



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
November 13, 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 CPM Constructors, Inc. (Vendor 153179) of Freeport, ME on the basis of a low bid of \$1,536,742.75 for construction of a new multi-use trail (MUT) bridge in the City of Keene, from the date of Governor and Council approval through October 28, 2016 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Table with 3 columns: Funding description, FY 2016, FY 2017. Row 1: Consolidated Federal Aid 400-500870 Highway Contract Payments, \$1,000,000.00, \$536,742.75

2. Further authorize that a contingency in the amount of \$76,837.14 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.

Table with 3 columns: Funding description, FY 2016, FY 2017. Row 1: Consolidated Federal Aid 400-500870 Highway Contract Payments, \$50,000.00, \$26,837.14

EXPLANATION

This project is part of the State's 10-Year Transportation Improvement Plan. This project consists of the construction of a new multi-use trail (MUT) bridge in the City of Keene. This bridge (Br. No. 128/061) will connect the Ashuelot Rail Trail over NH 12/NH 101 and allow for the safe passage of trail users. The new bridge crossing will be located approximately 1,600 feet east of the Keene roundabout and approximately 2,400 feet west of Main Street and NH 101. Approximately 400 feet of approach fill to each side of NH 12/NH 101 will be constructed to raise the grade of the bridge over NH 12/NH 101.

There is currently an unsafe roadway crossing condition at NH Route 12/101 where the Ashuelot Rail Trail is interrupted by the high volume, high speed roadway. Several near misses between vehicles and pedestrians have occurred every year for decades at this at-grade crossing. The trail is used by recreational trail users (pedestrians, snowmobilers, equestrians, by people who snowshoe, etc...) and the students, faculty, and visitors of Keene State College to access the college's athletic fields to the south of NH Route 12/101, south of the main campus.

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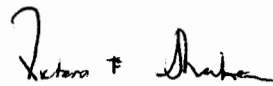
The Contingency amount is proposed to be 5% of the Contract amount. This contingency is warranted due to the level of risk associated with the poor soils on the site, preloading of the site to monitor for settlement of the soils and related subsurface work which includes the driving of piles in close proximity to a gravity fed sewer line.

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,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$2,003,368.00
Contract Amount: \$1,536,742.75
Under Estimate: \$ 466,625.25

Attachments

September 29, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of the construction of a new multi-use trail (MUT) bridge in the City of Keene. This bridge (Br. No. 128/061) will connect the Ashuelot Rail Trail over NH 12/NH 101 and allow for the safe passage of trail users. The new bridge crossing will be located approximately 1,600 feet east of the Keene roundabout and approximately 2,400 feet west of Main Street and NH 101. Approximately 400 feet of approach fill to each side of NH 12/NH 101 will be constructed to raise the grade of the bridge over NH 12/NH 101.

FEDERAL FUNDING: Construction funding is 80% TE utilizing Turnpike Toll credits as the State's 20% match.

CONTINGENCY: The Contingency amount is proposed to be 5% of the Contract amount. This contingency is warranted due to the level of risk associated with the poor soils on the site, preloading of the site to monitor for settlement of the soils and related subsurface work which includes the driving of piles in close proximity to a gravity fed sewer line.

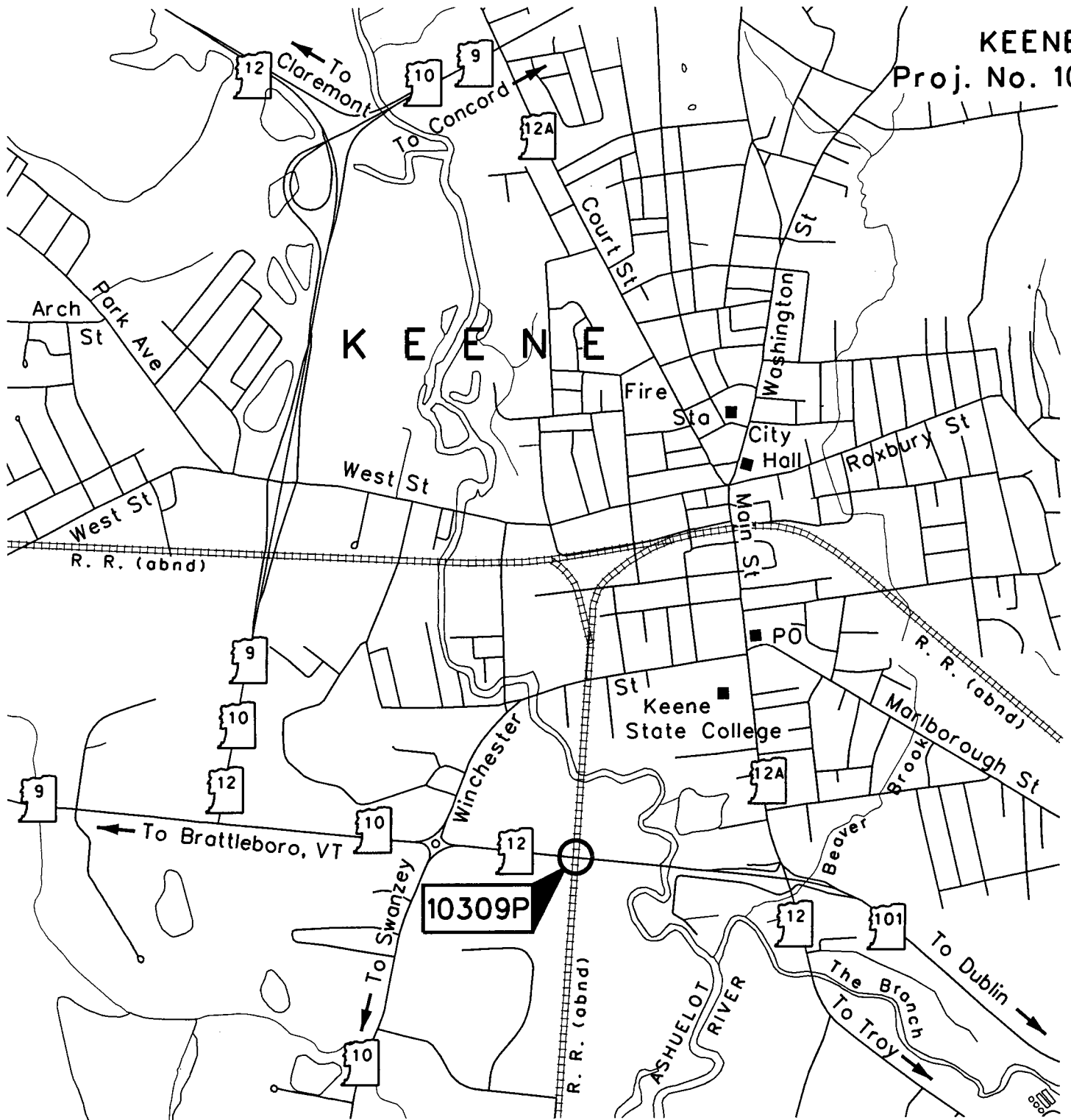
PROJECT INITIATED: State's 10-Year Transportation Improvement Plan

PROJECT EXPLANATION: There is currently an unsafe roadway crossing condition at NH Route 12/101 where the Ashuelot Rail Trail is interrupted by the high volume, high speed roadway. Several near misses between vehicles and pedestrians have occurred every year for decades at this at grade crossing. The trail is used by recreational trail users (pedestrians, snowmobilers, equestrians, snow shoers, etc...) and the students, faculty, and visitors of Keene State College to access the college's athletic fields to the south of NH Route 12/101, south of the main campus.

TRAFFIC IMPLICATIONS: The substructure work and a majority of the superstructure work will take place outside of the roadway limits of NH 12/NH 101. Placement of the center span of the prefabricated pedestrian bridge, anticipated to occur at night, will require a minor closure (30 minutes) to NH 12/NH 101 during this time. Traffic will be detoured around the site on city streets. Placement of the deck will require either alternating one-way traffic or traffic shifts during the time that the deck is being placed above the travel way. Portions of the Ashuelot Rail Trail will be detoured to other trails within the Keene Trail system to avoid the construction.

COMPLETION DATE: October 28, 2016

KEENE
Proj. No. 10309



State of New Hampshire Department of Transportation

Project:	KEENE - SWANZEY X-A000(458) 10309P	
County and Code:	CHESHIRE COUNTY 005	
Date Bids Open:	October 29, 2015	
Scope of Work:	CONSTRUCTION OF MULTI-USE TRAIL BRIDGE	
Location:	CITY OF KEENE	
Completion Date:	October 28, 2016	
A CPM CONSTRUCTORS (B001) PO BOX B FREEPORT, ME 04032		\$1,536,742.75
B NEIL H. DANIELS, INC. 4409 ROUTE 5 AXCUTNEY, VT 05030		\$1,712,629.00
C COLD RIVER BRIDGES LLC PO BOX 1076 10 LANBRO LANE WALPOLE NH 03608		\$1,836,994.00
D R.M. PIPER, INC. PO BOX 490, PLYMOUTH, NH 03264		\$1,882,908.00
E RENAUD BROS CONSTRUCTION INC 283 FORT BRIDGMAN ROAD VERNON VT 05354		\$1,984,827.15
F T BUCK CONSTRUCTION INC 249 MERROW ROAD AUBURN ME 04210		\$2,222,290.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
201.1	CLEARING AND GRUBBING (F)	A	1.60	\$10,000.00	\$16,000.00	\$20,000.00	\$32,000.00	\$10,000.00	\$16,000.00	
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	768.00	\$5.00	\$3,840.00	\$10.00	\$7,680.00	\$5.00	\$3,840.00	
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	111.00	\$5.00	\$555.00	\$20.00	\$2,220.00	\$10.00	\$1,110.00	
203.1	COMMON EXCAVATION	CY	786.00	\$12.00	\$9,432.00	\$10.00	\$7,860.00	\$15.00	\$11,790.00	
203.6	EMBANKMENT-IN-PLACE (F)	CY	9,284.00	\$17.00	\$157,828.00	\$20.00	\$185,680.00	\$18.00	\$167,112.00	
203.7	REHANDLING SURCHARGE MATERIAL	CY	292.00	\$10.00	\$2,920.00	\$15.00	\$4,380.00	\$18.00	\$5,256.00	
203.71	REHANDLING EXCAVATED MATERIAL	CY	165.00	\$10.00	\$1,650.00	\$10.00	\$1,650.00	\$30.00	\$4,950.00	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	60.00	\$50.00	\$3,000.00	\$50.00	\$3,000.00	\$25.00	\$1,500.00	
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	231.00	\$35.00	\$8,085.00	\$50.00	\$11,550.00	\$55.00	\$12,705.00	
210.1	SETTLEMENT PLATFORMS	EA	3.00	\$2,100.00	\$6,300.00	\$5,000.00	\$15,000.00	\$1,000.00	\$3,000.00	
304.754	4" STONE DUST WEARING SURFACE FOR TRAILS	CY	97.00	\$90.00	\$8,730.00	\$50.00	\$4,850.00	\$75.00	\$7,275.00	
504.1	COMMON BRIDGE EXCAVATION (F)	CY	170.00	\$20.00	\$3,400.00	\$50.00	\$8,500.00	\$75.00	\$12,750.00	
508	STRUCTURAL FILL	CY	52.00	\$40.00	\$2,080.00	\$75.00	\$3,900.00	\$100.00	\$5,200.00	
510.1	PILE DRIVING EQUIPMENT	U	1.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$50,000.00	\$50,000.00	
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	157,680.00	\$0.92	\$145,065.60	\$0.70	\$110,376.00	\$0.65	\$102,492.00	
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	12.00	\$250.00	\$3,000.00	\$365.00	\$4,380.00	\$350.00	\$4,200.00	
510.9	PILE SPLICES	EA	30.00	\$200.00	\$6,000.00	\$105.00	\$3,150.00	\$100.00	\$3,000.00	
520.03	CONCRETE CLASS AA, APPROACH SLABS (F)	CY	5.00	\$550.00	\$2,750.00	\$600.00	\$3,000.00	\$1,000.00	\$5,000.00	
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	129.00	\$600.00	\$77,400.00	\$600.00	\$77,400.00	\$1,000.00	\$129,000.00	
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	77.00	\$500.00	\$38,500.00	\$300.00	\$23,100.00	\$1,000.00	\$77,000.00	

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	16.00	\$85.00	\$1,360.00	\$75.00	\$1,200.00	\$100.00	\$1,600.00		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	11.00	\$50.00	\$550.00	\$35.00	\$385.00	\$100.00	\$1,100.00		
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	30.00	\$20.00	\$600.00	\$10.00	\$300.00	\$10.00	\$300.00		
544	REINFORCING STEEL (F)	LB	8,915.00	\$1.25	\$11,143.75	\$1.00	\$8,915.00	\$1.50	\$13,372.50		
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	17,218.00	\$1.30	\$22,383.40	\$1.00	\$17,218.00	\$1.75	\$30,131.50		
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	35.00	\$10.00	\$350.00	\$5.00	\$175.00	\$10.00	\$350.00		
547	SHEAR CONNECTORS (F)	EA	144.00	\$10.00	\$1,440.00	\$10.00	\$1,440.00	\$15.00	\$2,160.00		
562.1	SILICONE JOINT SEALANT (F)	LF	40.00	\$5.00	\$200.00	\$10.00	\$400.00	\$15.00	\$600.00		
585.3	STONE FILL, CLASS C	CY	4.00	\$100.00	\$400.00	\$75.00	\$300.00	\$250.00	\$1,000.00		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	20.00	\$10.00	\$200.00	\$10.00	\$200.00	\$20.00	\$400.00		
595	PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE	U	1.00	\$600,000.00	\$600,000.00	\$815,000.00	\$815,000.00	\$880,000.00	\$880,000.00		
603.36112	12" ALUMINIZED STEEL END SECTION	EA	2.00	\$175.00	\$350.00	\$200.00	\$400.00	\$500.00	\$1,000.00		
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	80.00	\$65.00	\$5,200.00	\$25.00	\$2,000.00	\$35.00	\$2,800.00		
604.242	DROP INLETS TYPE D-B	U	4.00	\$2,000.00	\$8,000.00	\$1,500.00	\$6,000.00	\$3,000.00	\$12,000.00		
607.240	CHAIN LINK FENCE WITH ALUMINUM COATED STEEL FABRIC, 4 FT HIGH	LF	660.00	\$20.00	\$13,200.00	\$12.00	\$7,920.00	\$25.00	\$16,500.00		
607.4240	POST ASSEMBLIES FOR CHAIN LINK FENCE, 4 FT HIGH	EA	8.00	\$160.00	\$1,280.00	\$200.00	\$1,600.00	\$500.00	\$4,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
618.7	FLAGGERS	HR	2,500.00	\$21.00	\$52,500.00	\$10.00	\$25,000.00	\$20.00	\$50,000.00		

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$7,500.00	\$15,000.00	\$10,000.00	\$20,000.00	\$5,000.00	\$10,000.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,700.00	\$4.50	\$7,650.00	\$5.00	\$8,500.00	\$2.00	\$3,400.00
645.531	SILT FENCE	LF	1,700.00	\$3.00	\$5,100.00	\$5.00	\$8,500.00	\$2.00	\$3,400.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$85.00	\$8,500.00	\$50.00	\$5,000.00	\$75.00	\$7,500.00
646.4	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	A	1.60	\$15,000.00	\$24,000.00	\$15,000.00	\$24,000.00	\$2,500.00	\$4,000.00
670.42	CONCRETE FILLED BOLLARD	EA	4.00	\$700.00	\$2,800.00	\$1,000.00	\$4,000.00	\$800.00	\$3,200.00
692	MOBILIZATION	U	1.00	\$150,000.00	\$150,000.00	\$100,000.00	\$100,000.00	\$91,000.00	\$91,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
698.14	FIELD OFFICE TYPE D	MON	12.00	\$500.00	\$6,000.00	\$1,500.00	\$18,000.00	\$1,500.00	\$18,000.00
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	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
					\$1,536,742.75		\$1,712,629.00		\$1,836,994.00

Item No:	Description	Unit	Quantity	D		E		F	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
201.1	CLEARING AND GRUBBING (F)	A	1.60	\$10,000.00	\$16,000.00	\$2,500.00	\$4,000.00	\$10,000.00	\$16,000.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	768.00	\$3.00	\$2,304.00	\$4.00	\$3,072.00	\$4.00	\$3,072.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	111.00	\$3.00	\$333.00	\$5.00	\$555.00	\$8.00	\$888.00
203.1	COMMON EXCAVATION	CY	786.00	\$8.00	\$6,288.00	\$20.00	\$15,720.00	\$12.00	\$9,432.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	9,284.00	\$15.00	\$139,260.00	\$15.00	\$139,260.00	\$20.00	\$185,680.00
203.7	REHANDLING SURCHARGE MATERIAL	CY	292.00	\$8.00	\$2,336.00	\$15.00	\$4,380.00	\$16.00	\$4,672.00
203.71	REHANDLING EXCAVATED MATERIAL	CY	165.00	\$8.00	\$1,320.00	\$15.00	\$2,475.00	\$32.00	\$5,280.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	60.00	\$20.00	\$1,200.00	\$25.00	\$1,500.00	\$40.00	\$2,400.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	231.00	\$40.00	\$9,240.00	\$50.00	\$11,550.00	\$50.00	\$11,550.00
210.1	SETTLEMENT PLATFORMS	EA	3.00	\$1,600.00	\$4,800.00	\$20,000.00	\$60,000.00	\$3,000.00	\$9,000.00
304.754	4" STONE DUST WEARING SURFACE FOR TRAILS	CY	97.00	\$45.00	\$4,365.00	\$50.00	\$4,850.00	\$125.00	\$12,125.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	170.00	\$12.00	\$2,040.00	\$20.00	\$3,400.00	\$25.00	\$4,250.00
508	STRUCTURAL FILL	CY	52.00	\$50.00	\$2,600.00	\$50.00	\$2,600.00	\$100.00	\$5,200.00
510.1	PILE DRIVING EQUIPMENT	U	1.00	\$47,500.00	\$47,500.00	\$75,000.00	\$75,000.00	\$107,000.00	\$107,000.00
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	157,680.00	\$0.55	\$86,724.00	\$0.78	\$122,990.40	\$0.64	\$100,915.20
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	12.00	\$170.00	\$2,040.00	\$150.00	\$1,800.00	\$350.00	\$4,200.00
510.9	PILE SPLICES	EA	30.00	\$320.00	\$9,600.00	\$175.00	\$5,250.00	\$100.00	\$3,000.00
520.03	CONCRETE CLASS AA, APPROACH SLABS (F)	CY	5.00	\$500.00	\$2,500.00	\$1,000.00	\$5,000.00	\$1,000.00	\$5,000.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	129.00	\$850.00	\$109,650.00	\$950.00	\$122,550.00	\$850.00	\$109,650.00
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	77.00	\$400.00	\$30,800.00	\$1,000.00	\$77,000.00	\$650.00	\$50,050.00

Item No.	Description	Unit	Quantity	D		E		F	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	16.00	\$100.00	\$1,600.00	\$50.00	\$800.00	\$75.00	\$1,200.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	11.00	\$25.00	\$275.00	\$37.00	\$407.00	\$75.00	\$825.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	30.00	\$10.00	\$300.00	\$65.00	\$1,950.00	\$25.00	\$750.00
544	REINFORCING STEEL (F)	LB	8,915.00	\$1.10	\$9,806.50	\$1.25	\$11,143.75	\$1.00	\$8,915.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	17,218.00	\$1.25	\$21,522.50	\$1.50	\$25,827.00	\$1.15	\$19,800.70
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	35.00	\$10.00	\$350.00	\$9.00	\$315.00	\$9.00	\$315.00
547	SHEAR CONNECTORS (F)	EA	144.00	\$6.00	\$864.00	\$8.00	\$1,152.00	\$8.00	\$1,152.00
562.1	SILICONE JOINT SEALANT (F)	LF	40.00	\$10.00	\$400.00	\$120.00	\$4,800.00	\$15.00	\$600.00
585.3	STONE FILL, CLASS C	CY	4.00	\$50.00	\$200.00	\$50.00	\$200.00	\$150.00	\$600.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	20.00	\$2.50	\$50.00	\$5.00	\$100.00	\$5.00	\$100.00
595	PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE	U	1.00	\$977,500.00	\$977,500.00	\$924,680.00	\$924,680.00	\$1,100,000.00	\$1,100,000.00
603.36112	12" ALUMINIZED STEEL END SECTION	EA	2.00	\$300.00	\$600.00	\$150.00	\$300.00	\$250.00	\$500.00
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	80.00	\$30.00	\$2,400.00	\$65.00	\$5,200.00	\$75.00	\$6,000.00
604.242	DROP INLETS TYPE D-B	U	4.00	\$1,200.00	\$4,800.00	\$3,500.00	\$14,000.00	\$1,600.00	\$6,400.00
607.240	CHAIN LINK FENCE WITH ALUMINUM COATED STEEL FABRIC, 4 FT HIGH	LF	660.00	\$25.00	\$16,500.00	\$20.00	\$13,200.00	\$24.00	\$15,840.00
607.4240	POST ASSEMBLIES FOR CHAIN LINK FENCE, 4 FT HIGH	EA	8.00	\$460.00	\$3,680.00	\$100.00	\$800.00	\$500.00	\$4,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
618.7	FLAGGERS	HR	2,500.00	\$21.00	\$52,500.00	\$15.00	\$37,500.00	\$20.00	\$50,000.00

Item No:	Description	Unit	D			E			F		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$16,000.00	\$16,000.00	\$16,000.00	\$16,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$9,000.00	\$9,000.00	\$18,000.00	\$18,000.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,700.00	\$6.00	\$10,200.00	\$5.00	\$8,500.00	\$6.00	\$10,200.00	\$10,200.00	\$10,200.00
645.531	SILT FENCE	LF	1,700.00	\$3.00	\$5,100.00	\$5.00	\$8,500.00	\$3.00	\$5,100.00	\$5,100.00	\$5,100.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$6,500.00	\$6,500.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$80.00	\$8,000.00	\$25.00	\$2,500.00	\$50.00	\$5,000.00	\$5,000.00	\$5,000.00
646.4	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	A	1.60	\$4,500.00	\$7,200.00	\$6,250.00	\$10,000.00	\$20,000.00	\$20,000.00	\$32,000.00	\$32,000.00
670.42	CONCRETE FILLED BOLLARD	EA	4.00	\$490.00	\$1,960.00	\$1,000.00	\$4,000.00	\$1,800.00	\$7,200.00	\$7,200.00	\$7,200.00
692	MOBILIZATION	U	1.00	\$180,000.00	\$180,000.00	\$125,000.00	\$125,000.00	\$208,728.10	\$208,728.10	\$208,728.10	\$208,728.10
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,200.00	\$1,200.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
698.14	FIELD OFFICE TYPE D	MON	12.00	\$1,000.00	\$12,000.00	\$1,000.00	\$12,000.00	\$600.00	\$7,200.00	\$7,200.00	\$7,200.00
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	\$10,000.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$20,000.00	\$20,000.00
					\$1,882,908.00		\$1,984,827.15			\$2,222,290.00	\$2,222,290.00

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	
201.1	CLEARING AND GRUBBING (F)	A	1.60	\$10,000.00	\$16,000.00	\$15,000.00	\$24,000.00	(\$8,000.00)
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	768.00	\$5.00	\$3,840.00	\$20.00	\$15,360.00	(\$11,520.00)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	111.00	\$5.00	\$555.00	\$5.00	\$555.00	\$0.00
203.1	COMMON EXCAVATION	CY	786.00	\$12.00	\$9,432.00	\$10.00	\$7,860.00	\$1,572.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	9,284.00	\$17.00	\$157,828.00	\$10.00	\$92,840.00	\$64,988.00
203.7	REHANDLING SURCHARGE MATERIAL	CY	292.00	\$10.00	\$2,920.00	\$5.00	\$1,460.00	\$1,460.00
203.71	REHANDLING EXCAVATED MATERIAL	CY	165.00	\$10.00	\$1,650.00	\$25.00	\$4,125.00	(\$2,475.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	60.00	\$50.00	\$3,000.00	\$75.00	\$4,500.00	(\$1,500.00)
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	231.00	\$35.00	\$8,085.00	\$50.00	\$11,550.00	(\$3,465.00)
210.1	SETTLEMENT PLATFORMS	EA	3.00	\$2,100.00	\$6,300.00	\$600.00	\$1,800.00	\$4,500.00
304.754	4" STONE DUST WEARING SURFACE FOR TRAILS	CY	97.00	\$90.00	\$8,730.00	\$40.00	\$3,880.00	\$4,850.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	170.00	\$20.00	\$3,400.00	\$50.00	\$8,500.00	(\$5,100.00)
508	STRUCTURAL FILL	CY	52.00	\$40.00	\$2,080.00	\$50.00	\$2,600.00	(\$520.00)
510.1	PILE DRIVING EQUIPMENT	U	1.00	\$50,000.00	\$50,000.00	\$75,000.00	\$75,000.00	(\$25,000.00)
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	157,680.00	\$0.92	\$145,065.60	\$0.80	\$126,144.00	\$18,921.60
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	12.00	\$250.00	\$3,000.00	\$200.00	\$2,400.00	\$600.00
510.9	PILE SPLICES	EA	30.00	\$200.00	\$6,000.00	\$100.00	\$3,000.00	\$3,000.00
520.03	CONCRETE CLASS AA, APPROACH SLABS (F)	CY	5.00	\$550.00	\$2,750.00	\$500.00	\$2,500.00	\$250.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	129.00	\$600.00	\$77,400.00	\$750.00	\$96,750.00	(\$19,350.00)
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	77.00	\$500.00	\$38,500.00	\$300.00	\$23,100.00	\$15,400.00

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	16.00	\$85.00	\$1,360.00	\$80.00	\$1,280.00	\$80.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	11.00	\$50.00	\$550.00	\$50.00	\$550.00	\$0.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	30.00	\$20.00	\$600.00	\$10.00	\$300.00	\$300.00
544	REINFORCING STEEL (F)	LB	8,915.00	\$1.25	\$11,143.75	\$1.50	\$13,372.50	(\$2,228.75)
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	17,218.00	\$1.30	\$22,383.40	\$1.75	\$30,131.50	(\$7,748.10)
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	35.00	\$10.00	\$350.00	\$10.00	\$350.00	\$0.00
547	SHEAR CONNECTORS (F)	EA	144.00	\$10.00	\$1,440.00	\$10.00	\$1,440.00	\$0.00
562.1	SILICONE JOINT SEALANT (F)	LF	40.00	\$5.00	\$200.00	\$25.00	\$1,000.00	(\$800.00)
585.3	STONE FILL, CLASS C	CY	4.00	\$100.00	\$400.00	\$50.00	\$200.00	\$200.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	20.00	\$10.00	\$200.00	\$4.00	\$80.00	\$120.00
595	PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE	U	1.00	\$600,000.00	\$600,000.00	\$1,000,000.00	\$1,000,000.00	(\$400,000.00)
603.36112	12" ALUMINIZED STEEL END SECTION	EA	2.00	\$175.00	\$350.00	\$600.00	\$1,200.00	(\$850.00)
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	80.00	\$65.00	\$5,200.00	\$28.00	\$2,240.00	\$2,960.00
604.242	DROP INLETS TYPE D-B	U	4.00	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$0.00
607.240	CHAIN LINK FENCE WITH ALUMINUM COATED STEEL FABRIC, 4 FT HIGH	LF	660.00	\$20.00	\$13,200.00	\$60.00	\$39,600.00	(\$26,400.00)
607.4240	POST ASSEMBLIES FOR CHAIN LINK FENCE, 4 FT HIGH	EA	8.00	\$160.00	\$1,280.00	\$100.00	\$800.00	\$480.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		Total	A-PS&E Difference
				Unit Price	Total	Unit Price	Total		
618.7	FLAGGERS	HR	2,500.00	\$21.00	\$52,500.00	\$25.00	\$62,500.00		(\$10,000.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$22,000.00	\$22,000.00		(\$17,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$7,500.00	\$15,000.00	\$5,000.00	\$10,000.00		\$5,000.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,700.00	\$4.50	\$7,650.00	\$7.00	\$11,900.00		(\$4,250.00)
645.531	SILT FENCE	LF	1,700.00	\$3.00	\$5,100.00	\$5.00	\$8,500.00		(\$3,400.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		\$0.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$85.00	\$8,500.00	\$80.00	\$8,000.00		\$500.00
646.4	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	A	1.60	\$15,000.00	\$24,000.00	\$5,000.00	\$8,000.00		\$16,000.00
670.42	CONCRETE FILLED BOLLARD	EA	4.00	\$700.00	\$2,800.00	\$500.00	\$2,000.00		\$800.00
692	MOBILIZATION	U	1.00	\$150,000.00	\$150,000.00	\$200,000.00	\$200,000.00		(\$50,000.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00		\$0.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00		\$0.00
698.14	FIELD OFFICE TYPE D	MON	12.00	\$500.00	\$6,000.00	\$1,250.00	\$15,000.00		(\$9,000.00)
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	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		\$0.00
					\$1,536,742.75		\$2,003,368.00		(\$466,625.25)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/21/2015

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 Cross Insurance-Augusta 116 Community Drive Augusta ME 04330		CONTACT NAME: Tricia Shepard PHONE (A/C No. Ext.): (207) 622-4787 E-MAIL ADDRESS: tshepard@crossagency.com FAX (A/C No.): 207 623-1248	
		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers Indemnity Co	NAIC # 25658
INSURED CPM Constructors, Inc. P.O. Box B 30 Bonney Street Freeport ME 04032		INSURER B: Travelers Property Casualty Company INSURER C: Standard Fire Ins Co	25674 19070
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES CERTIFICATE NUMBER: CL15122158433 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 WVR	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 checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			DT-CO-9D704850-TIL-16	1/1/2016	1/1/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Employee Benefits -Aggregate \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS			8100E399553TCT16	1/1/2016	1/1/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Medical payments \$ 5,000
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			DTSM-CUP-OE399577-TIL-16	1/1/2016	1/1/2017	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
C	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	DTCUB-6D786568 ASF 16	1/1/2016	1/1/2017	<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

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Project No. X-A000(458), 10309P - Keene-Swanzey Project --Construction of new multi-use trail bridge in the City of Keene, NH. NH Department of Transportation is considered an additional insured with respects to General Liability and Umbrella Liability Coverages per the written contract.

CERTIFICATE HOLDER**CANCELLATION**

NH Department of Transportation Office of Federal Compliance 7 Hazen Drive 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 Tricia Shepard/TJA <i>Tricia S. Shepard</i>
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/16/2015

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 Cross Insurance-Augusta 116 Community Drive Augusta ME 04330	CONTACT NAME: Tricia Shepard
	PHONE (A/C No, Ext): (207) 622-4787 FAX (A/C No):
	E-MAIL ADDRESS: tshepard@crossagency.com
	INSURER(S) AFFORDING COVERAGE
	INSURER A: Travelers Ins. Co. NAIC # -
	INSURER B:
	INSURER C:
	INSURER D:
	INSURER E:
	INSURER F:

COVERAGES CERTIFICATE NUMBER: CL15111655463 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 INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		PRS-4G419888-IND	11/16/2015	11/16/2016	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 <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS					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 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)
 Project No. X-A000(458), 10309P - Keene-Swanzey Project --Construction of new multi-use trail bridge in the City of Keene, NH. NH Department of Transportation is a named insured on this OCP Liability Policy.

CERTIFICATE HOLDER

NH Department of Transportation
 Office of Federal Compliance
 7 Hazen Drive
 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

Tricia Shepard/TJA

Tricia S. Shepard

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