



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION



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CHRISTOPHER D. CLEMENT, SR.  
COMMISSIONER

JEFF BRILLHART, P.E.  
ASSISTANT COMMISSIONER

Bureau of Construction  
June 4, 2014

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 R.S. Audley, Inc. (Vendor 154222) of Bow, NH on the basis of a low bid of \$5,844,689.91 for replacing the existing red list bridge that carries NH Route 3A over Interstate 93 at Exit 12 in Concord, from the date of Governor and Council approval through June 10, 2016 unless extended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

Funding is available as follows: FY 2015  
04-096-096-961017-7507  
RSA 237:2 VII Central NH Turnpike  
400-500870 Highway Contract Payments \$5,844,689.91

2. Further authorize that a contingency in the amount of \$292,234.50 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 and is reasonable for projects of this type.

Contingency Funding is available as follows: FY 2015  
04-096-096-961017-7507  
RSA 237:2 VII Central NH Turnpike  
400-500870 Highway Contract Payments \$292,234.50

**EXPLANATION**


This project is part of the existing Turnpike System Priority Capital Program. The purpose of this project is to replace the red list bridge (2013 priority #25) constructed in 1957 on NH Route 3A over I-93 in the City of Concord. The new single span bridge will be located to the east/north of the existing bridge. There will be work and traffic control shifts along I-93 to accommodate the removal of the existing bridge and piers. The proposed bridge will accommodate future widening for I-93. The project involves about 2300' of work on NH Route 3A, to accommodate the new bridge location.

The contingency amount is proposed to be 5% of the contract amount. This project will take approximately 2.5 construction seasons to complete. The current and future fuel and asphalt price based on this past year is an area of risk. The project involves bridge work with subsurface items (i.e. piles). These items typically have higher risks that can potentially increase costs.

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. 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.

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,



Christopher D. Clement, Sr.  
Commissioner

CDC/md

Department Estimate: \$6,153,560.84

Contract Amount: \$5,844,689.91

Under Estimate: \$ 308,870.93

Attachments

April 25, 2014

**SUPPLEMENTAL PROJECT INFORMATION SHEET**

**DESCRIPTION:** This project will replace the existing bridge that carries NH Route 3A over Interstate 93 at Exit 12 in Concord. The bridge is currently on the State's "Red List" due to the poor condition of the deck and substructure. The project begins on NH Route 3A approximately 300 feet north of the Bow/Concord town line and proceeds 2,300 feet north to approximately 275 feet north of the intersection with NH Route 3A and Broadway. The new single span bridge will be located to the east of the existing bridge requiring a horizontal and vertical realignment of NH Route 3A for a total distance of approximately 1,500 feet. The work on NH Route 3A consists of roadway reconstruction, guardrail and drainage replacement, and construction of sidewalks. The project also includes minor reconstruction of the NB and SB ramps at the intersection of Route 3A, with a cold plane and inlay pavement treatment for the remaining length of the ramps. There will be work on I-93 to accommodate the removal of the existing bridge and piers.

**FEDERAL FUNDING:** Construction Funding is 100% Turnpike Funds.

**CONTINGENCY:** Further authorize that a contingency in the amount of 5% of the contract be approved. This project will take approximately 2.5 construction seasons to complete. The current and future fuel and asphalt price based on this past year is an area of risk. The project involves bridge work with subsurface items (i.e. piles). These items typically have higher risks that can potentially increase costs.

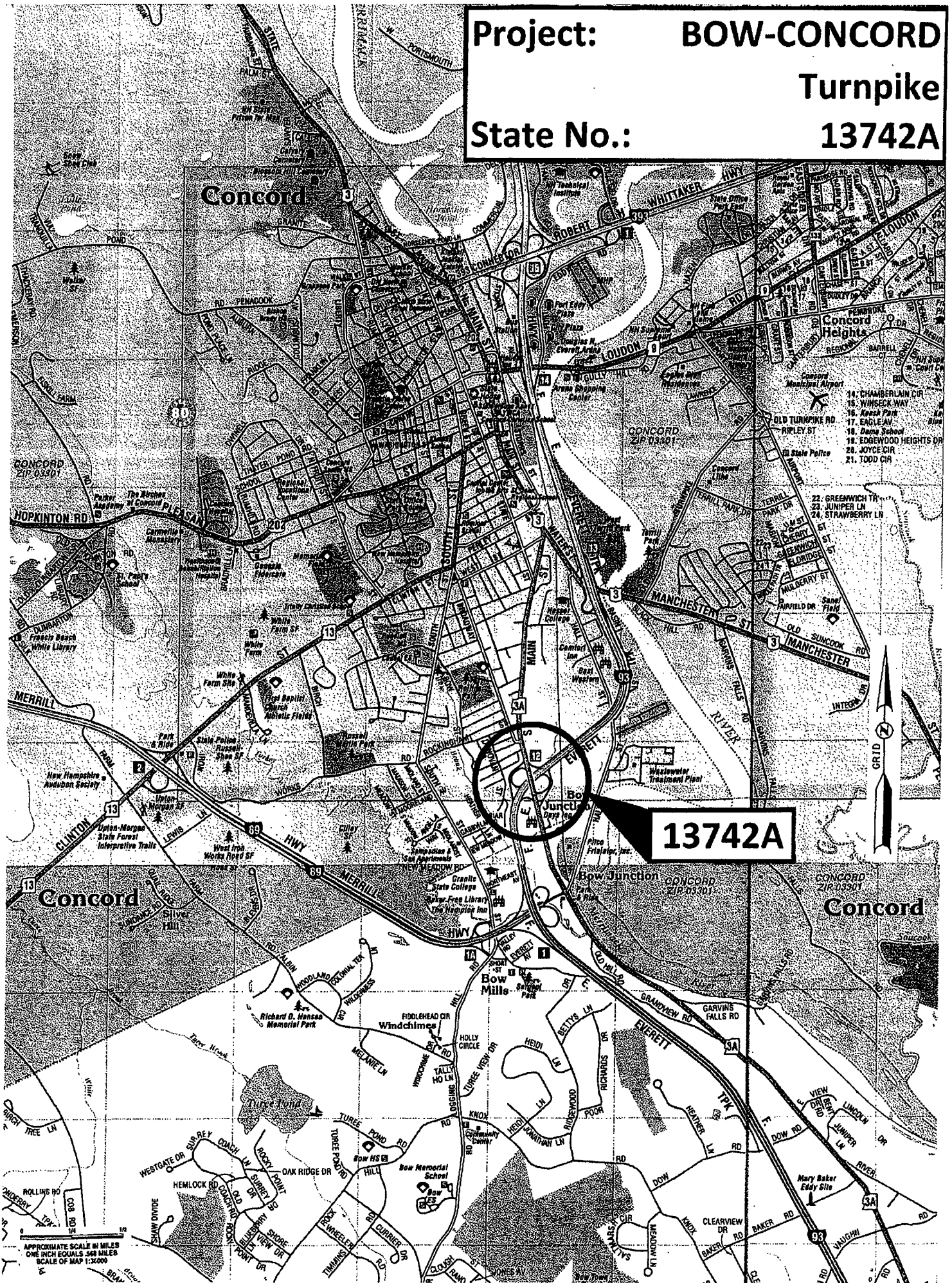
**PROJECT INITIATED:** State's 10-Year Transportation Improvement Program.

**PROJECT EXPLANATION:** The purpose of this project is to address the "Red List" Bridge constructed in 1957 on NH Route 3A over I-93 in the City of Concord. The proposed bridge will accommodate future widening for I-93. The project will construct 1 lane northbound and 1 lane southbound on NH Route 3A with turn lanes for traffic turning onto the ramps.

**TRAFFIC IMPLICATIONS:** This project will primarily be constructed utilizing lane shifts and diversions with portable concrete barrier. To complete the work along NH Route 3A, traffic will be shifted to the west while a portion of the existing bridge is demolished and the new bridge is constructed. Once the new bridge is constructed, traffic will be shifted onto the new bridge and the remainder of the existing structure will be removed. The erection of the bridge steel and the bridge demolition will be accommodated by 15 minute closures of I-93 and/or a temporary closure of I-93, with the interstate traffic using the ramps to bypass the work. If the interstate ramps are utilized to detour traffic, NH Route 3A will be closed at the bridge with traffic detoured to alternate routes. The Exit 12 ramps may be closed one at a time to complete ramp paving. The NB Off Ramps and the SB On Ramp may be detoured to Exit 13 and the SB Off Ramps and the NB On Ramp may be detoured to I-89, Exit 1 in Bow. The Contractor will be allowed to close the NB Off (loop) Ramp (Exit 12N), if needed, for a maximum of three consecutive weeks for the erection of the bridge steel.

**COMPLETION DATE:** Friday, June 10, 2016

**Project: BOW-CONCORD**  
**Turnpike**  
**State No.: 13742A**



**State of New Hampshire  
Department of Transportation**

13742A.01

**Project:** BOW-CONCORD NON-FEDERAL  
13742A

**County and Code:** MERRIMACK COUNTY 013

**Date Bids Open:** May 29, 2014

**Scope of Work:** REPLACING EXISTING BRIDGE

**Location:** NH ROUTE 3A OVER INTERSTATE 93 AT EXIT 12 IN  
CONCORD

**Completion Date:** June 10, 2016

A R. S. AUDLEY, INC.  
609 ROUTE 3A, BOW, NH 03304

\$5,844,689.91

B E. D. SWETT, INC.  
8 INDUSTRIAL PARK DR. CONCORD, NH 03301

\$5,850,966.15

C BECK & BELLUCCI, INC.  
PO BOX 429, 10 SALISBURY ROAD FRANKLIN, NH 03235

\$5,942,149.70

D R.M. PIPER, INC.  
PO BOX 490, PLYMOUTH, NH 03264

\$6,149,780.57

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
201.22	REMOVING LARGE TREES	EA	1.00	\$750.00	\$750.00	\$1,000.00	\$1,000.00	\$530.00	\$530.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	150.00	\$5.00	\$750.00	\$2.00	\$300.00	\$2.15	\$322.50
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	450.00	\$5.00	\$2,250.00	\$2.00	\$900.00	\$2.15	\$967.50
202.31	FILL ABANDONED PIPE	CY	68.00	\$175.00	\$11,900.00	\$125.00	\$8,500.00	\$115.00	\$7,820.00
202.32	FILL AND ABANDON STRUCT.	CY	35.00	\$140.00	\$4,900.00	\$125.00	\$4,375.00	\$115.00	\$4,025.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	690.00	\$9.00	\$6,210.00	\$10.00	\$6,900.00	\$11.70	\$8,073.00
202.419	REMOVAL OF EXISTING PIPE 0-24" DIAMETER (BRIDGE)	LF	230.00	\$9.00	\$2,070.00	\$10.00	\$2,300.00	\$3.00	\$690.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	5.00	\$290.00	\$1,450.00	\$250.00	\$1,250.00	\$220.00	\$1,100.00
202.7	REMOVAL OF GUARDRAIL	LF	3,750.00	\$0.75	\$2,812.50	\$1.00	\$3,750.00	\$1.05	\$3,937.50
203.1	COMMON EXCAVATION	CY	15,700.00	\$5.00	\$78,500.00	\$5.00	\$78,500.00	\$5.00	\$78,500.00
203.2	ROCK EXCAVATION	CY	630.00	\$50.00	\$31,500.00	\$2.00	\$1,260.00	\$31.90	\$20,097.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$700.00	\$1,400.00	\$750.00	\$1,500.00	\$740.00	\$1,480.00
203.55261	INSTALLATION AND REMOVAL OF SWZ-PORTABLE QUEUE TRAILER PLATFORM	U	2.00	\$800.00	\$1,600.00	\$750.00	\$1,500.00	\$740.00	\$1,480.00
203.55264	INSTALLATION AND REMOVAL OF SWZ-MOBILE VIDEO TRAILER PLATFORM	U	1.00	\$800.00	\$800.00	\$750.00	\$750.00	\$740.00	\$740.00
203.55559	GUARDRAIL 25' EAGRT OFFSET PLATFORM	U	5.00	\$1,000.00	\$5,000.00	\$1,000.00	\$5,000.00	\$1,160.00	\$5,800.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	18,033.00	\$5.00	\$90,165.00	\$5.00	\$90,165.00	\$5.00	\$90,165.00
206.1	COMMON STRUCTURE EXCAVATION	CY	830.00	\$10.00	\$8,300.00	\$18.00	\$14,940.00	\$18.00	\$14,940.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$150.00	\$7,500.00	\$50.00	\$2,500.00	\$27.20	\$1,360.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	1,850.00	\$30.00	\$55,500.00	\$25.00	\$46,250.00	\$25.40	\$46,990.00	
209.5	GRANULAR BACKFILL FOR MSE WALLS	CY	1,750.00	\$27.00	\$47,250.00	\$25.00	\$43,750.00	\$29.10	\$50,925.00	
214	FINE GRADING	U	1.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	
304.1	SAND (F)	CY	4,315.00	\$12.00	\$51,780.00	\$14.00	\$60,410.00	\$14.50	\$62,567.50	
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	510.00	\$30.00	\$15,300.00	\$25.00	\$12,750.00	\$23.20	\$11,832.00	
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	40.00	\$21.00	\$840.00	\$30.00	\$1,200.00	\$40.80	\$1,632.00	
304.35	CRUSHED GRAVEL FOR DRIVES	CY	90.00	\$30.00	\$2,700.00	\$30.00	\$2,700.00	\$24.60	\$2,214.00	
304.399	TEMPORARY CRUSHED GRAVEL	CY	300.00	\$29.00	\$8,700.00	\$25.00	\$7,500.00	\$27.00	\$8,100.00	
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	2,693.00	\$23.00	\$61,939.00	\$20.00	\$53,860.00	\$23.20	\$62,477.60	
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	5,361.00	\$23.00	\$123,303.00	\$20.00	\$107,220.00	\$22.20	\$119,014.20	
304.6	CRUSHED STONE (VERY COARSE)	CY	19.00	\$40.00	\$760.00	\$40.00	\$760.00	\$27.50	\$522.50	
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,300.00	\$68.00	\$360,400.00	\$70.00	\$371,000.00	\$69.00	\$365,700.00	
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,150.00	\$81.00	\$93,150.00	\$83.00	\$95,450.00	\$81.00	\$93,150.00	
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	510.00	\$70.00	\$35,700.00	\$105.00	\$53,550.00	\$115.00	\$58,650.00	
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	6,400.00	\$1.00	\$6,400.00	\$1.50	\$9,600.00	\$1.60	\$10,240.00	
403.6	PAVEMENT JOINT ADHESIVE	LF	51,500.00	\$0.23	\$11,845.00	\$0.42	\$21,630.00	\$0.25	\$12,875.00	
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	56.00	\$150.00	\$8,400.00	\$150.00	\$8,400.00	\$169.00	\$9,464.00	
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	330.00	\$60.00	\$19,800.00	\$75.00	\$24,750.00	\$94.50	\$31,185.00	

Item No.	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
417	COLD PLANING BITUMINOUS SURFACES	SY	9,400.00	\$1.50	\$14,100.00	\$2.00	\$18,800.00	\$4.25	\$39,950.00
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$186,000.00	\$186,000.00	\$175,000.00	\$175,000.00	\$205,000.00	\$205,000.00
503.201	COFFERDAMS	U	1.00	\$75,000.00	\$75,000.00	\$100,000.00	\$100,000.00	\$45,000.00	\$45,000.00
503.202	COFFERDAMS	U	1.00	\$64,000.00	\$64,000.00	\$100,000.00	\$100,000.00	\$75,000.00	\$75,000.00
504.101	COMMON BRIDGE EXCAVATION	CY	2,700.00	\$10.00	\$27,000.00	\$16.50	\$44,550.00	\$16.50	\$44,550.00
504.2	ROCK BRIDGE EXCAVATION	CY	750.00	\$60.00	\$45,000.00	\$2.00	\$1,500.00	\$33.70	\$25,275.00
508	STRUCTURAL FILL	CY	250.00	\$49.00	\$12,250.00	\$30.00	\$7,500.00	\$24.50	\$6,125.00
520.02021	CONCRETE CLASS AA, RAIL SUPPORT SLAB (QC/QA) (F)	CY	40.00	\$600.00	\$24,000.00	\$350.00	\$14,000.00	\$300.00	\$12,000.00
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	140.00	\$365.00	\$51,100.00	\$300.00	\$42,000.00	\$250.00	\$35,000.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	615.00	\$450.00	\$276,750.00	\$500.00	\$307,500.00	\$550.00	\$338,250.00
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	280.00	\$300.00	\$84,000.00	\$300.00	\$84,000.00	\$260.00	\$72,800.00
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	380.00	\$715.00	\$271,700.00	\$650.00	\$247,000.00	\$695.00	\$264,100.00
528.51	PRESTRESSED CONCRETE DECK PANELS (F)	SF	8,650.00	\$11.00	\$95,150.00	\$15.00	\$129,750.00	\$16.75	\$144,887.50
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	70.00	\$60.00	\$4,200.00	\$50.00	\$3,500.00	\$50.00	\$3,500.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	50.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$40.00	\$2,000.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	1,300.00	\$15.25	\$19,825.00	\$18.50	\$24,050.00	\$16.70	\$21,710.00
541.2	PVC WATERSTOPS, NH TYPE 2 (F)	LF	70.00	\$6.00	\$420.00	\$5.00	\$350.00	\$5.00	\$350.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	105.00	\$10.00	\$1,050.00	\$10.00	\$1,050.00	\$9.00	\$945.00



Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
544	REINFORCING STEEL (F)	LB	63,595.00	\$1.25	\$79,493.75	\$1.00	\$63,595.00	\$0.96	\$61,051.20	
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	119,504.00	\$1.15	\$137,429.60	\$1.10	\$131,454.40	\$1.07	\$127,869.28	
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	980.00	\$8.50	\$8,330.00	\$7.50	\$7,350.00	\$7.80	\$7,644.00	
547	SHEAR CONNECTORS (F)	EA	6,680.00	\$5.30	\$35,404.00	\$5.00	\$33,400.00	\$4.85	\$32,398.00	
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	12.00	\$1,250.00	\$15,000.00	\$2,000.00	\$24,000.00	\$1,450.00	\$17,400.00	
550.1	STRUCTURAL STEEL (F)	LB	548,000.00	\$1.40	\$767,200.00	\$1.54	\$843,920.00	\$1.41	\$772,680.00	
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	55.00	\$80.00	\$4,400.00	\$100.00	\$5,500.00	\$92.00	\$5,060.00	
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	61.00	\$417.00	\$25,437.00	\$600.00	\$36,600.00	\$465.00	\$28,365.00	
562.1	SILICONE JOINT SEALANT (F)	LF	5.00	\$24.00	\$120.00	\$10.00	\$50.00	\$20.00	\$100.00	
563.231	BRIDGE RAIL T3 WITH PROTECTIVE SCREENING	LF	192.00	\$162.00	\$31,104.00	\$175.00	\$33,600.00	\$187.00	\$35,904.00	
563.241	BRIDGE RAIL T4 WITH PROTECTIVE SCREENING	LF	292.00	\$202.00	\$58,984.00	\$200.00	\$58,400.00	\$223.00	\$65,116.00	
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	2.00	\$4,500.00	\$9,000.00	\$4,500.00	\$9,000.00	\$4,880.00	\$9,760.00	
565.242	BRIDGE APPROACH RAIL T4 (STEEL POSTS)	U	2.00	\$6,142.00	\$12,284.00	\$6,000.00	\$12,000.00	\$6,245.00	\$12,490.00	
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	455.00	\$58.00	\$26,390.00	\$55.00	\$25,025.00	\$55.00	\$25,025.00	
585.3	STONE FILL, CLASS C	CY	60.00	\$34.00	\$2,040.00	\$30.00	\$1,800.00	\$27.00	\$1,620.00	
592.1	MECHANICALLY STABILIZED EARTH RETAINING WALL	SF	2,550.00	\$35.00	\$89,250.00	\$42.00	\$107,100.00	\$42.25	\$107,737.50	
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	190.00	\$3.50	\$665.00	\$2.00	\$380.00	\$5.50	\$1,045.00	
603.0001	VIDEO INSPECTION	LF	2,300.00	\$0.65	\$1,495.00	\$1.00	\$2,300.00	\$1.60	\$3,680.00	
603.00212	12" R.C. PIPE, 2000D	LF	23.00	\$55.00	\$1,265.00	\$35.00	\$805.00	\$47.00	\$1,081.00	
603.00215	15" R.C. PIPE, 2000D	LF	1,600.00	\$50.00	\$80,000.00	\$45.00	\$72,000.00	\$41.00	\$65,600.00	

Item No.	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
603.00315	15" R.C. PIPE, 30000	LF	530.00	\$55.00	\$29,150.00	\$50.00	\$26,500.00	\$41.50	\$21,995.00
603.36115	15" ALUMINIZED STEEL END SECTION	EA	1.00	\$250.00	\$250.00	\$250.00	\$250.00	\$265.00	\$265.00
603.36118	18" ALUMINIZED STEEL END SECTION	EA	4.00	\$300.00	\$1,200.00	\$300.00	\$1,200.00	\$320.00	\$1,280.00
603.40018	18" PIPE FOR SLOPE DRAIN.	LF	150.00	\$100.00	\$15,000.00	\$40.00	\$6,000.00	\$33.50	\$5,025.00
604.0007	POLYETHYLENE LINER	EA	32.00	\$230.00	\$7,360.00	\$140.00	\$4,480.00	\$195.00	\$6,240.00
604.12	CATCH BASINS TYPE B	U	38.00	\$1,950.00	\$74,100.00	\$2,000.00	\$76,000.00	\$2,270.00	\$86,260.00
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	2.00	\$2,700.00	\$5,400.00	\$3,000.00	\$6,000.00	\$3,020.00	\$6,040.00
604.16	CATCH BASINS TYPE F	U	2.00	\$2,050.00	\$4,100.00	\$2,000.00	\$4,000.00	\$2,430.00	\$4,860.00
604.165	CATCH BASINS TYPE F, 5-FOOT DIAMETER	U	2.00	\$2,750.00	\$5,500.00	\$3,000.00	\$6,000.00	\$3,180.00	\$6,360.00
604.32	DRAINAGE MANHOLES	U	5.00	\$1,950.00	\$9,750.00	\$2,000.00	\$10,000.00	\$2,370.00	\$11,850.00
604.325	DRAINAGE MANHOLES, 5-FOOT DIAMETER	U	2.00	\$2,700.00	\$5,400.00	\$3,000.00	\$6,000.00	\$4,170.00	\$8,340.00
604.4	RECONSTRUCTING/ADJUST ING CATCH BASIN & DROP INLET	LF	21.00	\$440.00	\$9,240.00	\$400.00	\$8,400.00	\$300.00	\$6,300.00
604.5	RECONSTRUCTING/ADJUST ING MANHOLES	LF	2.00	\$440.00	\$880.00	\$400.00	\$800.00	\$300.00	\$600.00
604.72	GRATES & FRAMES, TYPE B	EA	17.00	\$400.00	\$6,800.00	\$400.00	\$6,800.00	\$540.00	\$9,180.00
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$450.00	\$450.00	\$1,500.00	\$1,500.00	\$1,410.00	\$1,410.00
606.1203	BEAM GUARDRAIL STANDARD SECTION, THRIE BEAM	LF	300.00	\$22.00	\$6,600.00	\$23.50	\$7,050.00	\$24.50	\$7,350.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EA GRT 25 FT) (STEEL POST)	U	5.00	\$1,548.00	\$7,740.00	\$1,650.00	\$8,250.00	\$1,700.00	\$8,500.00
606.147	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2)	U	2.00	\$512.00	\$1,024.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	2,500.00	\$15.00	\$37,500.00	\$16.00	\$40,000.00	\$16.80	\$42,000.00	
606.312	SINGLE FACED TRANSITION RAIL, STEEL POSTS	U	1.00	\$2,800.00	\$2,800.00	\$3,000.00	\$3,000.00	\$2,700.00	\$2,700.00	
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	260.00	\$15.00	\$3,900.00	\$20.00	\$5,200.00	\$20.00	\$5,200.00	
606.4175	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - ANCHORED	LF	340.00	\$4.00	\$1,360.00	\$20.00	\$6,800.00	\$20.00	\$6,800.00	
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$3,500.00	\$7,000.00	\$2,500.00	\$5,000.00	\$3,500.00	\$7,000.00	
607.9703	RESETTING WOOD FENCE, 3' HIGH	LF	120.00	\$15.00	\$1,800.00	\$15.00	\$1,800.00	\$15.50	\$1,860.00	
608.13	3" BITUMINOUS SIDEWALK (F)	SY	826.00	\$18.00	\$14,868.00	\$18.00	\$14,868.00	\$21.00	\$17,346.00	
608.24	4" CONCRETE SIDEWALK (F)	SY	78.00	\$40.00	\$3,120.00	\$40.00	\$3,120.00	\$45.00	\$3,510.00	
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.00	\$400.00	\$4,000.00	\$400.00	\$4,000.00	\$420.00	\$4,200.00	
608.92	RECONSTRUCT SIDEWALK IN- KIND	SF	15.00	\$10.00	\$150.00	\$10.00	\$150.00	\$68.00	\$1,020.00	
609.01	STRAIGHT GRANITE CURB	LF	970.00	\$16.25	\$15,762.50	\$20.00	\$19,400.00	\$23.00	\$22,310.00	
609.02	CURVED GRANITE CURB	LF	140.00	\$28.00	\$3,920.00	\$30.00	\$4,200.00	\$33.30	\$4,662.00	
609.21	STRAIGHT GRANITE SLOPE CURB	LF	490.00	\$12.75	\$6,247.50	\$20.00	\$9,800.00	\$20.00	\$9,800.00	
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	16.00	\$12.75	\$204.00	\$20.00	\$320.00	\$22.70	\$363.20	
609.5	RESET GRANITE CURB	LF	12,700.00	\$4.65	\$59,055.00	\$12.00	\$152,400.00	\$12.00	\$152,400.00	
611.05206	6" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	60.00	\$80.00	\$4,800.00	\$100.00	\$6,000.00	\$98.30	\$5,898.00	
611.05212	12" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	780.00	\$85.00	\$66,300.00	\$80.00	\$62,400.00	\$75.00	\$58,500.00	

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
611.06212	12" CEMENT-LINED DUCTILE IRON BRIDGE CROSSING PIPE, CL 52	LF	190.00	\$300.00	\$57,000.00	\$350.00	\$66,500.00	\$430.00	\$81,700.00
611.35224	24" CASING PIPE W/12" CEMENT-LINED DUCT. IRON, PIPE, CL 52	LF	80.00	\$300.00	\$24,000.00	\$500.00	\$40,000.00	\$500.00	\$40,000.00
611.50107	3/4" COPPER WATER PIPE	LF	10.00	\$80.00	\$800.00	\$30.00	\$300.00	\$30.00	\$300.00
611.5011	1" COPPER WATER PIPE	LF	33.00	\$80.00	\$2,640.00	\$35.00	\$1,155.00	\$31.30	\$1,032.90
611.5012	2" COPPER WATER PIPE	LF	65.00	\$80.00	\$5,200.00	\$45.00	\$2,925.00	\$40.50	\$2,632.50
611.5101	1" CORPORATION STOP	EA	1.00	\$300.00	\$300.00	\$500.00	\$500.00	\$470.00	\$470.00
611.5102	2" CORPORATION STOP WITH 12"X2" SERVICE SADDLE	EA	2.00	\$500.00	\$1,000.00	\$650.00	\$1,300.00	\$645.00	\$1,290.00
611.52007	3/4" CURB STOP	EA	6.00	\$400.00	\$2,400.00	\$300.00	\$1,800.00	\$400.00	\$2,400.00
611.5201	1" CURB STOP	EA	1.00	\$450.00	\$450.00	\$400.00	\$400.00	\$435.00	\$435.00
611.5202	2" CURB STOP	EA	2.00	\$650.00	\$1,300.00	\$650.00	\$1,300.00	\$675.00	\$1,350.00
611.70006	6" FITTING	EA	4.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$515.00	\$2,060.00
611.70012	12" FITTING	EA	10.00	\$1,000.00	\$10,000.00	\$850.00	\$8,500.00	\$930.00	\$9,300.00
611.71012	12" GATE VALVE	EA	2.00	\$2,800.00	\$5,600.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00
611.71206	6" X 6" TAPPING SLEEVE & VALVE WITH BOX	EA	1.00	\$2,300.00	\$2,300.00	\$4,000.00	\$4,000.00	\$4,040.00	\$4,040.00
611.71212	12" X 6" TAPPING SLEEVE & VALVE WITH BOX	EA	2.00	\$2,400.00	\$4,800.00	\$4,150.00	\$8,300.00	\$4,150.00	\$8,300.00
611.81	HYDRANTS	EA	2.00	\$3,500.00	\$7,000.00	\$3,500.00	\$7,000.00	\$5,100.00	\$10,200.00
611.811	ADJUSTING/RELOCATING HYDRANTS	EA	2.00	\$2,500.00	\$5,000.00	\$1,000.00	\$2,000.00	\$2,420.00	\$4,840.00
611.91	REMOVING & RELAYING WATER PIPE	LF	25.00	\$180.00	\$4,500.00	\$100.00	\$2,500.00	\$100.00	\$2,500.00
611.951	WATER MAIN INSULATION	SY	416.00	\$20.00	\$8,320.00	\$10.00	\$4,160.00	\$5.30	\$2,204.80
612.313	1-6" MANHOLE CORE	EA	1.00	\$400.00	\$400.00	\$1,000.00	\$1,000.00	\$530.00	\$530.00
612.43606	6" DUCTILE IRON SEWER PIPE, CLASS 56	LF	40.00	\$150.00	\$6,000.00	\$120.00	\$4,800.00	\$120.00	\$4,800.00
614.331	3" STEEL CONDUIT	LF	30.00	\$17.50	\$525.00	\$17.50	\$525.00	\$18.50	\$555.00
614.512	CONCRETE PULL BOX 18"	EA	2.00	\$345.00	\$690.00	\$345.00	\$690.00	\$360.00	\$720.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
614.523	MOLDED PULL BOX 17"X30"	EA	7.00	\$345.00	\$2,415.00	\$345.00	\$2,415.00	\$360.00	\$2,520.00	
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	64.00	\$7.00	\$448.00	\$7.00	\$448.00	\$7.35	\$470.40	
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	350.00	\$8.00	\$2,800.00	\$8.00	\$2,800.00	\$8.40	\$2,940.00	
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	400.00	\$12.00	\$4,800.00	\$12.00	\$4,800.00	\$12.60	\$5,040.00	
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	121.50	\$145.00	\$17,617.50	\$100.00	\$12,150.00	\$133.00	\$16,159.50	
615.03	TRAFFIC SIGN TYPE C (F)	SF	185.25	\$92.00	\$17,043.00	\$50.00	\$9,262.50	\$106.00	\$19,636.50	
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	6.00	\$250.00	\$1,500.00	\$100.00	\$600.00	\$180.00	\$1,080.00	
615.04	TRAFFIC SIGN TYPE AA (F)	SF	379.00	\$18.00	\$6,822.00	\$20.00	\$7,580.00	\$18.50	\$7,011.50	
615.06	TRAFFIC SIGN TYPE CC (F)	SF	89.13	\$12.00	\$1,069.56	\$25.00	\$2,228.25	\$10.50	\$935.87	
615.30001	BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$14,175.00	\$14,175.00	
615.30002	BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$14,175.00	\$14,175.00	
615.30003	BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$13,125.00	\$13,125.00	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	70,500.00	\$1.00	\$70,500.00	\$1.00	\$70,500.00	\$1.00	\$70,500.00	
618.7	FLAGGERS	HR	1,100.00	\$17.25	\$18,975.00	\$16.50	\$18,150.00	\$20.00	\$22,000.00	
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$55,000.00	\$55,000.00	\$125,000.00	\$125,000.00	\$146,000.00	\$146,000.00	
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$15,000.00	\$30,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,500.00	\$3,000.00	\$2,500.00	\$5,000.00	\$4,500.00	\$9,000.00	
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	\$2,000.00	\$16,000.00	\$1,800.00	\$14,400.00	\$800.00	\$6,400.00	
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	14.00	\$1,000.00	\$14,000.00	\$800.00	\$11,200.00	\$475.00	\$6,650.00	
619.51	PORTABLE QUEUE TRAILER/ SENSOR (PQT)	MON	104.00	\$600.00	\$62,400.00	\$650.00	\$67,600.00	\$675.00	\$70,200.00	

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	46.00	\$850.00	\$39,100.00	\$875.00	\$40,250.00	\$900.00	\$41,400.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$10,000.00	\$20,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$40,000.00
619.91	RELOCATE WORK ZONE ITS DEVICE	U	3.00	\$250.00	\$750.00	\$250.00	\$750.00	\$210.00	\$630.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	50.00	\$5.00	\$250.00	\$4.00	\$200.00	\$4.20	\$210.00
621.31	SINGLE DELINEATOR WITH POST	EA	56.00	\$28.00	\$1,568.00	\$35.00	\$1,960.00	\$36.75	\$2,058.00
621.61	FIBER OPTIC DELINEATOR	EA	3.00	\$150.00	\$450.00	\$150.00	\$450.00	\$160.00	\$480.00
622.1	STEEL WITNESS MARKERS	EA	10.00	\$28.00	\$280.00	\$25.00	\$250.00	\$26.00	\$260.00
622.2	CONCRETE BOUNDS	EA	2.00	\$300.00	\$600.00	\$350.00	\$700.00	\$370.00	\$740.00
628.2	SAVED BITUMINOUS PAVEMENT	LF	440.00	\$1.25	\$550.00	\$1.50	\$660.00	\$1.25	\$550.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	66,000.00	\$0.16	\$10,560.00	\$0.15	\$9,900.00	\$0.16	\$10,560.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	23,000.00	\$0.25	\$5,750.00	\$0.18	\$4,140.00	\$0.21	\$4,830.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	25.00	\$2.00	\$50.00	\$1.00	\$25.00	\$3.15	\$78.75
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	370.00	\$1.00	\$370.00	\$1.00	\$370.00	\$1.05	\$388.50
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	340.00	\$1.00	\$340.00	\$1.50	\$510.00	\$1.25	\$425.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	400.00	\$1.15	\$460.00	\$2.00	\$800.00	\$2.00	\$800.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	100.00	\$2.00	\$200.00	\$5.00	\$500.00	\$3.15	\$315.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	370.00	\$2.50	\$925.00	\$5.00	\$1,850.00	\$5.25	\$1,942.50

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	200.00	\$5.00	\$1,000.00	\$10.00	\$2,000.00	\$10.00	\$2,000.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	14,500.00	\$0.35	\$5,075.00	\$0.40	\$5,800.00	\$0.52	\$7,540.00		
641	LOAM	CY	160.00	\$21.50	\$3,440.00	\$20.00	\$3,200.00	\$23.60	\$3,776.00		
643.22	FERTILIZER FOR REFERTILIZATION	TON	2.00	\$900.00	\$1,800.00	\$900.00	\$1,800.00	\$945.00	\$1,890.00		
645.3	EROSION STONE	TON	170.00	\$26.00	\$4,420.00	\$25.00	\$4,250.00	\$22.30	\$3,791.00		
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	18,500.00	\$1.45	\$26,825.00	\$1.49	\$27,565.00	\$1.65	\$30,525.00		
645.45	PERMANENT CHANNEL STABILIZATION TYPE A	SY	2,500.00	\$3.65	\$9,125.00	\$3.65	\$9,125.00	\$8.50	\$21,250.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,100.00	\$3.50	\$7,350.00	\$3.25	\$6,825.00	\$4.60	\$9,660.00		
645.531	SILT FENCE	LF	6,100.00	\$2.30	\$14,030.00	\$2.10	\$12,810.00	\$2.60	\$15,860.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$1,350.00	\$1,350.00	\$5,000.00	\$5,000.00	\$2,600.00	\$2,600.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	390.00	\$40.00	\$15,600.00	\$40.00	\$15,600.00	\$47.00	\$18,330.00		
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	5.00	\$1,800.00	\$9,000.00	\$1,750.00	\$8,750.00	\$1,835.00	\$9,175.00		
647.1	HUMUS	CY	2,100.00	\$19.50	\$40,950.00	\$10.00	\$21,000.00	\$14.60	\$30,660.00		
647.22	HUMUS, INTERMIXED, 2" DEEP	CY	120.00	\$25.00	\$3,000.00	\$33.00	\$3,960.00	\$32.85	\$3,942.00		
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$175.00	\$525.00	\$150.00	\$450.00	\$160.00	\$480.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	1.00	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00		
671.603	3-INCH PVC CONDUIT, SCHEDULE 80, DIRECTIONALLY BORED	LF	210.00	\$20.00	\$4,200.00	\$40.00	\$8,400.00	\$17.00	\$3,570.00		

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
677.4101	CCTV SYSTEM	U	1.00	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00	\$73,500.00	\$73,500.00
677.51012	12-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	475.00	\$5.00	\$2,375.00	\$5.00	\$2,375.00	\$5.25	\$2,493.75
677.53	FIBER OPTIC SPLICE	EA	16.00	\$340.00	\$5,440.00	\$340.00	\$5,440.00	\$360.00	\$5,760.00
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$13,400.00	\$13,400.00	\$13,400.00	\$13,400.00	\$14,000.00	\$14,000.00
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	1.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,600.00	\$2,600.00
677.5821	100 MBPS FIBER ETHERNET SWITCH	EA	1.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,600.00	\$2,600.00
677.63	METER AND DISCONNECT PEDESTAL	U	2.00	\$1,800.00	\$3,600.00	\$1,800.00	\$3,600.00	\$1,890.00	\$3,780.00
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	1.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,470.00	\$1,470.00
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	165.00	\$5.00	\$825.00	\$5.00	\$825.00	\$5.25	\$866.25
692	MOBILIZATION	U	1.00	\$540,000.00	\$540,000.00	\$300,000.00	\$300,000.00	\$245,000.00	\$245,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$250.00	\$250.00	\$1,000.00	\$1,000.00	\$525.00	\$525.00
698.12	FIELD OFFICE TYPE B	MON	27.00	\$1,600.00	\$43,200.00	\$1,500.00	\$40,500.00	\$1,700.00	\$45,900.00
698.2	PHYSICAL TESTING LABORATORY	MON	16.00	\$800.00	\$12,800.00	\$400.00	\$6,400.00	\$500.00	\$8,000.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	19,000.00	\$1.00	\$19,000.00	\$1.00	\$19,000.00	\$1.00	\$19,000.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	15,200.00	\$1.00	\$15,200.00	\$1.00	\$15,200.00	\$1.00	\$15,200.00
					\$5,844,689.91		\$5,850,966.15		\$5,942,149.70



## D

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
201.22	REMOVING LARGE TREES	EA	1.00	\$400.00	\$400.00		
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	150.00	\$5.00	\$750.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	450.00	\$5.00	\$2,250.00		
202.31	FILL ABANDONED PIPE	CY	68.00	\$200.00	\$13,600.00		
202.32	FILL AND ABANDON STRUCT.	CY	35.00	\$185.00	\$6,475.00		
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	690.00	\$12.00	\$8,280.00		
202.419	REMOVAL OF EXISTING PIPE 0-24" DIAMETER (BRIDGE)	LF	230.00	\$20.00	\$4,600.00		
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	5.00	\$250.00	\$1,250.00		
202.7	REMOVAL OF GUARDRAIL	LF	3,750.00	\$1.00	\$3,750.00		
203.1	COMMON EXCAVATION	CY	15,700.00	\$5.00	\$78,500.00		
203.2	ROCK EXCAVATION	CY	630.00	\$50.00	\$31,500.00		
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$950.00	\$1,900.00		
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	2.00	\$950.00	\$1,900.00		
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	1.00	\$950.00	\$950.00		
203.55559	GUARDRAIL 25' EAGRT OFFSET PLATFORM	U	5.00	\$1,100.00	\$5,500.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	18,033.00	\$8.00	\$144,264.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	830.00	\$10.00	\$8,300.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$40.00	\$2,000.00		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	1,850.00	\$30.00	\$55,500.00				
209.5	GRANULAR BACKFILL FOR MSE WALLS	CY	1,750.00	\$30.00	\$52,500.00				
214	FINE GRADING	U	1.00	\$27,500.00	\$27,500.00				
304.1	SAND (F)	CY	4,315.00	\$20.00	\$86,300.00				
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	510.00	\$32.00	\$16,320.00				
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	40.00	\$40.00	\$1,600.00				
304.35	CRUSHED GRAVEL FOR DRIVES	CY	90.00	\$40.00	\$3,600.00				
304.399	TEMPORARY CRUSHED GRAVEL	CY	300.00	\$30.00	\$9,000.00				
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	2,693.00	\$24.00	\$64,632.00				
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	5,361.00	\$26.00	\$139,386.00				
304.6	CRUSHED STONE (VERY COARSE)	CY	19.00	\$26.50	\$503.50				
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,300.00	\$68.00	\$360,400.00				
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,150.00	\$78.00	\$89,700.00				
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	510.00	\$110.00	\$56,100.00				
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	6,400.00	\$1.50	\$9,600.00				
403.6	PAVEMENT JOINT ADHESIVE	LF	51,500.00	\$0.26	\$13,390.00				
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	56.00	\$170.00	\$9,520.00				
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	330.00	\$95.00	\$31,350.00				

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
417	COLD PLANING BITUMINOUS SURFACES	SY	9,400.00	\$6.00	\$56,400.00		
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$300,000.00	\$300,000.00		
503.201	COFFERDAMS	U	1.00	\$135,000.00	\$135,000.00		
503.202	COFFERDAMS	U	1.00	\$120,000.00	\$120,000.00		
504.101	COMMON BRIDGE EXCAVATION	CY	2,700.00	\$7.00	\$18,900.00		
504.2	ROCK BRIDGE EXCAVATION	CY	750.00	\$50.00	\$37,500.00		
508	STRUCTURAL FILL	CY	250.00	\$40.00	\$10,000.00		
520.02021	CONCRETE CLASS AA, RAIL SUPPORT SLAB (QC/QA) (F)	CY	40.00	\$350.00	\$14,000.00		
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	140.00	\$275.00	\$38,500.00		
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	615.00	\$600.00	\$369,000.00		
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	280.00	\$250.00	\$70,000.00		
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	380.00	\$725.00	\$275,500.00		
528.51	PRESTRESSED CONCRETE DECK PANELS (F)	SF	8,650.00	\$15.00	\$129,750.00		
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	70.00	\$75.00	\$5,250.00		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	50.00	\$24.00	\$1,200.00		
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	1,300.00	\$16.50	\$21,450.00		
541.2	PVC WATERSTOPS, NH TYPE 2 (F)	LF	70.00	\$7.00	\$490.00		
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	105.00	\$10.00	\$1,050.00		

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Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
544	REINFORCING STEEL (F)	LB	63,595.00	\$1.00	\$63,595.00				
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	119,504.00	\$1.05	\$125,479.20				
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	980.00	\$8.00	\$7,840.00				
547	SHEAR CONNECTORS (F)	EA	6,680.00	\$3.65	\$24,382.00				
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	12.00	\$1,500.00	\$18,000.00				
550.1	STRUCTURAL STEEL (F)	LB	548,000.00	\$1.45	\$794,600.00				
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	55.00	\$95.00	\$5,225.00				
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	61.00	\$480.00	\$29,280.00				
562.1	SILICONE JOINT SEALANT (F)	LF	5.00	\$50.00	\$250.00				
563.231	BRIDGE RAIL T3 WITH PROTECTIVE SCREENING	LF	192.00	\$185.00	\$35,520.00				
563.241	BRIDGE RAIL T4 WITH PROTECTIVE SCREENING	LF	292.00	\$220.00	\$64,240.00				
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	2.00	\$4,900.00	\$9,800.00				
565.242	BRIDGE APPROACH RAIL T4 (STEEL POSTS)	U	2.00	\$6,200.00	\$12,400.00				
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	455.00	\$58.00	\$26,390.00				
585.3	STONE FILL, CLASS C	CY	60.00	\$45.00	\$2,700.00				
592.1	MECHANICALLY STABILIZED EARTH RETAINING WALL	SF	2,550.00	\$45.00	\$114,750.00				
593.421	GEOTEXTILE: PERM CONTROL CL.2, NON-WOVEN	SY	190.00	\$2.50	\$475.00				
603.0001	VIDEO INSPECTION	LF	2,300.00	\$1.00	\$2,300.00				
603.00212	12" R.C. PIPE, 2000D	LF	23.00	\$32.00	\$736.00				
603.00215	15" R.C. PIPE, 2000D	LF	1,600.00	\$32.00	\$51,200.00				

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
603.00315	15" R.C. PIPE, 3000D	LF	530.00	\$34.00	\$18,020.00		
603.36115	15" ALUMINIZED STEEL END SECTION	EA	1.00	\$350.00	\$350.00		
603.36118	18" ALUMINIZED STEEL END SECTION	EA	4.00	\$400.00	\$1,600.00		
603.40018	18" PIPE FOR SLOPE DRAIN.	LF	150.00	\$32.00	\$4,800.00		
604.0007	POLYETHYLENE LINER	EA	32.00	\$200.00	\$6,400.00		
604.12	CATCH BASINS TYPE B	U	38.00	\$1,500.00	\$57,000.00		
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	2.00	\$2,200.00	\$4,400.00		
604.16	CATCH BASINS TYPE F	U	2.00	\$1,500.00	\$3,000.00		
604.165	CATCH BASINS TYPE F, 5-FOOT DIAMETER	U	2.00	\$2,500.00	\$5,000.00		
604.32	DRAINAGE MANHOLES	U	5.00	\$2,500.00	\$12,500.00		
604.325	DRAINAGE MANHOLES, 5-FOOT DIAMETER	U	2.00	\$2,750.00	\$5,500.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	21.00	\$350.00	\$7,350.00		
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	2.00	\$350.00	\$700.00		
604.72	GRATES & FRAMES, TYPE B	EA	17.00	\$335.00	\$5,695.00		
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$1,200.00	\$1,200.00		
606.1203	BEAM GUARDRAIL STANDARD SECTION, THRIE BEAM	LF	300.00	\$24.00	\$7,200.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (STEEL POST)	U	5.00	\$1,700.00	\$8,500.00		
606.147	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2)	U	2.00	\$500.00	\$1,000.00		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	2,500.00	\$15.50	\$38,750.00				
606.312	SINGLE FACED TRANSITION RAIL, STEEL POSTS	U	1.00	\$2,700.00	\$2,700.00				
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	260.00	\$20.00	\$5,200.00				
606.4175	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - ANCHORED	LF	340.00	\$25.00	\$8,500.00				
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$3,500.00	\$7,000.00				
607.9703	RESETTING WOOD FENCE, 3' HIGH	LF	120.00	\$15.00	\$1,800.00				
608.13	3" BITUMINOUS SIDEWALK (F)	SY	826.00	\$23.00	\$18,998.00				
608.24	4" CONCRETE SIDEWALK (F)	SY	78.00	\$35.00	\$2,730.00				
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.00	\$400.00	\$4,000.00				
608.92	RECONSTRUCT SIDEWALK IN-KIND	SF	15.00	\$55.00	\$825.00				
609.01	STRAIGHT GRANITE CURB	LF	970.00	\$23.00	\$22,310.00				
609.02	CURVED GRANITE CURB	LF	140.00	\$31.00	\$4,340.00				
609.21	STRAIGHT GRANITE SLOPE CURB	LF	490.00	\$16.50	\$8,085.00				
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	16.00	\$18.00	\$288.00				
609.5	RESET GRANITE CURB	LF	12,700.00	\$10.00	\$127,000.00				
611.05206	6" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	60.00	\$50.00	\$3,000.00				
611.05212	12" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	780.00	\$72.00	\$56,160.00				

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
611.06212	12" CEMENT-LINED DUCTILE IRON BRIDGE CROSSING PIPE, CL 52	LF	190.00	\$380.00	\$72,200.00		
611.35224	24" CASING PIPE W/12" CEMENT-LINED DUCT. IRON, PIPE, CL 52	LF	80.00	\$450.00	\$36,000.00		
611.50107	3/4" COPPER WATER PIPE	LF	10.00	\$75.00	\$750.00		
611.5011	1" COPPER WATER PIPE	LF	33.00	\$75.00	\$2,475.00		
611.5012	2" COPPER WATER PIPE	LF	65.00	\$75.00	\$4,875.00		
611.5101	1" CORPORATION STOP	EA	1.00	\$500.00	\$500.00		
611.5102	2" CORPORATION STOP WITH 12"X2" SERVICE SADDLE	EA	2.00	\$600.00	\$1,200.00		
611.52007	3/4" CURB STOP	EA	6.00	\$550.00	\$3,300.00		
611.5201	1" CURB STOP	EA	1.00	\$625.00	\$625.00		
611.5202	2" CURB STOP	EA	2.00	\$750.00	\$1,500.00		
611.70006	6" FITTING	EA	4.00	\$325.00	\$1,300.00		
611.70012	12" FITTING	EA	10.00	\$800.00	\$8,000.00		
611.71012	12" GATE VALVE	EA	2.00	\$2,800.00	\$5,600.00		
611.71206	6" X 6" TAPPING SLEEVE & VALVE WITH BOX	EA	1.00	\$3,650.00	\$3,650.00		
611.71212	12" X 6" TAPPING SLEEVE & VALVE WITH BOX	EA	2.00	\$3,750.00	\$7,500.00		
611.81	HYDRANTS	EA	2.00	\$3,100.00	\$6,200.00		
611.811	ADJUSTING/RELOCATING HYDRANTS	EA	2.00	\$1,950.00	\$3,900.00		
611.91	REMOVING & RELAYING WATER PIPE	LF	25.00	\$100.00	\$2,500.00		
611.951	WATER MAIN INSULATION	SY	416.00	\$35.00	\$14,560.00		
612.313	1-6" MANHOLE CORE	EA	1.00	\$1,400.00	\$1,400.00		
612.43606	6" DUCTILE IRON SEWER PIPE, CLASS 56	LF	40.00	\$120.00	\$4,800.00		
614.331	3" STEEL CONDUIT	LF	30.00	\$18.00	\$540.00		
614.512	CONCRETE PULL BOX 18"	EA	2.00	\$350.00	\$700.00		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
614.523	MOLDED PULL BOX 17"X30"	EA	7.00	\$350.00	\$2,450.00				
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	64.00	\$7.25	\$464.00				
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	350.00	\$8.25	\$2,887.50				
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	400.00	\$12.50	\$5,000.00				
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	121.50	\$170.00	\$20,655.00				
615.03	TRAFFIC SIGN TYPE C (F)	SF	185.25	\$90.00	\$16,672.50				
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	6.00	\$260.00	\$1,560.00				
615.04	TRAFFIC SIGN TYPE AA (F)	SF	379.00	\$20.50	\$7,769.50				
615.06	TRAFFIC SIGN TYPE CC (F)	SF	89.13	\$10.50	\$935.87				
615.30001	BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE	U	1.00	\$15,800.00	\$15,800.00				
615.30002	BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE	U	1.00	\$15,800.00	\$15,800.00				
615.30003	BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE	U	1.00	\$15,000.00	\$15,000.00				
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	70,500.00	\$1.00	\$70,500.00				
618.7	FLAGGERS	HR	1,100.00	\$20.00	\$22,000.00				
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$60,000.00	\$60,000.00				
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$12,000.00	\$24,000.00				
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$6,500.00	\$13,000.00				
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	\$1,850.00	\$14,800.00				
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	14.00	\$850.00	\$11,900.00				
619.51	PORTABLE QUEUE TRAILER/ SENSOR (PAT)	MON	104.00	\$680.00	\$70,720.00				



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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	46.00	\$900.00	\$41,400.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$20,000.00	\$40,000.00		
619.91	RELOCATE WORK ZONE ITS DEVICE	U	3.00	\$260.00	\$780.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	50.00	\$4.25	\$212.50		
621.31	SINGLE DELINEATOR WITH POST	EA	56.00	\$37.50	\$2,100.00		
621.61	FIBER OPTIC DELINEATOR	EA	3.00	\$170.00	\$510.00		
622.1	STEEL WITNESS MARKERS	EA	10.00	\$26.00	\$260.00		
622.2	CONCRETE BOUNDS	EA	2.00	\$360.00	\$720.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	440.00	\$1.85	\$814.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	66,000.00	\$0.16	\$10,560.00		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	23,000.00	\$0.21	\$4,830.00		
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	25.00	\$3.00	\$75.00		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	370.00	\$1.05	\$388.50		
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	340.00	\$1.25	\$425.00		
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	400.00	\$2.10	\$840.00		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	100.00	\$3.20	\$320.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	370.00	\$5.25	\$1,942.50		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING; SYMBOL OR WORD	SF	200.00	\$10.50	\$2,100.00				
632.911	OBLITERATE PAVE.. MARKING LINE, 12" WIDE & UNDER	LF	14,500.00	\$0.60	\$8,700.00				
641	LOAM	CY	160.00	\$24.00	\$3,840.00				
643.22	FERTILIZER FOR REFERTILIZATION	TON	2.00	\$950.00	\$1,900.00				
645.3	EROSION STONE	TON	170.00	\$25.00	\$4,250.00				
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	18,500.00	\$1.50	\$27,750.00				
645.45	PERMANENT CHANNEL STABILIZATION TYPE A	SY	2,500.00	\$3.75	\$9,375.00				
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,100.00	\$3.50	\$7,350.00				
645.531	SILT FENCE	LF	6,100.00	\$2.25	\$13,725.00				
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$6,000.00	\$6,000.00				
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	390.00	\$50.00	\$19,500.00				
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	5.00	\$1,800.00	\$9,000.00				
647.1	HUMUS	CY	2,100.00	\$12.00	\$25,200.00				
647.22	HUMUS, INTERMIXED, 2" DEEP	CY	120.00	\$20.00	\$2,400.00				
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$160.00	\$480.00				
670.104	TEMPORARY PORTABLE LIGHTING	U	1.00	\$7,500.00	\$7,500.00				
671.603	3-INCH PVC CONDUIT, SCHEDULE 80, DIRECTIONALLY BORED	LF	210.00	\$42.00	\$8,820.00				



## 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	
201.22	REMOVING LARGE TREES	EA	1.00	\$750.00	\$750.00	\$500.00	\$500.00	\$250.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	150.00	\$5.00	\$750.00	\$1.50	\$225.00	\$525.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	450.00	\$5.00	\$2,250.00	\$2.00	\$900.00	\$1,350.00
202.31	FILL ABANDONED PIPE	CY	68.00	\$175.00	\$11,900.00	\$150.00	\$10,200.00	\$1,700.00
202.32	FILL AND ABANDON STRUCT.	CY	35.00	\$140.00	\$4,900.00	\$170.00	\$5,950.00	(\$1,050.00)
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	690.00	\$9.00	\$6,210.00	\$11.00	\$7,590.00	(\$1,380.00)
202.419	REMOVAL OF EXISTING PIPE 0-24" DIAMETER (BRIDGE)	LF	230.00	\$9.00	\$2,070.00	\$25.00	\$5,750.00	(\$3,680.00)
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	5.00	\$290.00	\$1,450.00	\$255.00	\$1,275.00	\$175.00
202.7	REMOVAL OF GUARDRAIL	LF	3,750.00	\$0.75	\$2,812.50	\$1.00	\$3,750.00	(\$937.50)
203.1	COMMON EXCAVATION	CY	15,700.00	\$5.00	\$78,500.00	\$5.00	\$78,500.00	\$0.00
203.2	ROCK EXCAVATION	CY	630.00	\$50.00	\$31,500.00	\$50.00	\$31,500.00	\$0.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$700.00	\$1,400.00	\$700.00	\$1,400.00	\$0.00
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	2.00	\$800.00	\$1,600.00	\$750.00	\$1,500.00	\$100.00
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	1.00	\$800.00	\$800.00	\$750.00	\$750.00	\$50.00
203.55559	GUARDRAIL 25' EAGRT OFFSET PLATFORM	U	5.00	\$1,000.00	\$5,000.00	\$825.00	\$4,125.00	\$875.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	18,033.00	\$5.00	\$90,165.00	\$5.00	\$90,165.00	\$0.00
206.1	COMMON STRUCTURE EXCAVATION	CY	830.00	\$10.00	\$8,300.00	\$15.00	\$12,450.00	(\$4,150.00)

## 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	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$150.00	\$7,500.00	\$42.00	\$2,100.00	\$5,400.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	1,850.00	\$30.00	\$55,500.00	\$40.00	\$74,000.00	(\$18,500.00)
209.5	GRANULAR BACKFILL FOR MSE WALLS	CY	1,750.00	\$27.00	\$47,250.00	\$50.00	\$87,500.00	(\$40,250.00)
214	FINE GRADING	U	1.00	\$35,000.00	\$35,000.00	\$23,670.00	\$23,670.00	\$11,330.00
304.1	SAND (F)	CY	4,315.00	\$12.00	\$51,780.00	\$15.00	\$64,725.00	(\$12,945.00)
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	510.00	\$30.00	\$15,300.00	\$22.00	\$11,220.00	\$4,080.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	40.00	\$21.00	\$840.00	\$40.00	\$1,600.00	(\$760.00)
304.35	CRUSHED GRAVEL FOR DRIVES	CY	90.00	\$30.00	\$2,700.00	\$34.00	\$3,060.00	(\$360.00)
304.399	TEMPORARY CRUSHED GRAVEL	CY	300.00	\$29.00	\$8,700.00	\$23.00	\$6,900.00	\$1,800.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	2,693.00	\$23.00	\$61,939.00	\$28.00	\$75,404.00	(\$13,465.00)
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	5,361.00	\$23.00	\$123,303.00	\$28.00	\$150,108.00	(\$26,805.00)
304.6	CRUSHED STONE (VERY COARSE)	CY	19.00	\$40.00	\$760.00	\$26.00	\$494.00	\$266.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,300.00	\$68.00	\$360,400.00	\$65.00	\$344,500.00	\$15,900.00
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,150.00	\$81.00	\$93,150.00	\$65.00	\$74,750.00	\$18,400.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	510.00	\$70.00	\$35,700.00	\$100.00	\$51,000.00	(\$15,300.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	6,400.00	\$1.00	\$6,400.00	\$1.00	\$6,400.00	\$0.00
403.6	PAVEMENT JOINT ADHESIVE	LF	51,500.00	\$0.23	\$11,845.00	\$0.38	\$19,570.00	(\$7,725.00)

## 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	
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	56.00	\$150.00	\$8,400.00	\$190.00	\$10,640.00	(\$2,240.00)
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	330.00	\$60.00	\$19,800.00	\$100.00	\$33,000.00	(\$13,200.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	9,400.00	\$1.50	\$14,100.00	\$2.00	\$18,800.00	(\$4,700.00)
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$186,000.00	\$186,000.00	\$199,440.30	\$199,440.30	(\$13,440.30)
503.201	COFFEERDAMS	U	1.00	\$75,000.00	\$75,000.00	\$80,000.00	\$80,000.00	(\$5,000.00)
503.202	COFFEERDAMS	U	1.00	\$64,000.00	\$64,000.00	\$40,000.00	\$40,000.00	\$24,000.00
504.101	COMMON BRIDGE EXCAVATION	CY	2,700.00	\$10.00	\$27,000.00	\$19.00	\$51,300.00	(\$24,300.00)
504.2	ROCK BRIDGE EXCAVATION	CY	750.00	\$60.00	\$45,000.00	\$90.00	\$67,500.00	(\$22,500.00)
508	STRUCTURAL FILL	CY	250.00	\$49.00	\$12,250.00	\$40.00	\$10,000.00	\$2,250.00
520.02021	CONCRETE CLASS AA, RAIL SUPPORT SLAB (QC/QA) (F)	CY	40.00	\$600.00	\$24,000.00	\$350.00	\$14,000.00	\$10,000.00
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	140.00	\$365.00	\$51,100.00	\$365.00	\$51,100.00	\$0.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	615.00	\$450.00	\$276,750.00	\$575.00	\$353,625.00	(\$76,875.00)
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	280.00	\$300.00	\$84,000.00	\$350.00	\$98,000.00	(\$14,000.00)
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	380.00	\$715.00	\$271,700.00	\$800.00	\$304,000.00	(\$32,300.00)
528.51	PRESTRESSED CONCRETE DECK PANELS (F)	SF	8,650.00	\$11.00	\$95,150.00	\$17.00	\$147,050.00	(\$51,900.00)
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	70.00	\$60.00	\$4,200.00	\$70.00	\$4,900.00	(\$700.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	50.00	\$50.00	\$2,500.00	\$45.00	\$2,250.00	\$250.00

# 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	
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	1,300.00	\$15.25	\$19,825.00	\$20.00	\$26,000.00	(\$6,175.00)
541.2	PVC WATERSTOPS, NH TYPE 2 (F)	LF	70.00	\$6.00	\$420.00	\$10.00	\$700.00	(\$280.00)
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	105.00	\$10.00	\$1,050.00	\$11.00	\$1,155.00	(\$105.00)
544	REINFORCING STEEL (F)	LB	63,595.00	\$1.25	\$79,493.75	\$1.10	\$69,954.50	\$9,539.25
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	119,504.00	\$1.15	\$137,429.60	\$1.30	\$155,355.20	(\$17,925.60)
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	980.00	\$8.50	\$8,330.00	\$7.43	\$7,281.40	\$1,048.60
547	SHEAR CONNECTORS (F)	EA	6,680.00	\$5.30	\$35,404.00	\$5.10	\$34,068.00	\$1,336.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	12.00	\$1,250.00	\$15,000.00	\$1,500.00	\$18,000.00	(\$3,000.00)
550.1	STRUCTURAL STEEL (F)	LB	548,000.00	\$1.40	\$767,200.00	\$1.74	\$953,520.00	(\$186,320.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	55.00	\$80.00	\$4,400.00	\$110.00	\$6,050.00	(\$1,650.00)
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	61.00	\$417.00	\$25,437.00	\$700.00	\$42,700.00	(\$17,263.00)
562.1	SILICONE JOINT SEALANT (F)	LF	5.00	\$24.00	\$120.00	\$25.00	\$125.00	(\$5.00)
563.231	BRIDGE RAIL T3 WITH PROTECTIVE SCREENING	LF	192.00	\$162.00	\$31,104.00	\$165.00	\$31,680.00	(\$576.00)
563.241	BRIDGE RAIL T4 WITH PROTECTIVE SCREENING	LF	292.00	\$202.00	\$58,984.00	\$205.00	\$59,860.00	(\$876.00)
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	2.00	\$4,500.00	\$9,000.00	\$4,700.00	\$9,400.00	(\$400.00)
565.242	BRIDGE APPROACH RAIL T4 (STEEL POSTS)	U	2.00	\$6,142.00	\$12,284.00	\$5,700.00	\$11,400.00	\$884.00
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	455.00	\$58.00	\$26,390.00	\$45.00	\$20,475.00	\$5,915.00
585.3	STONE FILL, CLASS C	CY	60.00	\$34.00	\$2,040.00	\$40.00	\$2,400.00	(\$360.00)
592.1	MECHANICALLY STABILIZED EARTH RETAINING WALL	SF	2,550.00	\$35.00	\$89,250.00	\$40.00	\$102,000.00	(\$12,750.00)

# 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	
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	190.00	\$3.50	\$665.00	\$2.50	\$475.00	\$190.00
603.0001	VIDEO INSPECTION	LF	2,300.00	\$0.65	\$1,495.00	\$1.00	\$2,300.00	(\$805.00)
603.00212	12" R.C. PIPE, 2000D	LF	23.00	\$55.00	\$1,265.00	\$36.00	\$828.00	\$437.00
603.00215	15" R.C. PIPE, 2000D	LF	1,600.00	\$50.00	\$80,000.00	\$36.00	\$57,600.00	\$22,400.00
603.00315	15" R.C. PIPE, 3000D	LF	530.00	\$55.00	\$29,150.00	\$42.00	\$22,260.00	\$6,890.00
603.36115	15" ALUMINIZED STEEL END SECTION	EA	1.00	\$250.00	\$250.00	\$200.00	\$200.00	\$50.00
603.36118	18" ALUMINIZED STEEL END SECTION	EA	4.00	\$300.00	\$1,200.00	\$235.00	\$940.00	\$260.00
603.40018	18" PIPE FOR SLOPE DRAIN.	LF	150.00	\$100.00	\$15,000.00	\$50.00	\$7,500.00	\$7,500.00
604.0007	POLYETHYLENE LINER	EA	32.00	\$230.00	\$7,360.00	\$170.00	\$5,440.00	\$1,920.00
604.12	CATCH BASINS TYPE B	U	38.00	\$1,950.00	\$74,100.00	\$2,100.00	\$79,800.00	(\$5,700.00)
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	2.00	\$2,700.00	\$5,400.00	\$2,500.00	\$5,000.00	\$400.00
604.16	CATCH BASINS TYPE F	U	2.00	\$2,050.00	\$4,100.00	\$2,000.00	\$4,000.00	\$100.00
604.165	CATCH BASINS TYPE F, 5-FOOT DIAMETER	U	2.00	\$2,750.00	\$5,500.00	\$2,500.00	\$5,000.00	\$500.00
604.32	DRAINAGE MANHOLES	U	5.00	\$1,950.00	\$9,750.00	\$2,100.00	\$10,500.00	(\$750.00)
604.325	DRAINAGE MANHOLES, 5-FOOT DIAMETER	U	2.00	\$2,700.00	\$5,400.00	\$2,500.00	\$5,000.00	\$400.00
604.4	RECONSTRUCTING/ADJUST ING CATCH BASIN & DROP INLET	LF	21.00	\$440.00	\$9,240.00	\$550.00	\$11,550.00	(\$2,310.00)
604.5	RECONSTRUCTING/ADJUST ING MANHOLES	LF	2.00	\$440.00	\$880.00	\$500.00	\$1,000.00	(\$120.00)
604.72	GRATES & FRAMES, TYPE B	EA	17.00	\$400.00	\$6,800.00	\$340.00	\$5,780.00	\$1,020.00
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$450.00	\$450.00	\$500.00	\$500.00	(\$50.00)
606.1203	BEAM GUARDRAIL STANDARD SECTION, THRIE BEAM	LF	300.00	\$22.00	\$6,600.00	\$25.00	\$7,500.00	(\$900.00)



## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	A-Bidder			PS&E			A-PS&E Difference
			Quantity	Unit Price	Total	Unit Price	Total	Difference	
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (STEEL POST)	U	5.00	\$1,548.00	\$7,740.00	\$1,600.00	\$8,000.00	(\$260.00)	
606.147	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2)	U	2.00	\$512.00	\$1,024.00	\$550.00	\$1,100.00	(\$76.00)	
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	2,500.00	\$15.00	\$37,500.00	\$14.50	\$36,250.00	\$1,250.00	
606.312	SINGLE FACED TRANSITION RAIL, STEEL POSTS	U	1.00	\$2,800.00	\$2,800.00	\$2,950.00	\$2,950.00	(\$150.00)	
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	260.00	\$15.00	\$3,900.00	\$17.00	\$4,420.00	(\$520.00)	
606.4175	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - ANCHORED	LF	340.00	\$4.00	\$1,360.00	\$44.00	\$14,960.00	(\$13,600.00)	
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$3,500.00	\$7,000.00	\$3,000.00	\$6,000.00	\$1,000.00	
607.9703	RESETTING WOOD FENCE, 3' HIGH	LF	120.00	\$15.00	\$1,800.00	\$10.00	\$1,200.00	\$600.00	
608.13	3" BITUMINOUS SIDEWALK (F)	SY	826.00	\$18.00	\$14,868.00	\$15.00	\$12,390.00	\$2,478.00	
608.24	4" CONCRETE SIDEWALK (F)	SY	78.00	\$40.00	\$3,120.00	\$42.50	\$3,315.00	(\$195.00)	
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.00	\$400.00	\$4,000.00	\$300.00	\$3,000.00	\$1,000.00	
608.92	RECONSTRUCT SIDEWALK IN- KIND	SF	15.00	\$10.00	\$150.00	\$50.00	\$750.00	(\$600.00)	
609.01	STRAIGHT GRANITE CURB	LF	970.00	\$16.25	\$15,762.50	\$17.50	\$16,975.00	(\$1,212.50)	
609.02	CURVED GRANITE CURB	LF	140.00	\$28.00	\$3,920.00	\$26.00	\$3,640.00	\$280.00	
609.21	STRAIGHT GRANITE SLOPE CURB	LF	490.00	\$12.75	\$6,247.50	\$19.00	\$9,310.00	(\$3,062.50)	

# 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	
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	16.00	\$12.75	\$204.00	\$19.00	\$304.00	(\$100.00)
609.5	RESET GRANITE CURB	LF	12,700.00	\$4.65	\$59,055.00	\$9.50	\$120,650.00	(\$61,595.00)
611.05206	6" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	60.00	\$80.00	\$4,800.00	\$63.00	\$3,780.00	\$1,020.00
611.05212	12" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	780.00	\$85.00	\$66,300.00	\$125.00	\$97,500.00	(\$31,200.00)
611.06212	12" CEMENT-LINED DUCTILE IRON BRIDGE CROSSING PIPE, CL 52	LF	190.00	\$300.00	\$57,000.00	\$130.00	\$24,700.00	\$32,300.00
611.35224	24" CASING PIPE W/12" CEMENT-LINED DUCT. IRON, PIPE, CL 52	LF	80.00	\$300.00	\$24,000.00	\$410.00	\$32,800.00	(\$8,800.00)
611.50107	3/4" COPPER WATER PIPE	LF	10.00	\$80.00	\$800.00	\$25.00	\$250.00	\$550.00
611.5011	1" COPPER WATER PIPE	LF	33.00	\$80.00	\$2,640.00	\$39.00	\$1,287.00	\$1,353.00
611.5012	2" COPPER WATER PIPE	LF	65.00	\$80.00	\$5,200.00	\$50.00	\$3,250.00	\$1,950.00
611.5101	1" CORPORATION STOP	EA	1.00	\$300.00	\$300.00	\$400.00	\$400.00	(\$100.00)
611.5102	2" CORPORATION STOP WITH 12"X2" SERVICE SADDLE	EA	2.00	\$500.00	\$1,000.00	\$590.00	\$1,180.00	(\$180.00)
611.52007	3/4" CURB STOP	EA	6.00	\$400.00	\$2,400.00	\$175.00	\$1,050.00	\$1,350.00
611.5201	1" CURB STOP	EA	1.00	\$450.00	\$450.00	\$295.00	\$295.00	\$155.00
611.5202	2" CURB STOP	EA	2.00	\$650.00	\$1,300.00	\$685.00	\$1,370.00	(\$70.00)
611.70006	6" FITTING	EA	4.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$0.00
611.70012	12" FITTING	EA	10.00	\$1,000.00	\$10,000.00	\$725.00	\$7,250.00	\$2,750.00
611.71012	12" GATE VALVE	EA	2.00	\$2,800.00	\$5,600.00	\$2,325.00	\$4,650.00	\$950.00
611.71206	6" X 6" TAPPING SLEEVE & VALVE WITH BOX	EA	1.00	\$2,300.00	\$2,300.00	\$1,250.00	\$1,250.00	\$1,050.00
611.71212	12" X 6" TAPPING SLEEVE & VALVE WITH BOX	EA	2.00	\$2,400.00	\$4,800.00	\$1,250.00	\$2,500.00	\$2,300.00
611.81	HYDRANTS	EA	2.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00	(\$1,000.00)
611.811	ADJUSTING/RELOCATING HYDRANTS	EA	2.00	\$2,500.00	\$5,000.00	\$2,325.00	\$4,650.00	\$350.00

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	A-Bidder			PS&E			A-PS&E Difference
			Quantity	Unit Price	Total	Unit Price	Total	Difference	
611.91	REMOVING & RELAYING WATER PIPE	LF	25.00	\$180.00	\$4,500.00	\$10.00	\$250.00	\$4,250.00	
611.951	WATER MAIN INSULATION	SY	416.00	\$20.00	\$8,320.00	\$13.00	\$5,408.00	\$2,912.00	
612.313	1-6" MANHOLE CORE	EA	1.00	\$400.00	\$400.00	\$100.00	\$100.00	\$300.00	
612.43606	6" DUCTILE IRON SEWER PIPE, CLASS 56	LF	40.00	\$150.00	\$6,000.00	\$65.00	\$2,600.00	\$3,400.00	
614.331	3" STEEL CONDUIT	LF	30.00	\$17.50	\$525.00	\$17.00	\$510.00	\$15.00	
614.512	CONCRETE PULL BOX 18"	EA	2.00	\$345.00	\$690.00	\$450.00	\$900.00	(\$210.00)	
614.523	MOLDED PULL BOX 17"X30"	EA	7.00	\$345.00	\$2,415.00	\$375.00	\$2,625.00	(\$210.00)	
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	64.00	\$7.00	\$448.00	\$5.00	\$320.00	\$128.00	
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	350.00	\$8.00	\$2,800.00	\$6.50	\$2,275.00	\$525.00	
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	400.00	\$12.00	\$4,800.00	\$13.00	\$5,200.00	(\$400.00)	
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	121.50	\$145.00	\$17,617.50	\$90.00	\$10,935.00	\$6,682.50	
615.03	TRAFFIC SIGN TYPE C (F)	SF	185.25	\$92.00	\$17,043.00	\$47.00	\$8,706.75	\$8,336.25	
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	6.00	\$250.00	\$1,500.00	\$100.00	\$600.00	\$900.00	
615.04	TRAFFIC SIGN TYPE AA (F)	SF	379.00	\$18.00	\$6,822.00	\$17.00	\$6,443.00	\$379.00	
615.06	TRAFFIC SIGN TYPE CC (F)	SF	89.13	\$12.00	\$1,069.56	\$13.00	\$1,158.69	(\$89.13)	
615.30001	BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	
615.30002	BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	
615.30003	BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	70,500.00	\$1.00	\$70,500.00	\$1.00	\$70,500.00	\$0.00	
618.7	FLAGGERS	HR	1,100.00	\$17.25	\$18,975.00	\$20.00	\$22,000.00	(\$3,025.00)	
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$55,000.00	\$55,000.00	\$100,000.00	\$100,000.00	(\$45,000.00)	
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$15,000.00	\$30,000.00	\$6,200.00	\$12,400.00	\$17,600.00	

# A - PS&E Comparison

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Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,500.00	\$3,000.00	\$1,750.00	\$3,500.00	(\$500.00)
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	\$2,000.00	\$16,000.00	\$230.00	\$1,840.00	\$14,160.00
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	14.00	\$1,000.00	\$14,000.00	\$90.00	\$1,260.00	\$12,740.00
619.51	PORTABLE QUEUE TRAILER/ SENSOR (PQT)	MON	104.00	\$600.00	\$62,400.00	\$500.00	\$52,000.00	\$10,400.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	46.00	\$850.00	\$39,100.00	\$670.00	\$30,820.00	\$8,280.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$10,000.00	\$20,000.00	\$7,000.00	\$14,000.00	\$6,000.00
619.91	RELOCATE WORK ZONE ITS DEVICE	U	3.00	\$250.00	\$750.00	\$250.00	\$750.00	\$0.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	50.00	\$5.00	\$250.00	\$4.00	\$200.00	\$50.00
621.31	SINGLE DELINEATOR WITH POST	EA	56.00	\$28.00	\$1,568.00	\$34.50	\$1,932.00	(\$364.00)
621.61	FIBER OPTIC DELINEATOR	EA	3.00	\$150.00	\$450.00	\$70.00	\$210.00	\$240.00
622.1	STEEL WITNESS MARKERS	EA	10.00	\$28.00	\$280.00	\$25.00	\$250.00	\$30.00
622.2	CONCRETE BOUNDS	EA	2.00	\$300.00	\$600.00	\$260.00	\$520.00	\$80.00
628.2	SAVED BITUMINOUS PAVEMENT	LF	440.00	\$1.25	\$550.00	\$1.50	\$660.00	(\$110.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	66,000.00	\$0.16	\$10,560.00	\$0.12	\$7,920.00	\$2,640.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	23,000.00	\$0.25	\$5,750.00	\$0.15	\$3,450.00	\$2,300.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	25.00	\$2.00	\$50.00	\$3.00	\$75.00	(\$25.00)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	370.00	\$1.00	\$370.00	\$0.45	\$166.50	\$203.50

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	A-Bidder		PS&E		A-PS&E Difference
			Quantity	Unit Price	Total	Unit Price	
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	340.00	\$1.00	\$340.00	\$1.10	\$374.00 (\$34.00)
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	400.00	\$1.15	\$460.00	\$2.50	\$1,000.00 (\$540.00)
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	100.00	\$2.00	\$200.00	\$3.00	\$300.00 (\$100.00)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	370.00	\$2.50	\$925.00	\$3.75	\$1,387.50 (\$462.50)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	200.00	\$5.00	\$1,000.00	\$5.75	\$1,150.00 (\$150.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	14,500.00	\$0.35	\$5,075.00	\$0.35	\$5,075.00 \$0.00
641	LOAM	CY	160.00	\$21.50	\$3,440.00	\$22.25	\$3,560.00 (\$120.00)
643.22	FERTILIZER FOR REFERTILIZATION	TON	2.00	\$900.00	\$1,800.00	\$750.00	\$1,500.00 \$300.00
645.3	EROSION STONE	TON	170.00	\$26.00	\$4,420.00	\$20.00	\$3,400.00 \$1,020.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	18,500.00	\$1.45	\$26,825.00	\$1.70	\$31,450.00 (\$4,625.00)
645.45	PERMANENT CHANNEL STABILIZATION TYPE A	SY	2,500.00	\$3.65	\$9,125.00	\$3.00	\$7,500.00 \$1,625.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,100.00	\$3.50	\$7,350.00	\$4.25	\$8,925.00 (\$1,575.00)
645.531	SILT FENCE	LF	6,100.00	\$2.30	\$14,030.00	\$2.50	\$15,250.00 (\$1,220.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$1,350.00	\$1,350.00	\$3,000.00	\$3,000.00 (\$1,650.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	390.00	\$40.00	\$15,600.00	\$45.00	\$17,550.00 (\$1,950.00)

## 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	
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	5.00	\$1,800.00	\$9,000.00	\$1,700.00	\$8,500.00	\$500.00
647.1	HUMUS	CY	2,100.00	\$19.50	\$40,950.00	\$25.50	\$53,550.00	(\$12,600.00)
647.22	HUMUS, INTERMIXED, 2" DEEP	CY	120.00	\$25.00	\$3,000.00	\$21.50	\$2,580.00	\$420.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$175.00	\$525.00	\$155.00	\$465.00	\$60.00
670.104	TEMPORARY PORTABLE LIGHTING	U	1.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$0.00
671.603	3-INCH PVC CONDUIT, SCHEDULE 80, DIRECTIONALLY BORED	LF	210.00	\$20.00	\$4,200.00	\$85.00	\$17,850.00	(\$13,650.00)
677.4101	CCTV SYSTEM	U	1.00	\$65,000.00	\$65,000.00	\$80,000.00	\$80,000.00	(\$15,000.00)
677.51012	12-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	475.00	\$5.00	\$2,375.00	\$2.50	\$1,187.50	\$1,187.50
677.53	FIBER OPTIC SPLICE	EA	16.00	\$340.00	\$5,440.00	\$1,000.00	\$16,000.00	(\$10,560.00)
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$13,400.00	\$13,400.00	\$28,000.00	\$28,000.00	(\$14,600.00)
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	1.00	\$2,500.00	\$2,500.00	\$800.00	\$800.00	\$1,700.00
677.5821	100 MBPS FIBER ETHERNET SWITCH	EA	1.00	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00	(\$1,000.00)
677.63	METER AND DISCONNECT PEDESTAL	U	2.00	\$1,800.00	\$3,600.00	\$1,750.00	\$3,500.00	\$100.00
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	1.00	\$1,400.00	\$1,400.00	\$12,000.00	\$12,000.00	(\$10,600.00)
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	165.00	\$5.00	\$825.00	\$2.50	\$412.50	\$412.50
692	MOBILIZATION	U	1.00	\$540,000.00	\$540,000.00	\$250,000.00	\$250,000.00	\$290,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$250.00	\$250.00	\$1,500.00	\$1,500.00	(\$1,250.00)
698.12	FIELD OFFICE TYPE B	MON	27.00	\$1,600.00	\$43,200.00	\$1,400.00	\$37,800.00	\$5,400.00
698.2	PHYSICAL TESTING LABORATORY	MON	16.00	\$800.00	\$12,800.00	\$500.00	\$8,000.00	\$4,800.00

## 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	
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	19,000.00	\$1.00	\$19,000.00	\$1.00	\$19,000.00	\$0.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	15,200.00	\$1.00	\$15,200.00	\$1.00	\$15,200.00	\$0.00
					\$5,844,689.91		\$6,153,560.84	(\$308,870.93)







# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
6/3/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Christine Holman, CPCU, CIC
	PHONE (A/C No. Ext): (603) 224-2562 FAX (A/C No.): (603) 224-8012
	E-MAIL ADDRESS: cholman@rowleyagency.com
	INSURER(S) AFFORDING COVERAGE
	INSURER A: Travelers NAIC # 28188
INSURED R.S. Audley, Inc. 609 Route 3-A Bow NH 03304	INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES CERTIFICATE NUMBER: 14-15 all lines 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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CG0001 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC			VTNCO2398A78A-PHX-14	1/1/2014	1/1/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/PO/AGG \$ 2,000,000
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			VTOCAP2398A791-COF-14	1/1/2014	1/1/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Medical payments \$ 2,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			VTSMJCUP2398A809-TIL-14	1/1/2014	1/1/2015	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	3A States: NH, ME VTRKUB-2398A77-8-14	1/1/2014	1/1/2015	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	Leased/Rented			QT-660-3082B427-COF-14	1/1/2014	1/1/2015	Limit 750,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 Re: Bow-Concord 13472A Replace the existing bridge that carries NH Route 3A over Interstate 93 at Exist 12 Certificate holder is included as an additional insured under general liability coverage for ongoing operations when required by written contract. \*exception: nonpayment of premium - 10 days

<b>CERTIFICATE HOLDER</b>  State of New Hampshire Department of Transportation PO Box 483 Concord, NH 03302-0483	<b>CANCELLATION</b>  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  C Holman, CPCU, CIC/C <i>Christine Holman</i>



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
6/3/2014

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).

<b>PRODUCER</b> THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511	<b>CONTACT NAME:</b> Christine Holman, CPCU, CIC <b>PHONE (A/C No. Ext):</b> (603) 224-2562 <b>FAX (A/C No.):</b> (603) 224-8012 <b>E-MAIL ADDRESS:</b> cholman@rowleyagency.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: Travelers</td> <td>28188</td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Travelers	28188	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:
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INSURER F:														
<b>INSURED</b> State of New Hampshire PO Box 483 Concord NH 03302-0483														

**COVERAGES** CERTIFICATE NUMBER: OCP-Bow 13472A 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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <b>Owners &amp; Contractors</b>			OCP070214	7/2/2014	7/2/2015	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 \$ \$
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						
	<b>AUTOMOBILE LIABILITY</b> <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) \$ \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			N/A			WC STATUTORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 re: Bow-Concord 13472A - replace the existing bridge that carries NH Route 3A over interstate I93 at exit 12

<b>CERTIFICATE HOLDER</b>  State of New Hampshire Department of Transportation PO Box 483 Concord, NH 03302	<b>CANCELLATION</b>  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  C Holman, CPCU, CIC/C <i>Christine Holman</i>
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