	\$3.00	\$924.00	(\$693.00)
583.002	RESET EXISTING RIPRAP	SY	155.00	\$39.00	\$6,045.00	\$40.00	\$6,200.00	(\$155.00)
585.2	STONE FILL, CLASS B	CY	41.00	\$62.00	\$2,542.00	\$60.00	\$2,460.00	\$82.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	70.00	\$1.00	\$70.00	\$3.00	\$210.00	(\$140.00)
602.011	FILL MATERIAL FOR ANNULAR SPACE	CY	50.00	\$250.00	\$12,500.00	\$325.00	\$16,250.00	(\$3,750.00)
602.24284	CORRUGATED METAL TUNNEL LINER FOR 84" PIPE	LF	112.00	\$1,000.00	\$112,000.00	\$620.00	\$69,440.00	\$42,560.00
603.0001	VIDEO INSPECTION	LF	198.00	\$2.00	\$396.00	\$6.00	\$1,188.00	(\$792.00)
603.34115	15" STEEL END SECTIONS	EA	4.00	\$195.00	\$780.00	\$300.00	\$1,200.00	(\$420.00)
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	198.00	\$80.00	\$15,840.00	\$60.00	\$11,880.00	\$3,960.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	14,000.00	\$1.00	\$14,000.00	\$1.00	\$14,000.00	\$0.00
618.7	FLAGGERS	HR	900.00	\$34.00	\$30,600.00	\$28.00	\$25,200.00	\$5,400.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$79,343.00	\$79,343.00	\$42,000.00	\$42,000.00	\$37,343.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	20.00	\$1,440.00	\$28,800.00	\$240.00	\$4,800.00	\$24,000.00
622.1	STEEL WITNESS MARKERS	EA	4.00	\$75.00	\$300.00	\$40.00	\$160.00	\$140.00
645.3	EROSION STONE	TON	100.00	\$25.00	\$2,500.00	\$40.00	\$4,000.00	(\$1,500.00)
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	340.00	\$2.00	\$680.00	\$3.00	\$1,020.00	(\$340.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,550.00	\$4.75	\$12,112.50	\$4.50	\$11,475.00	\$637.50
645.531	SILT FENCE	LF	3,100.00	\$1.75	\$5,425.00	\$3.00	\$9,300.00	(\$3,875.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	(\$500.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	165.00	\$100.00	\$16,500.00	\$75.00	\$12,375.00	\$4,125.00

646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	340.00	\$14.00	\$4,760.00	\$8.00	\$2,720.00	\$2,040.00
670.0491	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$3,456.00	\$3,456.00	\$9,000.00	\$9,000.00	(\$5,544.00)
670.0492	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$5,700.00	\$5,700.00	\$8,000.00	\$8,000.00	(\$2,300.00)
670.0493	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$13,000.00	\$13,000.00	\$10,000.00	\$10,000.00	\$3,000.00
670.0494	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$11,700.00	\$11,700.00	\$10,000.00	\$10,000.00	\$1,700.00
670.0495	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$9,451.00	\$9,451.00	\$10,000.00	\$10,000.00	(\$549.00)
692.	MOBILIZATION	U	1.00	\$175,000.00	\$175,000.00	\$85,000.00	\$85,000.00	\$90,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$850.00	\$850.00	\$1,500.00	\$1,500.00	(\$650.00)
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,900.00	\$2,900.00	\$3,000.00	\$3,000.00	(\$100.00)
698.13	FIELD OFFICE TYPE C	MON	5.00	\$3,300.00	\$16,500.00	\$1,775.00	\$8,875.00	\$7,625.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,500.00	\$1.00	\$6,500.00	\$1.00	\$6,500.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00

Total: \$1,068,762.50 \$848,067.00 \$220,695.50

March 28, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: These two Projects will be advertised together as one Contract.

The 42249 project will rehabilitate three corrugated steel structural plate culverts in the Town of Gilford. Location 1 is 72" diameter x 190' long, crossing under US 3 Bypass approximately 250' south of the bridge over NH 11. Location 2 is 84" diameter x 206' long, crossing diagonally under NH 11A approximately 200' east of the US 3 Bypass bridge over NH 11A. Location 3 is 84" diameter x 220' long, crossing under the US 3 Bypass approximately 150' south of the Bypass bridge over NH 11A. The proposed rehabilitation for all three culverts is shotcrete invert lining. Incidental work includes resetting existing stone channel protection at the inlet and outlet of each culvert and replacement of three 12" corrugated metal slope drains in close proximity to the Location 2 and 3 culverts.

The 41655 project will rehabilitate an 84" diameter x 132' long corrugated steel structural plate culvert located under the US 3 Bypass southbound on-ramp from NH 11A, approximately 130' south of the edge of NH 11A in the Town of Gilford. The proposed treatment is slip lining with a 76" diameter corrugated metal structural plate liner. A portion of deformed culvert at the inlet end will be removed and replaced with a concrete headwall. Incidental work includes rehabilitating the mitered end section on the outlet side, placing and resetting stone channel protection at both ends, repair of a sinkhole in the inlet side embankment, and replacement of one 12" corrugated metal slope drain in close proximity to the culvert outlet.

FEDERAL FUNDING: 80% Federal (Culvert Replacement/Rehabilitation and Drainage Repair (CRDR) Program) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The proposed contingency amount is 5% of the contract amount. This is to account for the risks associated with the unknown extent of voids outside the culverts, unanticipated traffic control needs, and potential risk of over-runs in minor Items such as invasive species control and erosion control.

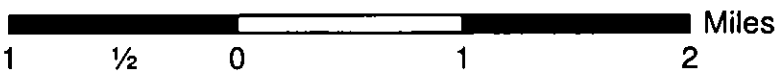
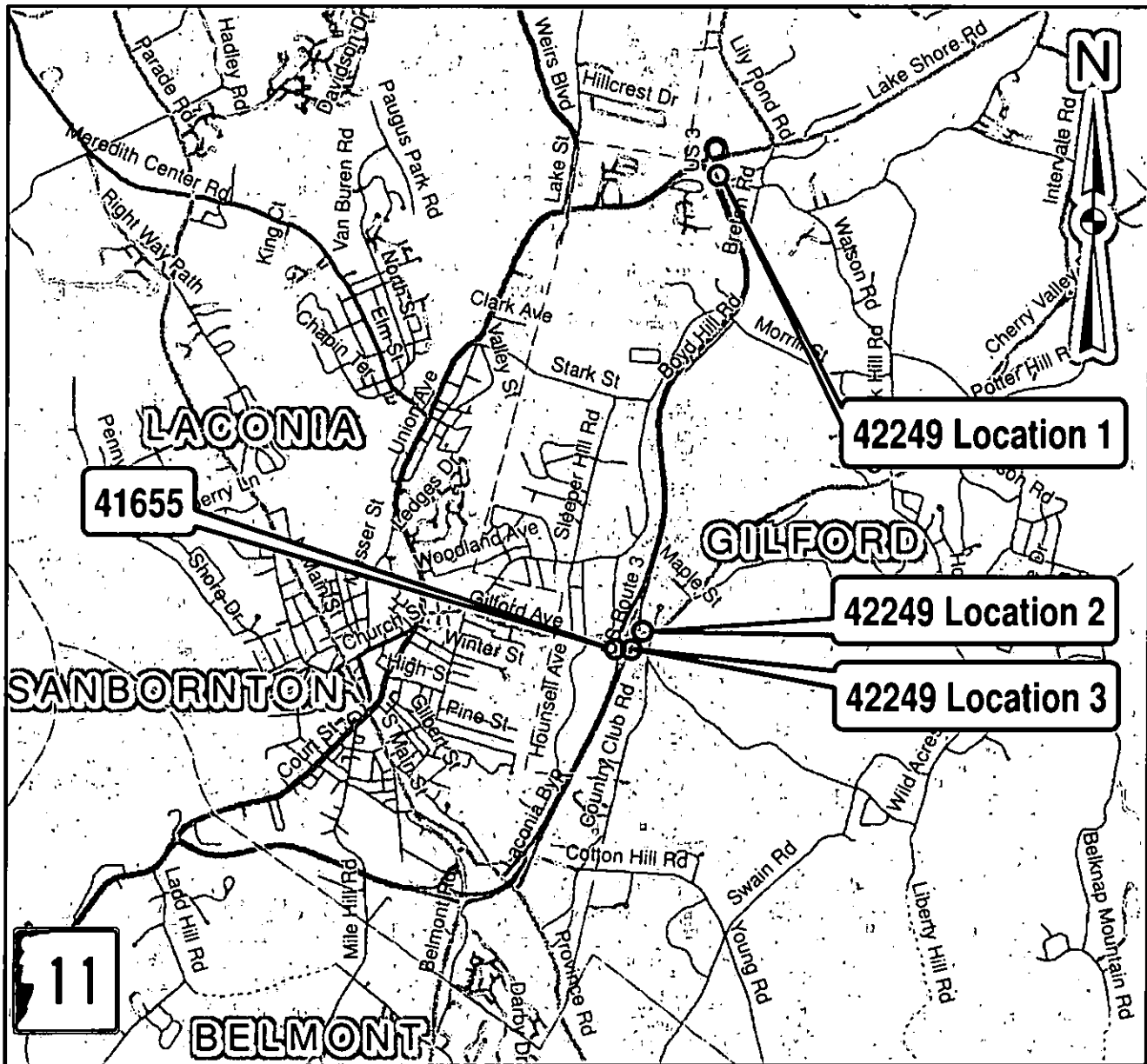
PROJECT INITIATED: State's 10 Year Plan, under the CRDR Program

PROJECT EXPLANATION: The purpose of this project is culvert rehabilitation. The subject culverts were constructed in 1964/1965 and are experiencing severe corrosion along the inverts. The 41655 culvert is sagging near the inlet end indicating the beginning of structural failure. The 42249 culverts show no signs of deformation, but are in need of preservation to avoid a more costly rehabilitation such as that required for the 41655 culvert.

TRAFFIC IMPLICATION: Daily shoulder closures will be required on US 3 Bypass/NH 11 and on NH 11A eastbound for access to the culvert inlets and outlets. Lane shifts will be allowed if necessary for delivery of materials and equipment. Ramp traffic will be maintained at all times. Traffic will be returned to normal operation during non-work hours. Work that impacts traffic will not be allowed on Sundays, Holidays, the day before and after a Holiday, and during special events scheduled by the Town.

FINAL COMPLETION DATE: November 8, 2019.

GILFORD - US3 (LACONIA BYPASS) CULVERT REHABILITATION

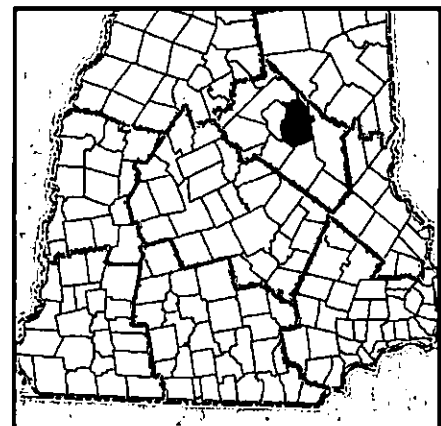


LEGEND

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

New Hampshire
DOT
Department of Transportation

State #: 42249
Federal #: X-A004(796)
State #: 41655
Federal #: X-A004(710)
LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/16/2019

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 have ADDITIONAL INSURED provisions or 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 Cross Insurance - Lewiston 150 Mill Street Fourth Floor, Suite 4 Lewiston ME 04240-3101	CONTACT NAME: Tina L. Ainsworth
	PHONE (A/C No, Ext): (207) 783-8591 FAX (A/C, No): (207) 777-6223 E-MAIL ADDRESS: tainsworth@crossagency.com
INSURED CLH & Son, Inc. 2841 Turner Road Auburn ME 04210	INSURER(S) AFFORDING COVERAGE NAIC #
	INSURER A: Massachusetts Bay Ins Co 22306
	INSURER B: Hanover Ins Co. 22292
	INSURER C: Hanover Insurance Group, Inc.
	INSURER D: MEMIC Indemnity Company 11030
	INSURER E: Houston Casualty Co. 42374
INSURER F:	

COVERAGES CERTIFICATE NUMBER: CL191474128 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	ADOL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			ZDP3568647	01/03/2019	01/03/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Employment Related \$ 250,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			AHP3312227	01/03/2019	01/03/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist \$ 1,000,000
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED RETENTION \$ OCCUR CLAIMS-MADE			UHP4805691	01/03/2019	01/03/2020	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	5101800535	01/03/2019	01/03/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Professional Liability			HCC1966552	01/25/2019	01/25/2020	2,000,000 Aggregate 1,000,000 Occurrence 10,000 Ded

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

Gilford X-A004(796)m 42249; X-A004(710), 41855

The certificate holder is additionally insured where required by written contract or agreement with respect to general liability only for work performed by the named insured for the certificate holder.

CERTIFICATE HOLDER NH Dept of Transportation 7 Hazen Drive, PO Box 483 Concord NH 03302-0483	CANCELLATION 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 <i>Tina L. Ainsworth</i>

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/29/2019

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PRODUCER Cross Insurance - Lewiston 150 Mill Street Fourth Floor, Suite 4 Lewiston ME 04240-3101		CONTACT NAME: Tina L. Ainsworth PHONE (AC, No, Ext): (207) 783-8591 FAX (AC, No): (207) 777-8223 E-MAIL ADDRESS: tainsworth@crossagency.com	
INSURED The State of New Hampshire c/o CLH & Son Inc. 2841 Turner Road Auburn ME 04210		INSURER(S) AFFORDING COVERAGE INSURER A: Hanover Insurance Group, Inc. INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** OCP - Gifford, NH **REVISION NUMBER:**

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INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners Protective Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		LHPD933122	05/29/2019	05/29/2020	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 <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> 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	Y/N N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

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

Gifford X-A004(796)m 42249; X-A004(710), 41855

CERTIFICATE HOLDER

NH Dept of Transportation
 7 Hazen Drive, PO Box 483
 Concord NH 03302-0483

CANCELLATION

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AUTHORIZED REPRESENTATIVE
Tina L. Ainsworth