



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

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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
October 4, 2018

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 \$497,548.00 for rehabilitation of three culverts underneath I-393 in Concord and Pembroke, from the date of Governor and Council approval through October 18, 2019 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2019 and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2020 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Table with 3 columns: Funding description, FY 2019, FY 2020. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$297,548.00 \$200,000.00

2. Further authorize that a contingency in the amount of \$49,754.80 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.

Table with 3 columns: Funding description, FY 2019, FY 2020. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$49,754.80

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under Culvert Replacement Rehabilitation and Drainage Repair Program (CRDR). This project involves the rehabilitation of three culverts underneath I-393. All three culverts are corrugated metal pipes with deteriorating inverts. Location 1 is in the City of Concord and is an 84" corrugated metal culvert located 600' west of the NH 106 overpass (mile 3.35). Location 2 is in the Town of Pembroke and is a set of two 54" corrugated metal culverts located 500' east of the Soucook River (mile 3.95). The proposed treatment for all three culverts is shotcrete invert lining.

The purpose of this project is culvert rehabilitation. The subject culverts are corrugated metal, constructed in 1987. The inverts are moderately to heavily rusted with perforations and sections of missing invert. Stone headwalls also need minor repair.

The proposed contingency amount is 10% of the contract amount. This is to account for the risks associated with the unknown extent of headwall repairs and voids outside the pipes, unanticipated traffic control needs, and weather dependent items such as water diversions and erosion control.

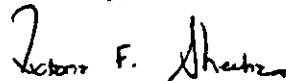
Although the bid costs exceeded the Department's estimate by 6.20%, the low bid of 5 bids received is felt to be reasonable for the work involved. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers 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 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,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$468,520.00
Contract Amount: \$497,548.00
Over Estimate: \$ 29,028.00
Attachments

AD DATE: September 4, 2018

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves the rehabilitation of three culverts underneath I-393. All three culverts are corrugated metal pipes with deteriorating inverts. Location 1 is in the City of Concord and is an 84" corrugated metal culvert located 600' west of the NH 106 overpass (mile 3.35). Location 2 is in the Town of Pembroke and is a set of two 54" corrugated metal culverts located 500' east of the Soucook River (mile 3.95). The proposed treatment for all three culverts is shotcrete invert lining.

Incidental work includes slip lining an 18" cmp connected to the culvert at Location 1, slip lining a 24" cmp connected to one culvert at Location 2, placement of stone fill at the inlet and outlet of the culvert at Location 1, resetting existing stone at the inlet and outlet of the culvert at Location 2, and minor headwall repairs at both locations.

FEDERAL FUNDING: 80% (Culvert Rehabilitation CRDR) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The proposed contingency amount is 10% of the contract amount. This is to account for the risks associated with the unknown extent of headwall repairs and voids outside the pipes, unanticipated traffic control needs, and weather dependent items such as water diversions and erosion control.

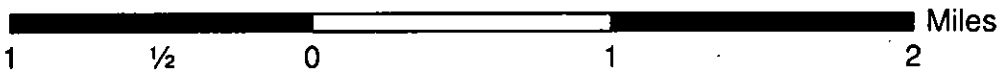
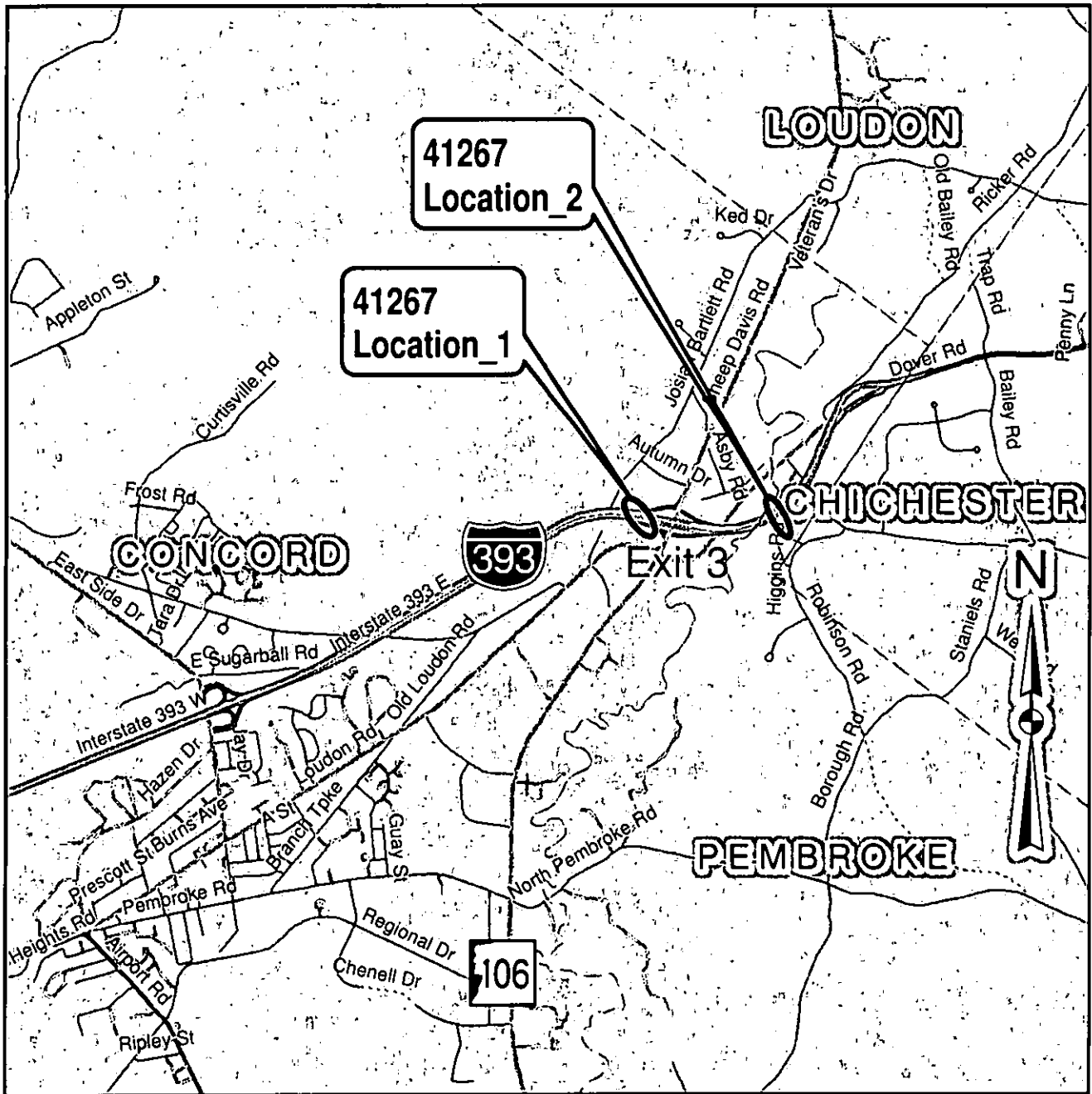
PROJECT INITIATED: State's 10 Year Plan, under the Culvert Replacement/Rehabilitation and Drainage Repair (CRDR) Program

PROJECT EXPLANATION: The purpose of this project is culvert rehabilitation. The subject culverts are corrugated metal, constructed in 1987. The inverts are moderately to heavily rusted with perforations and sections of missing invert. Stone headwalls also need minor repair.

TRAFFIC IMPLICATIONS: Daily shoulder closures (during work hours only) will be required for access to the culvert inlets and outlets. At Location 1, lane shifts will be required on the I-393 Exit 3 EB off ramp and WB on ramp for delivery of materials and equipment and for staging concrete pumping equipment on the shoulder. No impact to ramp traffic is anticipated. At Location 2, the I-393 WB right lane may be closed, if needed, for slip lining the 24" cmp. Lane closures will not be allowed on I-393 WB from 5am to 9am. Shoulder closures will not be allowed on I-393 EB on Fridays from 3 pm to 6 pm. Work that impacts traffic will not be allowed on Sundays, Holidays, the day before and after a Holiday, and from 3 days before to 2 days after the July 2019 NASCAR race.

COMPLETION DATE: October 18, 2019

CONCORD-PEMBROKE I-393 CULVERT REHABILITATION



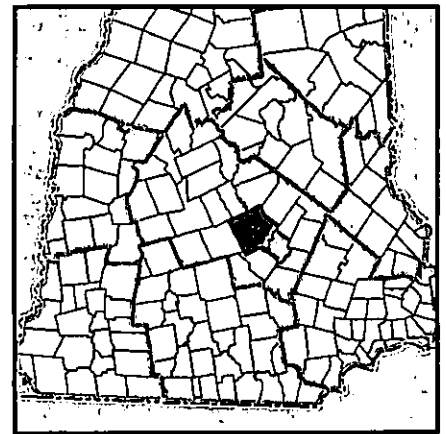
LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 41267
 Federal #: X-A004(575)

LOCATION MAP





ABC Bid Data

CONCORD-PEMBROKE
41267
X-A004(575)

PROJECT:	CONCORD-PEMBROKE	Awarded To:	C.L.H. & SON INC
STATE PROJECT NUMBER:	41267		2841 TURNER ROAD
FED. PROJECT NUMBER:	X-A004(575)		AUBURN, ME 04210
DATE BIDS OPEN:	September 27, 2018,	Amount:	\$497,548.00
SCOPE OF WORK:	Culvert preservation for three CMPs	Award Date:	
COMPLETION DATE:	October 18, 2019	Certified by:	<u>PETER E. STAMNAS</u>
LOCATION:			<small>Director of Project Development</small>

Summary of Bidders

Contractor	Bid Amount	Rank
C.L.H. & SON INC 2841 TURNER ROAD AUBURN ME 04210	\$497,548.00	A
WEAVER BROS. CONST. CO., INC. 1629 RTE 3A, BOW NH 03304	\$564,981.25	B
BUSBY CONSTRUCTION CO. INC. 71 ROUTE 111 ATKINSON NH 03811	\$588,765.00	C
PROSHOT CONCRETE INC 4158 MUSGROVE DRIVE, FLORENCE AL 35630	\$715,918.00	D
NATIONAL WATER MAIN CLEANING CO. 25 MARSHALL STREET CANTON MA 02021	\$857,356.75	E

Item No.	Description	Unit	Quantity	PS&E		C.L.H. & SON INC 2841 TURNER ROAD AUBURN, ME 04210		WEAVER BROS. CONST. CO., INC. 1628 RTE 3A BOW, NH 03304	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	90.00	\$10.00	\$900.00	\$7.00	\$630.00	\$5.00	\$450.00
206.1	COMMON STRUCTURE EXCAVATION	CY	45.00	\$75.00	\$3,375.00	\$20.00	\$900.00	\$85.25	\$3,836.25
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	5.00	\$75.00	\$375.00	\$80.00	\$400.00	\$100.00	\$500.00
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$4,000.00	\$4,000.00	\$16,000.00	\$16,000.00	\$12,000.00	\$12,000.00
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$19,000.00	\$19,000.00
520.32	GROUTING VOIDS IN BACKFILL MATERIAL	CY	60.00	\$275.00	\$16,500.00	\$250.00	\$15,000.00	\$550.00	\$33,000.00
521.1	SHOTCRETE LINER (F)	SF	8,050.00	\$40.00	\$242,000.00	\$36.38	\$220,099.00	\$40.00	\$242,000.00
571.1	REPAIRING AND POINTING STONE MASONRY	SY	15.00	\$300.00	\$4,500.00	\$169.00	\$2,535.00	\$500.00	\$7,500.00
583.002	RESET EXISTING RIPRAP	SY	60.00	\$50.00	\$3,000.00	\$53.00	\$3,180.00	\$65.00	\$3,900.00
585.1	STONE FILL, CLASS A	CY	10.00	\$100.00	\$1,000.00	\$75.00	\$750.00	\$95.00	\$950.00
585.2	STONE FILL, CLASS B	CY	45.00	\$40.00	\$1,800.00	\$103.00	\$4,635.00	\$70.00	\$3,150.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	70.00	\$3.00	\$210.00	\$2.00	\$140.00	\$2.50	\$175.00
602.011	FILL MATERIAL FOR ANNULAR SPACE	CY	1.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
602.22018	PVC LINER FOR 18" PIPE	LF	8.00	\$150.00	\$1,200.00	\$400.00	\$3,200.00	\$2,600.00	\$20,800.00
602.63524	UV CURED-IN-PLACE LINER FOR 24" PIPE	LF	120.00	\$315.00	\$37,800.00	\$516.00	\$81,920.00	\$550.00	\$66,000.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	4.00	\$400.00	\$1,600.00	\$415.00	\$1,660.00	\$600.00	\$2,400.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	18,480.00	\$1.00	\$18,480.00	\$1.00	\$18,480.00	\$1.00	\$18,480.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00
622.1	STEEL WITNESS MARKERS	EA	4.00	\$150.00	\$600.00	\$50.00	\$200.00	\$60.00	\$240.00
645.3	EROSION STONE	TON	40.00	\$25.00	\$1,000.00	\$30.00	\$1,200.00	\$28.00	\$1,120.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	880.00	\$5.00	\$4,300.00	\$4.15	\$3,569.00	\$5.00	\$4,300.00
645.531	SILT FENCE	LF	1,480.00	\$3.00	\$4,380.00	\$2.50	\$3,650.00	\$3.00	\$4,380.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$6,000.00	\$6,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$75.00	\$7,500.00	\$104.00	\$10,400.00	\$78.00	\$7,800.00
670.0491	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$2,000.00	\$2,000.00	\$22,000.00	\$22,000.00	\$12,500.00	\$12,500.00
670.0492	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$1,500.00	\$1,500.00	\$19,000.00	\$19,000.00	\$15,000.00	\$15,000.00
692.	MOBILIZATION	U	1.00	\$80,000.00	\$80,000.00	\$40,000.00	\$40,000.00	\$43,500.00	\$43,500.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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

Item No.	Description	Unit	Quantity	P&E		C.J.H. & SON INC 2841 TURNER ROAD ALBURN, ME 04219		WEAVER BROS. CONST. CO., INC. 1629 RTE 1A BOW, NH 03304	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
Totals:					\$468,620.00		\$497,548.00		\$564,981.25
Alt. Totals:									
Totals:					\$468,620.00		\$497,548.00		\$564,981.25

Item No.	Description	Unit	Quantity	P&AE		BUSBY CONSTRUCTION CO., INC. 71 ROUTE 111 ATKINSON, NH 03811		PROSHOT CONCRETE INC 413 HILSDORVE DRIVE FLORENCE, AL 35830	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	90.00	\$10.00	\$900.00	\$15.00	\$1,350.00	\$18.00	\$1,620.00
206.1	COMMON STRUCTURE EXCAVATION	CY	45.00	\$75.00	\$3,375.00	\$45.00	\$2,025.00	\$54.00	\$2,430.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	5.00	\$75.00	\$375.00	\$105.00	\$525.00	\$126.00	\$630.00
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$4,000.00	\$4,000.00	\$30,000.00	\$30,000.00	\$38,400.00	\$38,400.00
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$2,500.00	\$2,500.00	\$12,000.00	\$12,000.00	\$18,000.00	\$18,000.00
520.32	GROUTING VOIDS IN BACKFILL MATERIAL	CY	60.00	\$275.00	\$16,500.00	\$560.00	\$33,600.00	\$810.00	\$48,600.00
521.1	SHOTCRETE LINER (F)	SF	6,050.00	\$40.00	\$242,000.00	\$36.00	\$217,800.00	\$40.00	\$242,000.00
571.1	REPAIRING AND POINTING STONE MASONRY	SY	15.00	\$300.00	\$4,500.00	\$350.00	\$5,250.00	\$500.00	\$7,500.00
583.002	RESET EXISTING RIPRAP	SY	60.00	\$50.00	\$3,000.00	\$35.00	\$2,100.00	\$42.00	\$2,520.00
585.1	STONE FILL, CLASS A	CY	10.00	\$100.00	\$1,000.00	\$110.00	\$1,100.00	\$120.00	\$1,200.00
585.2	STONE FILL, CLASS B	CY	45.00	\$40.00	\$1,800.00	\$65.00	\$2,925.00	\$78.00	\$3,510.00
583.421	GEOTEXTILE; PERM CONTROL CL2, NON-WOVEN	SY	70.00	\$3.00	\$210.00	\$3.00	\$210.00	\$3.60	\$252.00
602.011	FILL MATERIAL FOR ANNULAR SPACE	CY	1.00	\$500.00	\$500.00	\$2,100.00	\$2,100.00	\$2,000.00	\$2,000.00
602.22018	PVC LINER FOR 18" PIPE	LF	8.00	\$150.00	\$1,200.00	\$2,300.00	\$18,400.00	\$2,625.00	\$21,000.00
602.63524	UV CURED-IN-PLACE LINER FOR 24" PIPE	LF	120.00	\$315.00	\$37,800.00	\$425.00	\$51,000.00	\$485.00	\$58,200.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	4.00	\$400.00	\$1,600.00	\$500.00	\$2,000.00	\$660.00	\$2,640.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	18,480.00	\$1.00	\$18,480.00	\$1.00	\$18,480.00	\$1.00	\$18,480.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$25,000.00	\$25,000.00	\$60,000.00	\$60,000.00	\$66,000.00	\$66,000.00
622.1	STEEL WITNESS MARKERS	EA	4.00	\$150.00	\$600.00	\$55.00	\$220.00	\$60.00	\$240.00
645.3	EROSION STONE	TON	40.00	\$25.00	\$1,000.00	\$37.50	\$1,500.00	\$42.00	\$1,680.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	880.00	\$5.00	\$4,300.00	\$5.00	\$4,300.00	\$6.00	\$5,160.00
645.531	SILT FENCE	LF	1,480.00	\$3.00	\$4,380.00	\$3.00	\$4,380.00	\$3.60	\$5,256.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,500.00	\$2,500.00	\$5,500.00	\$5,500.00	\$6,600.00	\$6,600.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$75.00	\$7,500.00	\$80.00	\$8,000.00	\$96.00	\$9,600.00
670.0491	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$2,000.00	\$2,000.00	\$17,000.00	\$17,000.00	\$20,400.00	\$20,400.00
670.0492	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$1,500.00	\$1,500.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00
692.	MOBILIZATION	U	1.00	\$60,000.00	\$60,000.00	\$55,000.00	\$55,000.00	\$100,000.00	\$100,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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

Item No.	Description	Unit	Quantity	P&E		BUSBY CONSTRUCTION CO., INC. 71 ROUTE 111 ATONSON, NH 03011		PROSHOT CONCRETE INC 4158 MUSHROVE DRIVE FLORENCE, AL 36638	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
Totals:					\$488,620.00		\$588,765.00		\$716,918.00
Alt. Totals:									
Totals:					\$488,620.00		\$588,765.00		\$716,918.00

Item No.	Description	Unit	Quantity	PS&E		NATIONAL WATER WARY CLEANING CO 25 MARSHALL STREET CANTON, MA 02021		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	90.00	\$10.00	\$900.00	\$15.75	\$1,417.50		
206.1	COMMON STRUCTURE EXCAVATION	CY	45.00	\$75.00	\$3,375.00	\$47.25	\$2,126.25		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	5.00	\$75.00	\$375.00	\$110.25	\$551.25		
603.101	WATER DIVERSION STRUCTURE	U	1.00	\$4,000.00	\$4,000.00	\$31,500.00	\$31,500.00		
603.102	WATER DIVERSION STRUCTURE	U	1.00	\$2,500.00	\$2,500.00	\$12,600.00	\$12,600.00		
520.32	GROUTING VOIDS IN BACKFILL MATERIAL	CY	60.00	\$275.00	\$16,500.00	\$150.00	\$9,000.00		
521.1	SHOTCRETE LINER (F)	SF	6,050.00	\$40.00	\$242,000.00	\$91.00	\$550,550.00		
571.1	REPAIRING AND POINTING STONE MASONRY	SY	15.00	\$300.00	\$4,500.00	\$300.00	\$4,500.00		
583.002	RESET EXISTING RIPRAP	SY	80.00	\$50.00	\$3,000.00	\$36.75	\$2,205.00		
585.1	STONE FILL, CLASS A	CY	10.00	\$100.00	\$1,000.00	\$157.50	\$1,575.00		
585.2	STONE FILL, CLASS B	CY	45.00	\$40.00	\$1,800.00	\$68.25	\$3,071.25		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	70.00	\$3.00	\$210.00	\$3.15	\$220.50		
602.011	FILL MATERIAL FOR ANNULAR SPACE	CY	1.00	\$500.00	\$500.00	\$500.00	\$500.00		
602.22018	PVC LINER FOR 18" PIPE	LF	8.00	\$150.00	\$1,200.00	\$750.00	\$6,000.00		
602.63524	UV CURED-IN-PLACE LINER FOR 24" PIPE	LF	120.00	\$315.00	\$37,800.00	\$420.00	\$50,400.00		
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	4.00	\$400.00	\$1,600.00	\$577.50	\$2,310.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	18,480.00	\$1.00	\$18,480.00	\$1.00	\$18,480.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$25,000.00	\$25,000.00	\$37,500.00	\$37,500.00		
622.1	STEEL WITNESS MARKERS	EA	4.00	\$150.00	\$600.00	\$52.50	\$210.00		
645.3	EROSION STONE	TON	40.00	\$25.00	\$1,000.00	\$36.75	\$1,470.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	880.00	\$5.00	\$4,300.00	\$5.00	\$4,300.00		
645.531	SILT FENCE	LF	1,480.00	\$3.00	\$4,380.00	\$3.00	\$4,380.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,500.00	\$2,500.00	\$2,940.00	\$2,940.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$75.00	\$7,500.00	\$94.50	\$9,450.00		
670.0491	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$2,000.00	\$2,000.00	\$17,850.00	\$17,850.00		
670.0492	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$1,500.00	\$1,500.00	\$10,500.00	\$10,500.00		
692.	MOBILIZATION	U	1.00	\$60,000.00	\$60,000.00	\$51,750.00	\$51,750.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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		

Item No.	Description	Unit	Quantity	PALE		NATIONAL WATER MAIN CLEANING CO 25 MARSHALL STREET CANTON, MA 02021			
				Unit Price	Total	Unit Price	Total	Unit Price	Total
				Totals:	\$468,520.00		\$857,356.75		
				Alt. Totals:					
				Totals:	\$468,520.00		\$857,356.75		

PS&E Comparison

CONCORD-PEMBROKE

41267

X-A004(575)

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	90.00	\$7.00	\$630.00	\$10.00	\$900.00	(\$270.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	45.00	\$20.00	\$900.00	\$75.00	\$3,375.00	(\$2,475.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	5.00	\$80.00	\$400.00	\$75.00	\$375.00	\$25.00
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$16,000.00	\$16,000.00	\$4,000.00	\$4,000.00	\$12,000.00
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$500.00
520.32	GROUTING VOIDS IN BACKFILL MATERIAL	CY	60.00	\$250.00	\$15,000.00	\$275.00	\$16,500.00	(\$1,500.00)
521.1	SHOTCRETE LINER (F)	SF	6,050.00	\$36.38	\$220,099.00	\$40.00	\$242,000.00	(\$21,901.00)
571.1	REPAIRING AND POINTING STONE MASONRY	SY	15.00	\$169.00	\$2,535.00	\$300.00	\$4,500.00	(\$1,965.00)
583.002	RESET EXISTING RIPRAP	SY	60.00	\$53.00	\$3,180.00	\$50.00	\$3,000.00	\$180.00
585.1	STONE FILL, CLASS A	CY	10.00	\$75.00	\$750.00	\$100.00	\$1,000.00	(\$250.00)
585.2	STONE FILL, CLASS B	CY	45.00	\$103.00	\$4,635.00	\$40.00	\$1,800.00	\$2,835.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	70.00	\$2.00	\$140.00	\$3.00	\$210.00	(\$70.00)
602.011	FILL MATERIAL FOR ANNULAR SPACE	CY	1.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$500.00
602.22018	PVC LINER FOR 18" PIPE	LF	8.00	\$400.00	\$3,200.00	\$150.00	\$1,200.00	\$2,000.00
602.63524	UV CURED-IN-PLACE LINER FOR 24" PIPE	LF	120.00	\$516.00	\$61,920.00	\$315.00	\$37,800.00	\$24,120.00

604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	4.00	\$415.00	\$1,660.00	\$400.00	\$1,600.00	\$60.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	18,480.00	\$1.00	\$18,480.00	\$1.00	\$18,480.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	(\$5,000.00)
622.1	STEEL WITNESS MARKERS	EA	4.00	\$50.00	\$200.00	\$150.00	\$600.00	(\$400.00)
645.3	EROSION STONE	TON	40.00	\$30.00	\$1,200.00	\$25.00	\$1,000.00	\$200.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	860.00	\$4.15	\$3,569.00	\$5.00	\$4,300.00	(\$731.00)
645.531	SILT FENCE	LF	1,460.00	\$2.50	\$3,650.00	\$3.00	\$4,380.00	(\$730.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$1,500.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$104.00	\$10,400.00	\$75.00	\$7,500.00	\$2,900.00
670.0491	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$22,000.00	\$22,000.00	\$2,000.00	\$2,000.00	\$20,000.00
670.0492	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.00	\$19,000.00	\$19,000.00	\$1,500.00	\$1,500.00	\$17,500.00
692.	MOBILIZATION	U	1.00	\$40,000.00	\$40,000.00	\$60,000.00	\$60,000.00	(\$20,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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

Total:

\$497,548.00

\$468,520.00

\$29,028.00



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/4/2018

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 Cross Insurance-Lewiston 150 Mill Street, Suite 4 Lewiston ME 04240	CONTACT NAME: Tina L. Ainsworth PHONE (A/C No. Ext.): (207)783-2211 E-MAIL ADDRESS: tainsworth@crossagency.com	FAX (A/C. No.): (207)783-3852
	INSURER(S) AFFORDING COVERAGE	
INSURED CLH & Son, Inc. 2841 Turner Road Auburn ME 04210	INSURER A: Massachusetts Bay Ins Co NAIC # 22306	
	INSURER B: Hanover Ins Co. 22292	
	INSURER C: Hanover Insurance Group, Inc.	
	INSURER D: MEMIC Indemnity Company 11030	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** CL181234999 **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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			ZDP3568647	1/3/2018	1/3/2019	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						MED EXP (Any one person) \$ 10,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC						PERSONAL & ADV INJURY \$ 1,000,000
	OTHER:						GENERAL AGGREGATE \$ 2,000,000
B	AUTOMOBILE LIABILITY			ANP3312227	1/3/2018	1/3/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
							Uninsured motorist combined single \$ 1,000,000
C	<input checked="" type="checkbox"/> UMBRELLA LIAB			UMP4805691	1/3/2018	1/3/2019	EACH OCCURRENCE \$ 5,000,000
	<input type="checkbox"/> EXCESS LIAB	<input checked="" type="checkbox"/> OCCUR					AGGREGATE \$ 5,000,000
	DED	RETENTION \$					
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			5101800535	1/3/2018	1/3/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	N/A				E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000

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

RE: Concord / Pembroke

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 03301	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 Tina L. Ainsworth/CN1 <i>Tina L. Ainsworth.</i>

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/18/2018

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 E-MAIL ADDRESS: tainsworth@crossagency.com	FAX (A/C, No): (207) 777-8223
	INSURER(S) AFFORDING COVERAGE	
INSURED The State of NH Dept of Transportation c/o CLH & Son Inc. 2841 Turner Road Auburn ME 04210	INSURER A: Hanover Insurance Group, Inc.	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: OCP Policy

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 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 <input checked="" type="checkbox"/> Owners & Contractors <input type="checkbox"/> Protective Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			LHPD728117	10/18/2018	10/18/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input 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						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$	<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE					EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> Y <input type="checkbox"/> N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			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)

CERTIFICATE HOLDER**CANCELLATION**
 State of NH-Dept of Transportation
 PO 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

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