

J-lem

27D



THE STATE OF NEW HAMPSHIRE
 DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
 Commissioner

William Cass, P.E.
 Assistant Commissioner

His Excellency, Governor Christopher T. Sununu
 and the Honorable Council
 State House
 Concord, New Hampshire 03301

Bureau of Construction
 May 31, 2019

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Weaver Brothers Construction Company, Inc. (Vendor 154074) of Bow, NH on the basis of a low bid of \$14,899,945.28 for interstate rehabilitation on I-89, from the date of Governor and Council approval through October 15, 2021, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is contingent upon the availability and continued appropriation of funds in Fiscal Year 2020, 2021 and 2022 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054			
Consolidated Federal Aid			
400-500870 Highway Contract Payments	\$6,000,000.00	\$6,000,000.00	\$2,899,945.28

2. Further authorize that a contingency in the amount of \$595,997.81 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 4% of the contract amount.

Funding is available as follows:	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054			
Consolidated Federal Aid			
400-500870 Highway Contract Payments			\$595,997.81

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan. The project is located on Interstate 89, beginning just south of Exit 8 (mile marker 16.6) and continuing approximately 4 miles to just north of Exit 9 (mile marker 20.5). The project will include pavement rehabilitation of I-89 northbound and southbound and rehabilitating all of the ramps at Exit 8 and Exit 9. Other work includes drainage, guardrail, signage, rock slope work, striping improvements and repairing the bridge joints at 10 bridge locations.

The project is needed to rehabilitate the existing pavement; replace or rehabilitate aged drainage, guardrail and signs; repair bridge joints; and improve safety to extend the service life of this section of the interstate and eliminate the need for more costly short-term improvements.

The proposed contingency amount is 4% of the contract amount. This is to account for the risks associated with the limited survey information which will likely result in field adjustments to the proposed work, complex traffic control due to high traffic volumes and long duration lane closures for reclaim work, erosion control required for impacts to the extensive wetland system and the Warner River, and multiple seasons of construction.

Although the bid costs exceeded the Department's estimate by 3.17% the low bid of 2 bids received is felt to be reasonable for the work involved. Bid prices on five items represent 100% of the overage; reclaim base (12%), pavement, shotcrete liner, guardrail and woven wire fence. The low bid price received for mobilization mitigated some of the overage. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

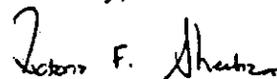
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is 80% (Paving-Tier 1 Rehab), utilizing Turnpike Toll Credits as the State's 20% match and 80% (Bridge-Tier 1/2 Maintenance and Preservation) utilizing Turnpike Toll Credits as the State's 20% match, effectively using 100% Federal Funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Your approval of this resolution is respectfully requested.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$14,441,706.20
Contract Amount: \$14,899,945.28
Over Estimate: \$ 458,239.08
Attachments



ABC Bid Data

WARNER, WARNER
 40512, 42546
 X-A004(422) , X-A004(902)

PROJECT:	WARNER, WARNER	Awarded To:	WEAVER BROS. CONST. CO., INC.	Certified by:	<u>PETER.E.STAMNAS</u> <small>Director of Project Development</small>
STATE PROJECT NUMBER:	40512, 42546		1629 RTE 3A BOW, NH 03304		
FED. PROJECT NUMBER:	X-A004(422) , X-A004(902)	Amount:	\$14,899,945.28		
DATE BIDS OPEN:	May 30, 2019, 2:00 PM	Award Date:			
SCOPE OF WORK:	Pavement joint south of exit 8 to pavement joint north of exit 9 Includes Exits 8 and 9				
COMPLETION DATE:	October 15, 2021				
LOCATION:	Merrimack				

Summary of Bidders

Contractor	Bid Amount	Rank
WEAVER BROS. CONST. CO., INC. 1629 RTE 3A, BOW NH 03304	\$14,899,945.28	A
AUDLEY, R. S., INC. 1113 ROUTE 3A, BOW NH 03304-4025	\$16,547,842.22	B

Item No.	Description	Unit	Quantity	P&E		WEAVER BROS. CONST. CO., INC. 1823 RTE 3A BOW, NH 03304		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-0023	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.01	CLEARING (F)	A	7.60	\$9,000.00	\$68,400.00	\$8,500.00	\$64,800.00	\$4,500.00	\$34,200.00
201.21	REMOVING SMALL TREES	EA	47.00	\$350.00	\$16,450.00	\$800.00	\$37,600.00	\$700.00	\$32,900.00
201.22	REMOVING LARGE TREES	EA	18.00	\$2,200.00	\$39,600.00	\$1,800.00	\$32,400.00	\$1,600.00	\$28,800.00
201.6	CLEARING FOR FENCE LINES (F)	A	2.20	\$5,000.00	\$11,000.00	\$20,000.00	\$44,000.00	\$10,000.00	\$22,000.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	260.00	\$7.00	\$1,820.00	\$1.50	\$390.00	\$5.00	\$1,300.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	230.00	\$7.00	\$1,610.00	\$4.00	\$920.00	\$5.00	\$1,150.00
202.31	FILL ABANDONED PIPE	CY	60.00	\$200.00	\$12,000.00	\$280.00	\$16,800.00	\$200.00	\$12,000.00
202.7	REMOVAL OF GUARDRAIL	LF	43,100.00	\$1.50	\$64,650.00	\$2.75	\$118,525.00	\$2.50	\$107,750.00
202.843	REMOVAL OF LIGHT POLE	U	7.00	\$500.00	\$3,500.00	\$800.00	\$5,600.00	\$600.00	\$4,200.00
203.1	COMMON EXCAVATION	CY	2,550.00	\$13.00	\$33,150.00	\$10.10	\$25,755.00	\$25.00	\$63,750.00
203.11	COMMON EXCAVATION - LRS	CY	6,900.00	\$9.00	\$62,100.00	\$5.50	\$37,950.00	\$25.00	\$172,500.00
203.2	ROCK EXCAVATION	CY	100.00	\$25.00	\$2,500.00	\$60.00	\$6,000.00	\$80.00	\$8,000.00
203.5561	EAGRT PLATFORM PREFERRED	U	25.00	\$1,200.00	\$30,000.00	\$900.00	\$22,500.00	\$1,200.00	\$30,000.00
203.601	EMBANKMENT-IN-PLACE	CY	830.00	\$25.00	\$20,750.00	\$13.00	\$10,790.00	\$28.00	\$23,240.00
203.91	ROCK SCALING - HAND METHOD	HR	350.00	\$250.00	\$87,500.00	\$153.00	\$53,550.00	\$150.00	\$52,500.00
203.92	ROCK SCALING - MACHINE METHOD	HR	40.00	\$300.00	\$12,000.00	\$440.00	\$17,600.00	\$150.00	\$6,000.00
206.1	COMMON STRUCTURE EXCAVATION	CY	1,718.00	\$19.00	\$32,642.00	\$18.75	\$32,212.50	\$21.00	\$36,078.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$70.00	\$1,400.00	\$80.00	\$1,600.00	\$150.00	\$3,000.00
206.2	ROCK STRUCTURE EXCAVATION	CY	40.00	\$100.00	\$4,000.00	\$100.00	\$4,000.00	\$70.00	\$2,800.00
214.	FINE GRADING	U	1.00	\$243,190.00	\$243,190.00	\$185,000.00	\$185,000.00	\$85,000.00	\$85,000.00
225.2	PRESTRESSED ROCK BOLTS	LF	420.00	\$180.00	\$75,600.00	\$130.00	\$54,600.00	\$130.00	\$54,600.00
225.3	ROCK DOWELS (UNTENSIONED ROCK BOLT)	LF	75.00	\$100.00	\$7,500.00	\$128.00	\$9,600.00	\$125.00	\$9,375.00
304.301	CRUSHED GRAVEL	CY	122.00	\$50.00	\$6,100.00	\$75.00	\$9,150.00	\$85.00	\$10,370.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	250.00	\$30.00	\$7,500.00	\$21.50	\$5,375.00	\$28.00	\$7,000.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,000.00	\$23.00	\$69,000.00	\$11.50	\$34,500.00	\$16.00	\$48,000.00
306.212	RECLAIMED STABILIZED BASE REMOVED AND REHANDLED 12 IN DEEP (F)	SY	179,800.00	\$1.50	\$269,700.00	\$2.10	\$377,580.00	\$3.75	\$674,250.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	82,500.00	\$65.00	\$5,362,500.00	\$67.50	\$5,568,750.00	\$66.00	\$5,445,000.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	1,740.00	\$90.00	\$156,600.00	\$75.00	\$130,500.00	\$72.00	\$125,280.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,800.00	\$90.00	\$162,000.00	\$88.00	\$158,400.00	\$85.00	\$153,000.00

Item No.	Description	Unit	Quantity	P&E		WEAVER BROS. CONST. CO., INC. 1829 RTE 3A BOW, NH 03304		AIDLEY, R. S., INC. 1115 ROUTE 3A BOW, NH 03304-0225	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	126.30	\$107.00	\$13,514.10	\$115.00	\$14,524.50	\$110.00	\$13,893.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	88,100.00	\$1.25	\$107,625.00	\$1.10	\$94,710.00	\$1.10	\$94,710.00
403.6	PAVEMENT JOINT ADHESIVE	LF	281,500.00	\$0.23	\$64,745.00	\$0.26	\$73,190.00	\$0.25	\$70,375.00
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	4,335.00	\$1.00	\$4,335.00	\$0.55	\$2,384.25	\$0.50	\$2,167.50
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	6,000.00	\$4.00	\$24,000.00	\$3.65	\$21,900.00	\$3.50	\$21,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	196,000.00	\$1.50	\$294,000.00	\$1.60	\$313,600.00	\$1.50	\$294,000.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	72,000.00	\$0.29	\$20,880.00	\$0.29	\$20,880.00	\$0.30	\$21,600.00
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$57,082.50	\$57,082.50	\$55,650.00	\$55,650.00	\$40,000.00	\$40,000.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$57,082.50	\$57,082.50	\$64,050.00	\$64,050.00	\$55,000.00	\$55,000.00
502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$57,082.50	\$57,082.50	\$42,000.00	\$42,000.00	\$50,000.00	\$50,000.00
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$57,082.50	\$57,082.50	\$42,000.00	\$42,000.00	\$40,000.00	\$40,000.00
502.105	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$57,082.50	\$57,082.50	\$47,250.00	\$47,250.00	\$50,000.00	\$50,000.00
502.106	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$57,082.50	\$57,082.50	\$47,250.00	\$47,250.00	\$50,000.00	\$50,000.00
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$500.00	\$500.00
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
503.104	WATER DIVERSION STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
503.105	WATER DIVERSION STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00
503.106	WATER DIVERSION STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$500.00	\$500.00
503.107	WATER DIVERSION STRUCTURE	U	1.00	\$18,000.00	\$18,000.00	\$20,400.00	\$20,400.00	\$15,000.00	\$15,000.00
503.108	WATER DIVERSION STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00
503.109	WATER DIVERSION STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	163.00	\$50.00	\$8,150.00	\$34.00	\$5,542.00	\$32.00	\$5,216.00
520.01	CONCRETE CLASS AA	CY	1.80	\$800.00	\$1,440.00	\$1,470.00	\$2,646.00	\$5,225.00	\$9,405.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	114.00	\$1,500.00	\$171,000.00	\$1,575.00	\$179,550.00	\$2,300.00	\$262,200.00
520.1	CONCRETE CLASS A	CY	57.00	\$900.00	\$51,300.00	\$1,090.00	\$62,130.00	\$1,400.00	\$79,800.00
521.1	SHOTCRETE LINER (F)	SF	3,500.00	\$37.00	\$129,500.00	\$74.00	\$259,000.00	\$57.50	\$201,250.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	144.00	\$100.00	\$14,400.00	\$78.75	\$11,340.00	\$65.00	\$9,360.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	177.00	\$50.00	\$8,850.00	\$42.00	\$7,434.00	\$45.00	\$7,965.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	162.00	\$30.00	\$4,860.00	\$152.25	\$24,864.50	\$129.11	\$20,915.82
540.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	477.00	\$50.00	\$23,850.00	\$42.00	\$20,034.00	\$41.00	\$19,557.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	227.00	\$10.00	\$2,270.00	\$9.45	\$2,145.15	\$8.00	\$1,816.00

Item No.	Description	Unit	Quantity	P&A E		WEAVER BROS. CONST. CO., INC. 1823 RTE 3A BOW, NH 03304		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4923	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
544.	REINFORCING STEEL (F)	LB	10,649.00	\$2.00	\$21,298.00	\$4.25	\$45,258.25	\$3.50	\$37,271.50
544.11	REINFORCING STEEL- MECHANICAL CONNECTORS (F)	LB	516.00	\$5.00	\$2,580.00	\$5.35	\$2,760.60	\$8.00	\$4,128.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	733.00	\$4.00	\$2,932.00	\$3.45	\$2,528.65	\$13.00	\$9,529.00
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	36.00	\$10.00	\$360.00	\$7.60	\$273.60	\$240.00	\$8,640.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	465.00	\$90.00	\$41,850.00	\$115.00	\$53,475.00	\$110.00	\$51,150.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	50.00	\$700.00	\$35,000.00	\$577.50	\$28,875.00	\$550.00	\$27,500.00
560.1002	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	50.00	\$700.00	\$35,000.00	\$577.50	\$28,875.00	\$550.00	\$27,500.00
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	64.00	\$775.00	\$49,800.00	\$577.50	\$36,960.00	\$520.00	\$33,280.00
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	64.00	\$775.00	\$49,800.00	\$577.50	\$36,960.00	\$520.00	\$33,280.00
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$775.00	\$60,450.00	\$577.50	\$45,045.00	\$500.00	\$39,000.00
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	75.00	\$775.00	\$58,125.00	\$577.50	\$43,312.50	\$525.00	\$39,375.00
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ FLOW PLATES (F)	LF	57.00	\$1,000.00	\$57,000.00	\$785.00	\$44,745.00	\$750.00	\$42,750.00
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ FLOW PLATES (F)	LF	52.00	\$1,000.00	\$52,000.00	\$785.00	\$40,820.00	\$750.00	\$39,000.00
562.1	SILICONE JOINT SEALANT (F)	LF	36.00	\$25.00	\$900.00	\$26.25	\$945.00	\$21.00	\$756.00
563.012	STEEL POST ASSEMBLY FOR ST RAIL	EA	18.00	\$500.00	\$9,000.00	\$575.00	\$10,350.00	\$450.00	\$8,100.00
563.22	BRIDGE RAIL T2	LF	259.00	\$135.00	\$34,965.00	\$240.00	\$62,160.00	\$220.00	\$56,960.00
563.8	RESETTING BRIDGE RAIL	LF	18.00	\$1,500.00	\$27,000.00	\$870.00	\$15,660.00	\$375.00	\$8,750.00
570.93	RECONSTRUCTING MRM HEADALL	CY	21.00	\$400.00	\$8,400.00	\$510.00	\$10,710.00	\$450.00	\$9,450.00
571.1	REPAIRING AND POINTING STONE MASONRY	SY	15.00	\$200.00	\$3,000.00	\$425.00	\$6,375.00	\$450.00	\$8,750.00
585.14	WEIR BOULDERS	CY	305.00	\$70.00	\$21,350.00	\$58.00	\$17,680.00	\$75.00	\$22,875.00
585.2	STONE FILL, CLASS B	CY	1,036.00	\$50.00	\$51,800.00	\$42.00	\$43,512.00	\$70.00	\$72,520.00
585.3	STONE FILL, CLASS C	CY	465.00	\$40.00	\$18,600.00	\$75.00	\$34,875.00	\$70.00	\$32,550.00
585.3401	SIMULATED STREAMBED MATERIAL	CY	85.00	\$60.00	\$5,100.00	\$87.00	\$5,695.00	\$90.00	\$7,650.00
593.211	GEOTEXTILE; SEPARATION CL.1, NON-WOVEN	SY	255.00	\$3.00	\$765.00	\$4.00	\$1,020.00	\$8.00	\$1,530.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	2,820.00	\$2.50	\$6,550.00	\$2.50	\$6,550.00	\$8.50	\$22,270.00
602.63515	UV CURED-IN-PLACE LINER FOR 15" PIPE	LF	260.00	\$170.00	\$44,200.00	\$210.00	\$54,600.00	\$300.00	\$78,000.00
602.63518	UV CURED-IN-PLACE LINER FOR 18" PIPE	LF	105.00	\$230.00	\$24,150.00	\$201.00	\$21,105.00	\$290.00	\$30,450.00
602.63524	UV CURED-IN-PLACE LINER FOR 24" PIPE	LF	340.00	\$235.00	\$79,900.00	\$234.00	\$79,560.00	\$265.00	\$90,100.00
602.63536	UV CURED-IN-PLACE LINER FOR 36" PIPE	LF	150.00	\$290.00	\$43,500.00	\$478.00	\$71,400.00	\$570.00	\$85,500.00
603.0001	VIDEO INSPECTION	LF	10,194.00	\$1.50	\$15,291.00	\$1.35	\$13,761.90	\$1.30	\$13,252.20
603.00312	12" R.C. PIPE; 3000D	LF	8.00	\$55.00	\$440.00	\$187.00	\$1,496.00	\$175.00	\$1,400.00
603.00315	15" R.C. PIPE; 3000D	LF	306.00	\$55.00	\$16,830.00	\$92.25	\$28,228.50	\$180.00	\$55,080.00

Item No.	Description	Unit	Quantity	P&E		WEAVER BROS. CONST. CO., INC. 1829 RTE 3A BOW, NH 03304		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-8525	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
603.00318	18" R.C. PIPE, 3000D	LF	24.00	\$65.00	\$1,560.00	\$187.00	\$4,488.00	\$185.00	\$4,440.00
603.00324	24" R.C. PIPE, 3000D	LF	48.00	\$75.00	\$3,600.00	\$197.00	\$9,456.00	\$205.00	\$9,840.00
603.00330	30" R.C. PIPE, 3000D	LF	8.00	\$100.00	\$800.00	\$225.00	\$1,800.00	\$215.00	\$1,720.00
603.00336	36" R.C. PIPE, 3000D	LF	24.00	\$120.00	\$2,880.00	\$230.00	\$5,520.00	\$230.00	\$5,520.00
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	15.00	\$285.00	\$3,975.00	\$200.00	\$3,000.00	\$300.00	\$4,500.00
603.33215	15" CORR. POLYETHYLENE END SECTION	EA	7.00	\$350.00	\$2,450.00	\$200.00	\$1,400.00	\$305.00	\$2,135.00
603.34112	12" STEEL END SECTIONS	EA	43.00	\$180.00	\$7,740.00	\$158.00	\$6,794.00	\$325.00	\$13,975.00
603.34115	15" STEEL END SECTIONS	EA	1.00	\$130.00	\$130.00	\$320.00	\$320.00	\$350.00	\$350.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	2,039.00	\$80.00	\$121,800.00	\$52.00	\$105,560.00	\$74.00	\$150,220.00
603.44215	15" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	200.00	\$70.00	\$14,000.00	\$75.00	\$15,000.00	\$77.00	\$15,400.00
603.44224	24" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	40.00	\$75.00	\$3,000.00	\$150.00	\$6,000.00	\$89.00	\$3,580.00
603.60024	LAYING/RELAYING 24" DRAINAGE PIPE	LF	48.00	\$85.00	\$3,120.00	\$170.00	\$8,160.00	\$166.00	\$7,968.00
604.0007	POLYETHYLENE LINER	EA	69.00	\$150.00	\$10,350.00	\$165.00	\$11,385.00	\$255.00	\$17,595.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	13.00	\$2,300.00	\$29,900.00	\$2,100.00	\$27,300.00	\$2,850.00	\$37,050.00
604.154	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	31.00	\$2,900.00	\$80,800.00	\$2,390.00	\$74,090.00	\$3,150.00	\$97,650.00
604.155	CATCH BASINS TYPE E, 5-FOOT DIAMETER	U	11.00	\$3,000.00	\$33,000.00	\$3,250.00	\$35,750.00	\$4,100.00	\$45,100.00
604.156	CATCH BASINS TYPE E, 6-FOOT DIAMETER	U	6.00	\$3,500.00	\$21,000.00	\$3,675.00	\$22,050.00	\$4,650.00	\$27,900.00
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	4.00	\$2,300.00	\$9,200.00	\$1,810.00	\$7,240.00	\$2,725.00	\$10,900.00
604.242	DROP INLETS TYPE D-B	U	57.00	\$1,800.00	\$91,200.00	\$1,390.00	\$79,230.00	\$2,225.00	\$126,825.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	11.00	\$450.00	\$4,950.00	\$375.00	\$4,125.00	\$470.00	\$5,170.00
604.72	GRATES & FRAMES, TYPE B	EA	11.00	\$450.00	\$4,950.00	\$540.00	\$5,940.00	\$210.00	\$2,310.00
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	12,250.00	\$17.00	\$208,250.00	\$19.50	\$238,875.00	\$30.00	\$367,500.00
605.512	12" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	5,140.00	\$22.00	\$113,080.00	\$29.50	\$151,630.00	\$37.00	\$190,180.00
605.515	15" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	2,600.00	\$28.00	\$72,800.00	\$35.50	\$92,300.00	\$53.00	\$137,800.00
605.518	18" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	980.00	\$40.00	\$39,200.00	\$50.25	\$49,245.00	\$54.00	\$52,920.00
605.79	UNDERDRAIN FLUSHING BASINS	EA	49.00	\$330.00	\$16,170.00	\$335.00	\$16,415.00	\$385.00	\$17,885.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGR, TL 3) (STEEL POST)	U	25.00	\$2,100.00	\$52,500.00	\$3,415.00	\$85,375.00	\$3,500.00	\$87,500.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	26.00	\$500.00	\$13,000.00	\$788.00	\$20,488.00	\$800.00	\$20,800.00
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	55.00	\$24.00	\$1,320.00	\$26.25	\$1,443.75	\$26.00	\$1,430.00
606.18001	31" W-BEAM GUARDRAIL WITH 6" OFFSET BLOCK (STEEL POST)	LF	41,444.00	\$19.00	\$787,436.00	\$22.00	\$911,788.00	\$21.50	\$891,046.00
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	20.00	\$1,250.00	\$25,000.00	\$1,010.00	\$20,200.00	\$800.00	\$16,000.00

Item No.	Description	Unit	Quantity	P&E		WEAVER BROS. CONST. CO., INC. 1629 RTE 3A BOW, NH 03304		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-0225	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	20.00	\$1,250.00	\$25,000.00	\$1,010.00	\$20,200.00	\$800.00	\$16,000.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,000.00	\$45.00	\$45,000.00	\$22.00	\$22,000.00	\$37.00	\$37,000.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	1,200.00	\$95.00	\$114,000.00	\$60.00	\$72,000.00	\$38.00	\$45,600.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$4,100.00	\$18,400.00	\$4,500.00	\$18,000.00	\$13,500.00	\$54,000.00
607.140	WOVEN WIRE FENCE, 4'-0" HIGH	LF	31,200.00	\$6.00	\$187,200.00	\$10.15	\$316,680.00	\$9.75	\$304,200.00
607.280	CHAIN LINK FENCE WITH ALUMINUM COATED STEEL FABRIC, 6' HIGH	LF	70.00	\$21.45	\$1,501.50	\$29.00	\$2,030.00	\$28.00	\$1,960.00
607.4260	POST ASSEMBLIES FOR CHAIN LINK FENCE, 6' HIGH	EA	8.00	\$165.00	\$1,320.00	\$235.00	\$1,880.00	\$220.00	\$1,760.00
609.21	STRAIGHT GRANITE SLOPE CURB	LF	80.00	\$20.00	\$1,600.00	\$22.00	\$1,760.00	\$17.50	\$1,400.00
609.23	CURVED GRANITE SLOPE CURB	LF	80.00	\$75.00	\$6,000.00	\$80.00	\$6,400.00	\$75.00	\$6,000.00
609.5	RESET GRANITE CURB	LF	546.00	\$9.00	\$4,914.00	\$11.25	\$6,142.50	\$8.00	\$4,368.00
609.55	RESET GRANITE CURB (BRIDGE)	LF	84.00	\$100.00	\$8,400.00	\$99.75	\$8,379.00	\$50.00	\$4,200.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	5,500.00	\$6.00	\$33,000.00	\$4.65	\$25,575.00	\$4.25	\$23,375.00
614.331	3" STEEL CONDUIT	LF	15.00	\$25.50	\$382.50	\$47.50	\$712.50	\$45.00	\$675.00
614.523	MOLDED PULL BOX 17"X30"	EA	4.00	\$410.00	\$1,640.00	\$630.00	\$2,520.00	\$600.00	\$2,400.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	20.00	\$8.50	\$170.00	\$21.00	\$420.00	\$20.00	\$400.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,565.00	\$12.00	\$18,780.00	\$31.50	\$49,297.50	\$30.00	\$46,950.00
615.01201	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS	SF	351.00	\$80.00	\$21,060.00	\$145.00	\$50,895.00	\$111.00	\$38,961.00
615.0201	TRAFFIC SIGN TYPE B	SF	32.75	\$50.00	\$1,637.50	\$195.00	\$6,386.25	\$80.00	\$2,620.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	97.50	\$118.00	\$11,505.00	\$198.00	\$19,305.00	\$165.00	\$16,087.50
615.0301	TRAFFIC SIGN TYPE C	SF	16.00	\$40.00	\$640.00	\$100.00	\$1,600.00	\$42.00	\$672.00
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	189.00	\$127.00	\$24,003.00	\$250.00	\$47,250.00	\$140.00	\$26,460.00
615.0401	TRAFFIC SIGN TYPE AA	SF	732.50	\$20.00	\$14,650.00	\$23.76	\$17,404.20	\$24.00	\$17,580.00
615.0601	TRAFFIC SIGN TYPE CC	SF	34.18	\$20.00	\$683.60	\$11.00	\$375.98	\$15.00	\$512.70
616.9501	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$10,000.00	\$10,000.00	\$5,250.00	\$5,250.00	\$5,250.00	\$5,250.00
616.9502	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$10,000.00	\$10,000.00	\$5,250.00	\$5,250.00	\$5,250.00	\$5,250.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	350,000.00	\$1.00	\$350,000.00	\$1.00	\$350,000.00	\$1.00	\$350,000.00
618.7	FLAGGERS	HR	600.00	\$25.00	\$15,000.00	\$38.50	\$23,100.00	\$35.00	\$21,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$325,000.00	\$325,000.00	\$258,000.00	\$258,000.00	\$225,000.00	\$225,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$3,500.00	\$7,000.00	\$7,500.00	\$15,000.00	\$14,000.00	\$28,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$4,000.00	\$16,000.00	\$4,000.00	\$16,000.00	\$19,000.00	\$76,000.00
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	18.00	\$900.00	\$16,200.00	\$725.00	\$13,050.00	\$700.00	\$12,600.00
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	112.00	\$645.00	\$72,240.00	\$625.00	\$70,000.00	\$600.00	\$67,200.00

Item No.	Description	Unit	Quantity	P&E		WEAVER BROS. CONST. CO., INC. 1629 RTE 3A BOW, NH 03304		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4023	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	112.00	\$865.00	\$96,880.00	\$825.00	\$92,400.00	\$800.00	\$89,600.00
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	28.00	\$1,200.00	\$33,600.00	\$1,255.00	\$35,140.00	\$1,200.00	\$33,600.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$7,500.00	\$7,500.00	\$12,500.00	\$12,500.00	\$35,000.00	\$35,000.00
619.91	RELOCATE WORK ZONE ITS DEVICE	U	6.00	\$400.00	\$2,400.00	\$265.00	\$1,590.00	\$250.00	\$1,500.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	470.00	\$4.00	\$1,880.00	\$5.25	\$2,467.50	\$5.00	\$2,350.00
621.31	SINGLE DELINEATOR WITH POST	EA	500.00	\$32.50	\$16,250.00	\$47.50	\$23,750.00	\$35.00	\$17,500.00
621.32	DOUBLE DELINEATOR WITH POST	EA	60.00	\$36.50	\$2,920.00	\$50.50	\$4,040.00	\$45.00	\$3,600.00
621.33	SINGLE DELINEATOR DOUBLE FACED WITH POST	EA	17.00	\$40.00	\$680.00	\$47.50	\$807.50	\$40.00	\$680.00
622.1	STEEL WITNESS MARKERS	EA	218.00	\$29.00	\$6,322.00	\$37.00	\$8,066.00	\$25.00	\$5,450.00
622.2	CONCRETE BOUNDS	EA	8.00	\$350.00	\$2,800.00	\$300.00	\$2,400.00	\$300.00	\$2,400.00
626.122	TRANSFORMER PAD (SINGLE PHASE)	U	2.00	\$3,500.00	\$7,000.00	\$945.00	\$1,890.00	\$1,000.00	\$2,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,100.00	\$1.25	\$1,375.00	\$2.25	\$2,475.00	\$2.00	\$2,200.00
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	1,059.00	\$5.00	\$5,295.00	\$2.25	\$2,382.75	\$2.00	\$2,118.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	473,600.00	\$0.15	\$71,040.00	\$0.17	\$80,512.00	\$0.17	\$80,512.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	2,360.00	\$0.30	\$690.00	\$0.38	\$874.00	\$0.37	\$851.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,600.00	\$1.50	\$6,900.00	\$2.50	\$11,500.00	\$3.00	\$13,800.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	2,800.00	\$1.00	\$2,800.00	\$1.55	\$4,340.00	\$1.60	\$4,480.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	4,600.00	\$2.00	\$9,200.00	\$3.75	\$17,250.00	\$3.60	\$16,560.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	120.00	\$4.00	\$480.00	\$6.50	\$780.00	\$6.30	\$756.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	20,900.00	\$0.50	\$10,450.00	\$0.75	\$15,675.00	\$0.75	\$15,675.00
645.3	EROSION STONE	TON	280.00	\$25.00	\$7,000.00	\$25.00	\$7,000.00	\$50.00	\$14,000.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	26,000.00	\$1.60	\$41,600.00	\$2.50	\$65,000.00	\$2.30	\$59,800.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	14,000.00	\$4.00	\$56,000.00	\$4.00	\$56,000.00	\$5.00	\$70,000.00
645.531	SILT FENCE	LF	26,400.00	\$2.75	\$72,600.00	\$2.50	\$66,000.00	\$3.00	\$79,200.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,000.00	\$4,000.00	\$6,100.00	\$6,100.00	\$6,000.00	\$6,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	314.00	\$45.00	\$14,130.00	\$90.00	\$28,260.00	\$85.00	\$26,690.00
646.4	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	A	5.40	\$13,250.00	\$71,550.00	\$8,300.00	\$44,820.00	\$12,000.00	\$64,800.00
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$6,250.00	\$25,000.00	\$4,500.00	\$18,000.00	\$12,500.00	\$50,000.00
670.731	BEAVER DETERRENT FENCE	U	1.00	\$4,250.00	\$4,250.00	\$5,600.00	\$5,600.00	\$6,000.00	\$6,000.00
677.1201	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$64,500.00	\$64,500.00	\$73,500.00	\$73,500.00	\$80,000.00	\$80,000.00
677.54201	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$12,000.00	\$12,000.00	\$12,100.00	\$12,100.00	\$12,000.00	\$12,000.00

Item No.	Description	Unit	Quantity	PS&E		WEAVER BROS. CONST. CO., INC. 1829 RTE 3A BOW, NH 03304		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-0025	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
677.5821	100 MBPS FIBER ETHERNET SWITCH	EA	1.00	\$2,500.00	\$2,500.00	\$2,730.00	\$2,730.00	\$3,000.00	\$3,000.00
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$8,500.00	\$8,500.00	\$8,525.00	\$8,525.00	\$8,500.00	\$8,500.00
677.6302	METER AND DISCONNECT PEDESTAL	U	1.00	\$3,800.00	\$3,800.00	\$8,300.00	\$8,300.00	\$8,500.00	\$8,500.00
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	1.00	\$3,500.00	\$3,500.00	\$3,700.00	\$3,700.00	\$4,000.00	\$4,000.00
677.9106	1-CONDUCTOR #6 AWG WIRE	LF	20.00	\$5.00	\$100.00	\$2.10	\$42.00	\$2.20	\$44.00
677.9108	1-CONDUCTOR #8 AWG WIRE	LF	1,460.00	\$4.00	\$5,840.00	\$1.05	\$1,533.00	\$1.10	\$1,606.00
677.9302	3-CONDUCTOR #2 AWG CABLE	LF	85.00	\$8.40	\$714.00	\$9.45	\$803.25	\$10.00	\$850.00
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	1,450.00	\$1.75	\$2,537.50	\$6.30	\$9,135.00	\$7.00	\$10,150.00
677.9308	3-CONDUCTOR #8 AWG CABLE	LF	10.00	\$2.25	\$22.50	\$5.25	\$52.50	\$6.00	\$60.00
692.	MOBILIZATION	U	1.00	\$900,000.00	\$900,000.00	\$825,000.00	\$825,000.00	\$1,800,000.00	\$1,800,000.00
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	1,200.00	\$1.00	\$1,200.00	\$1.00	\$1,200.00	\$1.00	\$1,200.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,500.00	\$1,500.00	\$1,950.00	\$1,950.00	\$1,000.00	\$1,000.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,000.00	\$2,000.00	\$3,300.00	\$3,300.00	\$1,500.00	\$1,500.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
698.13	FIELD OFFICE TYPE C	MON	30.00	\$1,700.00	\$51,000.00	\$2,025.00	\$60,750.00	\$1,500.00	\$45,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00
1008.31	ALTERATIONS AND ADDITIONS AS NEEDED - DRAINAGE ADJUSTMENTS	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1008.92	ALTERATIONS AND ADDITIONS AS NEEDED - WIRELESS COMMUNICATIONS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1008.942	ALTERATIONS AND ADDITIONS AS NEEDED - RWIS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	22,000.00	\$1.00	\$22,000.00	\$1.00	\$22,000.00	\$1.00	\$22,000.00
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	277,000.00	\$1.00	\$277,000.00	\$1.00	\$277,000.00	\$1.00	\$277,000.00
Totals:				\$14,441,706.20	\$14,899,945.28	\$16,547,842.22			
Alt. Totals:									
Totals:				\$14,441,706.20	\$14,899,945.28	\$16,547,842.22			



PS&E Comparison

WARNER, WARNER

40512, 42546

X-A004(422) , X-A004(902)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.01	CLEARING (F)	A	7.60	\$8,500.00	\$64,600.00	\$9,000.00	\$68,400.00	(\$3,800.00)
201.21	REMOVING SMALL TREES	EA	47.00	\$800.00	\$37,600.00	\$350.00	\$16,450.00	\$21,150.00
201.22	REMOVING LARGE TREES	EA	18.00	\$1,800.00	\$32,400.00	\$2,200.00	\$39,600.00	(\$7,200.00)
201.6	CLEARING FOR FENCE LINES (F)	A	2.20	\$20,000.00	\$44,000.00	\$5,000.00	\$11,000.00	\$33,000.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	260.00	\$1.50	\$390.00	\$7.00	\$1,820.00	(\$1,430.00)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	230.00	\$4.00	\$920.00	\$7.00	\$1,610.00	(\$690.00)
202.31	FILL ABANDONED PIPE	CY	60.00	\$280.00	\$16,800.00	\$200.00	\$12,000.00	\$4,800.00
202.7	REMOVAL OF GUARDRAIL	LF	43,100.00	\$2.75	\$118,525.00	\$1.50	\$64,650.00	\$53,875.00
202.843	REMOVAL OF LIGHT POLE	U	7.00	\$800.00	\$5,600.00	\$500.00	\$3,500.00	\$2,100.00
203.1	COMMON EXCAVATION	CY	2,550.00	\$10.10	\$25,755.00	\$13.00	\$33,150.00	(\$7,395.00)
203.11	COMMON EXCAVATION - LRS	CY	6,900.00	\$5.50	\$37,950.00	\$9.00	\$62,100.00	(\$24,150.00)
203.2	ROCK EXCAVATION	CY	100.00	\$60.00	\$6,000.00	\$25.00	\$2,500.00	\$3,500.00
203.5561	EAGRT PLATFORM PREFERRED	U	25.00	\$900.00	\$22,500.00	\$1,200.00	\$30,000.00	(\$7,500.00)
203.601	EMBANKMENT-IN-PLACE	CY	830.00	\$13.00	\$10,790.00	\$25.00	\$20,750.00	(\$9,960.00)
203.91	ROCK SCALING - HAND METHOD	HR	350.00	\$153.00	\$53,550.00	\$250.00	\$87,500.00	(\$33,950.00)

203.92	ROCK SCALING - MACHINE METHOD	HR	40.00	\$440.00	\$17,600.00	\$300.00	\$12,000.00	\$5,600.00
206.1	COMMON STRUCTURE EXCAVATION	CY	1,718.00	\$18.75	\$32,212.50	\$19.00	\$32,642.00	(\$429.50)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$80.00	\$1,600.00	\$70.00	\$1,400.00	\$200.00
206.2	ROCK STRUCTURE EXCAVATION	CY	40.00	\$100.00	\$4,000.00	\$100.00	\$4,000.00	\$0.00
214.	FINE GRADING	U	1.00	\$185,000.00	\$185,000.00	\$243,190.00	\$243,190.00	(\$58,190.00)
225.2	PRESTRESSED ROCK BOLTS	LF	420.00	\$130.00	\$54,600.00	\$180.00	\$75,600.00	(\$21,000.00)
225.3	ROCK DOWELS (UNTENSIONED ROCK BOLT)	LF	75.00	\$128.00	\$9,600.00	\$100.00	\$7,500.00	\$2,100.00
304.301	CRUSHED GRAVEL	CY	122.00	\$75.00	\$9,150.00	\$50.00	\$6,100.00	\$3,050.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	250.00	\$21.50	\$5,375.00	\$30.00	\$7,500.00	(\$2,125.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,000.00	\$11.50	\$34,500.00	\$23.00	\$69,000.00	(\$34,500.00)
306.212	RECLAIMED STABILIZED BASE REMOVED AND REHANDLED 12 IN DEEP (F)	SY	179,800.00	\$2.10	\$377,580.00	\$1.50	\$269,700.00	\$107,880.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	82,500.00	\$67.50	\$5,568,750.00	\$65.00	\$5,362,500.00	\$206,250.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	1,740.00	\$75.00	\$130,500.00	\$90.00	\$156,600.00	(\$26,100.00)
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,800.00	\$88.00	\$158,400.00	\$90.00	\$162,000.00	(\$3,600.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	126.30	\$115.00	\$14,524.50	\$107.00	\$13,514.10	\$1,010.40
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	86,100.00	\$1.10	\$94,710.00	\$1.25	\$107,625.00	(\$12,915.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	281,500.00	\$0.26	\$73,190.00	\$0.23	\$64,745.00	\$8,445.00
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	4,335.00	\$0.55	\$2,384.25	\$1.00	\$4,335.00	(\$1,950.75)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	6,000.00	\$3.65	\$21,900.00	\$4.00	\$24,000.00	(\$2,100.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	196,000.00	\$1.60	\$313,600.00	\$1.50	\$294,000.00	\$19,600.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	72,000.00	\$0.29	\$20,880.00	\$0.29	\$20,880.00	\$0.00
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$55,650.00	\$55,650.00	\$57,082.50	\$57,082.50	(\$1,432.50)
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$64,050.00	\$64,050.00	\$57,082.50	\$57,082.50	\$6,967.50

502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$42,000.00	\$42,000.00	\$57,082.50	\$57,082.50	(\$15,082.50)
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$42,000.00	\$42,000.00	\$57,082.50	\$57,082.50	(\$15,082.50)
502.105	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$47,250.00	\$47,250.00	\$57,082.50	\$57,082.50	(\$9,832.50)
502.106	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$47,250.00	\$47,250.00	\$57,082.50	\$57,082.50	(\$9,832.50)
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	(\$3,500.00)
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	(\$1,500.00)
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$5,000.00
503.104	WATER DIVERSION STRUCTURE	U	1.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$5,000.00
503.105	WATER DIVERSION STRUCTURE	U	1.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	(\$3,500.00)
503.106	WATER DIVERSION STRUCTURE	U	1.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	(\$2,500.00)
503.107	WATER DIVERSION STRUCTURE	U	1.00	\$20,400.00	\$20,400.00	\$18,000.00	\$18,000.00	\$2,400.00
503.108	WATER DIVERSION STRUCTURE	U	1.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	(\$3,500.00)
503.109	WATER DIVERSION STRUCTURE	U	1.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	(\$3,500.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	163.00	\$34.00	\$5,542.00	\$50.00	\$8,150.00	(\$2,608.00)
520.01	CONCRETE CLASS AA	CY	1.80	\$1,470.00	\$2,646.00	\$800.00	\$1,440.00	\$1,206.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	114.00	\$1,575.00	\$179,550.00	\$1,500.00	\$171,000.00	\$8,550.00
520.1	CONCRETE CLASS A	CY	57.00	\$1,090.00	\$62,130.00	\$900.00	\$51,300.00	\$10,830.00
521.1	SHOTCRETE LINER (F)	SF	3,500.00	\$74.00	\$259,000.00	\$37.00	\$129,500.00	\$129,500.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	144.00	\$78.75	\$11,340.00	\$100.00	\$14,400.00	(\$3,060.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	177.00	\$42.00	\$7,434.00	\$50.00	\$8,850.00	(\$1,416.00)
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	162.00	\$152.25	\$24,664.50	\$30.00	\$4,860.00	\$19,804.50
540.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	477.00	\$42.00	\$20,034.00	\$50.00	\$23,850.00	(\$3,816.00)
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	227.00	\$9.45	\$2,145.15	\$10.00	\$2,270.00	(\$124.85)

544.	REINFORCING STEEL (F)	LB	10,649.00	\$4.25	\$45,258.25	\$2.00	\$21,298.00	\$23,960.25
544.11	REINFORCING STEEL- MECHANICAL CONNECTORS (F)	LB	516.00	\$5.35	\$2,760.60	\$5.00	\$2,580.00	\$180.60
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	733.00	\$3.45	\$2,528.85	\$4.00	\$2,932.00	(\$403.15)
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	36.00	\$7.60	\$273.60	\$10.00	\$360.00	(\$86.40)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	465.00	\$115.00	\$53,475.00	\$90.00	\$41,850.00	\$11,625.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	50.00	\$577.50	\$28,875.00	\$700.00	\$35,000.00	(\$6,125.00)
560.1002	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	50.00	\$577.50	\$28,875.00	\$700.00	\$35,000.00	(\$6,125.00)
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	64.00	\$577.50	\$36,960.00	\$775.00	\$49,600.00	(\$12,640.00)
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	64.00	\$577.50	\$36,960.00	\$775.00	\$49,600.00	(\$12,640.00)
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$577.50	\$45,045.00	\$775.00	\$60,450.00	(\$15,405.00)
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	75.00	\$577.50	\$43,312.50	\$775.00	\$58,125.00	(\$14,812.50)
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	57.00	\$785.00	\$44,745.00	\$1,000.00	\$57,000.00	(\$12,255.00)
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	52.00	\$785.00	\$40,820.00	\$1,000.00	\$52,000.00	(\$11,180.00)
562.1	SILICONE JOINT SEALANT (F)	LF	36.00	\$26.25	\$945.00	\$25.00	\$900.00	\$45.00
563.012	STEEL POST ASSEMBLY FOR ST RAIL	EA	18.00	\$575.00	\$10,350.00	\$500.00	\$9,000.00	\$1,350.00
563.22	BRIDGE RAIL T2	LF	259.00	\$240.00	\$62,160.00	\$135.00	\$34,965.00	\$27,195.00
563.8	RESETTING BRIDGE RAIL	LF	18.00	\$870.00	\$15,660.00	\$1,500.00	\$27,000.00	(\$11,340.00)
570.93	RECONSTRUCTING MRM HEADALL	CY	21.00	\$510.00	\$10,710.00	\$400.00	\$8,400.00	\$2,310.00
571.1	REPAIRING AND POINTING STONE MASONRY	SY	15.00	\$425.00	\$6,375.00	\$200.00	\$3,000.00	\$3,375.00
585.14	WEIR BOULDERS	CY	305.00	\$56.00	\$17,080.00	\$70.00	\$21,350.00	(\$4,270.00)
585.2	STONE FILL, CLASS B	CY	1,036.00	\$42.00	\$43,512.00	\$50.00	\$51,800.00	(\$8,288.00)
585.3	STONE FILL, CLASS C	CY	465.00	\$75.00	\$34,875.00	\$40.00	\$18,600.00	\$16,275.00

585.3401	SIMULATED STREAMBED MATERIAL	CY	85.00	\$67.00	\$5,695.00	\$60.00	\$5,100.00	\$595.00
593.211	GEOTEXTILE; SEPARATION CL.1. NON-WOVEN	SY	255.00	\$4.00	\$1,020.00	\$3.00	\$765.00	\$255.00
593.411	GEOTEXTILE; PERM CONTROL CL.1. NON-WOVEN	SY	2,620.00	\$2.50	\$6,550.00	\$2.50	\$6,550.00	\$0.00
602.63515	UV CURED-IN-PLACE LINER FOR 15" PIPE	LF	260.00	\$210.00	\$54,600.00	\$170.00	\$44,200.00	\$10,400.00
602.63518	UV CURED-IN-PLACE LINER FOR 18" PIPE	LF	105.00	\$201.00	\$21,105.00	\$230.00	\$24,150.00	(\$3,045.00)
602.63524	UV CURED-IN-PLACE LINER FOR 24" PIPE	LF	340.00	\$234.00	\$79,560.00	\$235.00	\$79,900.00	(\$340.00)
602.63536	UV CURED-IN-PLACE LINER FOR 36" PIPE	LF	150.00	\$476.00	\$71,400.00	\$290.00	\$43,500.00	\$27,900.00
603.0001	VIDEO INSPECTION	LF	10,194.00	\$1.35	\$13,761.90	\$1.50	\$15,291.00	(\$1,529.10)
603.00312	12" R.C. PIPE, 3000D	LF	8.00	\$187.00	\$1,496.00	\$55.00	\$440.00	\$1,056.00
603.00315	15" R.C. PIPE, 3000D	LF	306.00	\$92.25	\$28,228.50	\$55.00	\$16,830.00	\$11,398.50
603.00318	18" R.C. PIPE, 3000D	LF	24.00	\$187.00	\$4,488.00	\$65.00	\$1,560.00	\$2,928.00
603.00324	24" R.C. PIPE, 3000D	LF	48.00	\$197.00	\$9,456.00	\$75.00	\$3,600.00	\$5,856.00
603.00330	30" R.C. PIPE, 3000D	LF	8.00	\$225.00	\$1,800.00	\$100.00	\$800.00	\$1,000.00
603.00336	36" R.C. PIPE, 3000D	LF	24.00	\$230.00	\$5,520.00	\$120.00	\$2,880.00	\$2,640.00
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	15.00	\$200.00	\$3,000.00	\$265.00	\$3,975.00	(\$975.00)
603.33215	15" CORR. POLYETHYLENE END SECTION	EA	7.00	\$200.00	\$1,400.00	\$350.00	\$2,450.00	(\$1,050.00)
603.34112	12" STEEL END SECTIONS	EA	43.00	\$158.00	\$6,794.00	\$180.00	\$7,740.00	(\$946.00)
603.34115	15" STEEL END SECTIONS	EA	1.00	\$320.00	\$320.00	\$130.00	\$130.00	\$190.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	2,030.00	\$52.00	\$105,560.00	\$60.00	\$121,800.00	(\$16,240.00)
603.44215	15" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	200.00	\$75.00	\$15,000.00	\$70.00	\$14,000.00	\$1,000.00
603.44224	24" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	40.00	\$150.00	\$6,000.00	\$75.00	\$3,000.00	\$3,000.00
603.60024	LAYING/RELAYING 24" DRAINAGE PIPE	LF	48.00	\$170.00	\$8,160.00	\$65.00	\$3,120.00	\$5,040.00
604.0007	POLYETHYLENE LINER	EA	69.00	\$165.00	\$11,385.00	\$150.00	\$10,350.00	\$1,035.00

604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	13.00	\$2,100.00	\$27,300.00	\$2,300.00	\$29,900.00	(\$2,600.00)
604.154	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	31.00	\$2,390.00	\$74,090.00	\$2,600.00	\$80,600.00	(\$6,510.00)
604.155	CATCH BASINS TYPE E, 5-FOOT DIAMETER	U	11.00	\$3,250.00	\$35,750.00	\$3,000.00	\$33,000.00	\$2,750.00
604.156	CATCH BASINS TYPE E, 6-FOOT DIAMETER	U	6.00	\$3,675.00	\$22,050.00	\$3,500.00	\$21,000.00	\$1,050.00
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	4.00	\$1,810.00	\$7,240.00	\$2,300.00	\$9,200.00	(\$1,960.00)
604.242	DROP INLETS TYPE D-B	U	57.00	\$1,390.00	\$79,230.00	\$1,600.00	\$91,200.00	(\$11,970.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	11.00	\$375.00	\$4,125.00	\$450.00	\$4,950.00	(\$825.00)
604.72	GRATES & FRAMES, TYPE B	EA	11.00	\$540.00	\$5,940.00	\$450.00	\$4,950.00	\$990.00
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	12,250.00	\$19.50	\$238,875.00	\$17.00	\$208,250.00	\$30,625.00
605.512	12" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	5,140.00	\$29.50	\$151,630.00	\$22.00	\$113,080.00	\$38,550.00
605.515	15" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	2,600.00	\$35.50	\$92,300.00	\$28.00	\$72,800.00	\$19,500.00
605.518	18" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	980.00	\$50.25	\$49,245.00	\$40.00	\$39,200.00	\$10,045.00
605.79	UNDERDRAIN FLUSHING BASINS	EA	49.00	\$335.00	\$16,415.00	\$330.00	\$16,170.00	\$245.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	25.00	\$3,415.00	\$85,375.00	\$2,100.00	\$52,500.00	\$32,875.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	26.00	\$788.00	\$20,488.00	\$500.00	\$13,000.00	\$7,488.00
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	55.00	\$26.25	\$1,443.75	\$24.00	\$1,320.00	\$123.75
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	41,444.00	\$22.00	\$911,768.00	\$19.00	\$787,436.00	\$124,332.00
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	20.00	\$1,010.00	\$20,200.00	\$1,250.00	\$25,000.00	(\$4,800.00)
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	20.00	\$1,010.00	\$20,200.00	\$1,250.00	\$25,000.00	(\$4,800.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,000.00	\$22.00	\$22,000.00	\$45.00	\$45,000.00	(\$23,000.00)
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	1,200.00	\$60.00	\$72,000.00	\$95.00	\$114,000.00	(\$42,000.00)

606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$4,500.00	\$18,000.00	\$4,100.00	\$16,400.00	\$1,600.00
607.140	WOVEN WIRE FENCE, 4'-0" HIGH	LF	31,200.00	\$10.15	\$316,680.00	\$6.00	\$187,200.00	\$129,480.00
607.260	CHAIN LINK FENCE WITH ALUMINUM COATED STEEL FABRIC, 6' HIGH	LF	70.00	\$29.00	\$2,030.00	\$21.45	\$1,501.50	\$528.50
607.4260	POST ASSEMBLIES FOR CHAIN LINK FENCE, 6' HIGH	EA	8.00	\$235.00	\$1,880.00	\$165.00	\$1,320.00	\$560.00
609.21	STRAIGHT GRANITE SLOPE CURB	LF	80.00	\$22.00	\$1,760.00	\$20.00	\$1,600.00	\$160.00
609.23	CURVED GRANITE SLOPE CURB	LF	80.00	\$80.00	\$6,400.00	\$75.00	\$6,000.00	\$400.00
609.5	RESET GRANITE CURB	LF	546.00	\$11.25	\$6,142.50	\$9.00	\$4,914.00	\$1,228.50
609.55	RESET GRANITE CURB (BRIDGE)	LF	84.00	\$99.75	\$8,379.00	\$100.00	\$8,400.00	(\$21.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	5,500.00	\$4.65	\$25,575.00	\$6.00	\$33,000.00	(\$7,425.00)
614.331	3" STEEL CONDUIT	LF	15.00	\$47.50	\$712.50	\$25.50	\$382.50	\$330.00
614.523	MOLDED PULL BOX 17"X30"	EA	4.00	\$630.00	\$2,520.00	\$410.00	\$1,640.00	\$880.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	20.00	\$21.00	\$420.00	\$8.50	\$170.00	\$250.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,565.00	\$31.50	\$49,297.50	\$12.00	\$18,780.00	\$30,517.50
615.01201	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS	SF	351.00	\$145.00	\$50,895.00	\$60.00	\$21,060.00	\$29,835.00
615.0201	TRAFFIC SIGN TYPE B	SF	32.75	\$195.00	\$6,386.25	\$50.00	\$1,637.50	\$4,748.75
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	97.50	\$198.00	\$19,305.00	\$118.00	\$11,505.00	\$7,800.00
615.0301	TRAFFIC SIGN TYPE C	SF	16.00	\$100.00	\$1,600.00	\$40.00	\$640.00	\$960.00
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	189.00	\$250.00	\$47,250.00	\$127.00	\$24,003.00	\$23,247.00
615.0401	TRAFFIC SIGN TYPE AA	SF	732.50	\$23.76	\$17,404.20	\$20.00	\$14,650.00	\$2,754.20
615.0601	TRAFFIC SIGN TYPE CC	SF	34.18	\$11.00	\$375.98	\$20.00	\$683.60	(\$307.62)
616.9501	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$5,250.00	\$5,250.00	\$10,000.00	\$10,000.00	(\$4,750.00)
616.9502	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$5,250.00	\$5,250.00	\$10,000.00	\$10,000.00	(\$4,750.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	350,000.00	\$1.00	\$350,000.00	\$1.00	\$350,000.00	\$0.00

618.7	FLAGGERS	HR	600.00	\$38.50	\$23,100.00	\$25.00	\$15,000.00	\$8,100.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$258,000.00	\$258,000.00	\$325,000.00	\$325,000.00	(\$67,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$7,500.00	\$15,000.00	\$3,500.00	\$7,000.00	\$8,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$4,000.00	\$16,000.00	\$4,000.00	\$16,000.00	\$0.00
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	18.00	\$725.00	\$13,050.00	\$900.00	\$16,200.00	(\$3,150.00)
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	112.00	\$625.00	\$70,000.00	\$645.00	\$72,240.00	(\$2,240.00)
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	112.00	\$825.00	\$92,400.00	\$865.00	\$96,880.00	(\$4,480.00)
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	28.00	\$1,255.00	\$35,140.00	\$1,200.00	\$33,600.00	\$1,540.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$12,500.00	\$12,500.00	\$7,500.00	\$7,500.00	\$5,000.00
619.91	RELOCATE WORK ZONE ITS DEVICE	U	6.00	\$265.00	\$1,590.00	\$400.00	\$2,400.00	(\$810.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	470.00	\$5.25	\$2,467.50	\$4.00	\$1,880.00	\$587.50
621.31	SINGLE DELINEATOR WITH POST	EA	500.00	\$47.50	\$23,750.00	\$32.50	\$16,250.00	\$7,500.00
621.32	DOUBLE DELINEATOR WITH POST	EA	80.00	\$50.50	\$4,040.00	\$36.50	\$2,920.00	\$1,120.00
621.33	SINGLE DELINEATOR DOUBLE FACED WITH POST	EA	17.00	\$47.50	\$807.50	\$40.00	\$680.00	\$127.50
622.1	STEEL WITNESS MARKERS	EA	218.00	\$37.00	\$8,066.00	\$29.00	\$6,322.00	\$1,744.00
622.2	CONCRETE BOUNDS	EA	8.00	\$300.00	\$2,400.00	\$350.00	\$2,800.00	(\$400.00)
626.122	TRANSFORMER PAD (SINGLE PHASE)	U	2.00	\$945.00	\$1,890.00	\$3,500.00	\$7,000.00	(\$5,110.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,100.00	\$2.25	\$2,475.00	\$1.25	\$1,375.00	\$1,100.00
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	1,059.00	\$2.25	\$2,382.75	\$5.00	\$5,295.00	(\$2,912.25)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	473,600.00	\$0.17	\$80,512.00	\$0.15	\$71,040.00	\$9,472.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	2,300.00	\$0.38	\$874.00	\$0.30	\$690.00	\$184.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,600.00	\$2.50	\$11,500.00	\$1.50	\$6,900.00	\$4,600.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	2,800.00	\$1.55	\$4,340.00	\$1.00	\$2,800.00	\$1,540.00

632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	4,600.00	\$3.75	\$17,250.00	\$2.00	\$9,200.00	\$8,050.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	120.00	\$6.50	\$780.00	\$4.00	\$480.00	\$300.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	20,900.00	\$0.75	\$15,675.00	\$0.50	\$10,450.00	\$5,225.00
645.3	EROSION STONE	TON	280.00	\$25.00	\$7,000.00	\$25.00	\$7,000.00	\$0.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	26,000.00	\$2.50	\$65,000.00	\$1.60	\$41,600.00	\$23,400.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	14,000.00	\$4.00	\$56,000.00	\$4.00	\$56,000.00	\$0.00
645.531	SILT FENCE	LF	26,400.00	\$2.50	\$66,000.00	\$2.75	\$72,600.00	(\$6,600.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$6,100.00	\$6,100.00	\$4,000.00	\$4,000.00	\$2,100.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	314.00	\$90.00	\$28,260.00	\$45.00	\$14,130.00	\$14,130.00
646.4	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	A	5.40	\$8,300.00	\$44,820.00	\$13,250.00	\$71,550.00	(\$26,730.00)
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$4,500.00	\$18,000.00	\$6,250.00	\$25,000.00	(\$7,000.00)
670.731	BEAVER DETERRENT FENCE	U	1.00	\$5,600.00	\$5,600.00	\$4,250.00	\$4,250.00	\$1,350.00
677.1201	PERMANENT FIXED LOCATION DYNAMIC MESSAGE SIGN (DMS)	U	1.00	\$73,500.00	\$73,500.00	\$64,500.00	\$64,500.00	\$9,000.00
677.54201	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$12,100.00	\$12,100.00	\$12,000.00	\$12,000.00	\$100.00
677.5821	100 MBPS FIBER ETHERNET SWITCH	EA	1.00	\$2,730.00	\$2,730.00	\$2,500.00	\$2,500.00	\$230.00
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$6,525.00	\$6,525.00	\$6,500.00	\$6,500.00	\$25.00
677.6302	METER AND DISCONNECT PEDESTAL	U	1.00	\$6,300.00	\$6,300.00	\$3,800.00	\$3,800.00	\$2,500.00
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	1.00	\$3,700.00	\$3,700.00	\$3,500.00	\$3,500.00	\$200.00
677.9106	1-CONDUCTOR #6 AWG WIRE	LF	20.00	\$2.10	\$42.00	\$5.00	\$100.00	(\$58.00)
677.9108	1-CONDUCTOR #8 AWG WIRE	LF	1,460.00	\$1.05	\$1,533.00	\$4.00	\$5,840.00	(\$4,307.00)
677.9302	3-CONDUCTOR #2 AWG CABLE	LF	85.00	\$9.45	\$803.25	\$8.40	\$714.00	\$89.25
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	1,450.00	\$6.30	\$9,135.00	\$1.75	\$2,537.50	\$6,597.50

677.9308	3-CONDUCTOR #8 AWG CABLE	LF	10.00	\$5.25	\$52.50	\$2.25	\$22.50	\$30.00
692.	MOBILIZATION	U	1.00	\$625,000.00	\$625,000.00	\$900,000.00	\$900,000.00	(\$275,000.00)
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	1,200.00	\$1.00	\$1,200.00	\$1.00	\$1,200.00	\$0.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,950.00	\$1,950.00	\$1,500.00	\$1,500.00	\$450.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,300.00	\$3,300.00	\$2,000.00	\$2,000.00	\$1,300.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	(\$3,000.00)
698.13	FIELD OFFICE TYPE C	MON	30.00	\$2,025.00	\$60,750.00	\$1,700.00	\$51,000.00	\$9,750.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$0.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$0.00
1008.31	ALTERATIONS AND ADDITIONS AS NEEDED - DRAINAGE ADJUSTMENTS	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1008.92	ALTERATIONS AND ADDITIONS AS NEEDED - WIRELESS COMMUNICATIONS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1008.942	ALTERATIONS AND ADDITIONS AS NEEDED - RWIS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	22,000.00	\$1.00	\$22,000.00	\$1.00	\$22,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	277,000.00	\$1.00	\$277,000.00	\$1.00	\$277,000.00	\$0.00

Total:

\$14,899,945.28

\$14,441,706.20

\$458,239.08

April 29, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION:

Warner 40512

This project is located on Interstate 89, beginning just south of Exit 8 (mile marker 16.6) and continuing approximately 4 miles to just north of Exit 9 (mile marker 20.5). The project will include pavement rehabilitation of I-89 northbound and southbound and rehabilitating all of the ramps at Exit 8 and Exit 9. Other work includes drainage, guardrail, signage, rock slope work, and striping improvements.

Warner 42546

This project is located within the road segment described above. It involves the repairing the bridge joints at 10 bridge locations, and will be done concurrently with Warner 40512.

FEDERAL FUNDING:

40512: 80% (Paving-Tier 1 Rehab) utilizing Turnpike Toll Credits as the State's 20%

42546: 80% (Bridge-Tier 1/2 Maintenance and Preservation) utilizing Turnpike Toll Credits as the State's 20%

CONTINGENCY: The proposed contingency amount is 4% of the contract amount. This is to account for the risks associated with the limited survey information which will likely result in field adjustments to the proposed work, complex traffic control due to high traffic volumes and long duration lane closures for reclaim work, erosion control required for impacts to the extensive wetland system and the Warner River, and multiple seasons of construction.

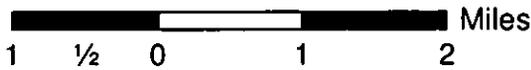
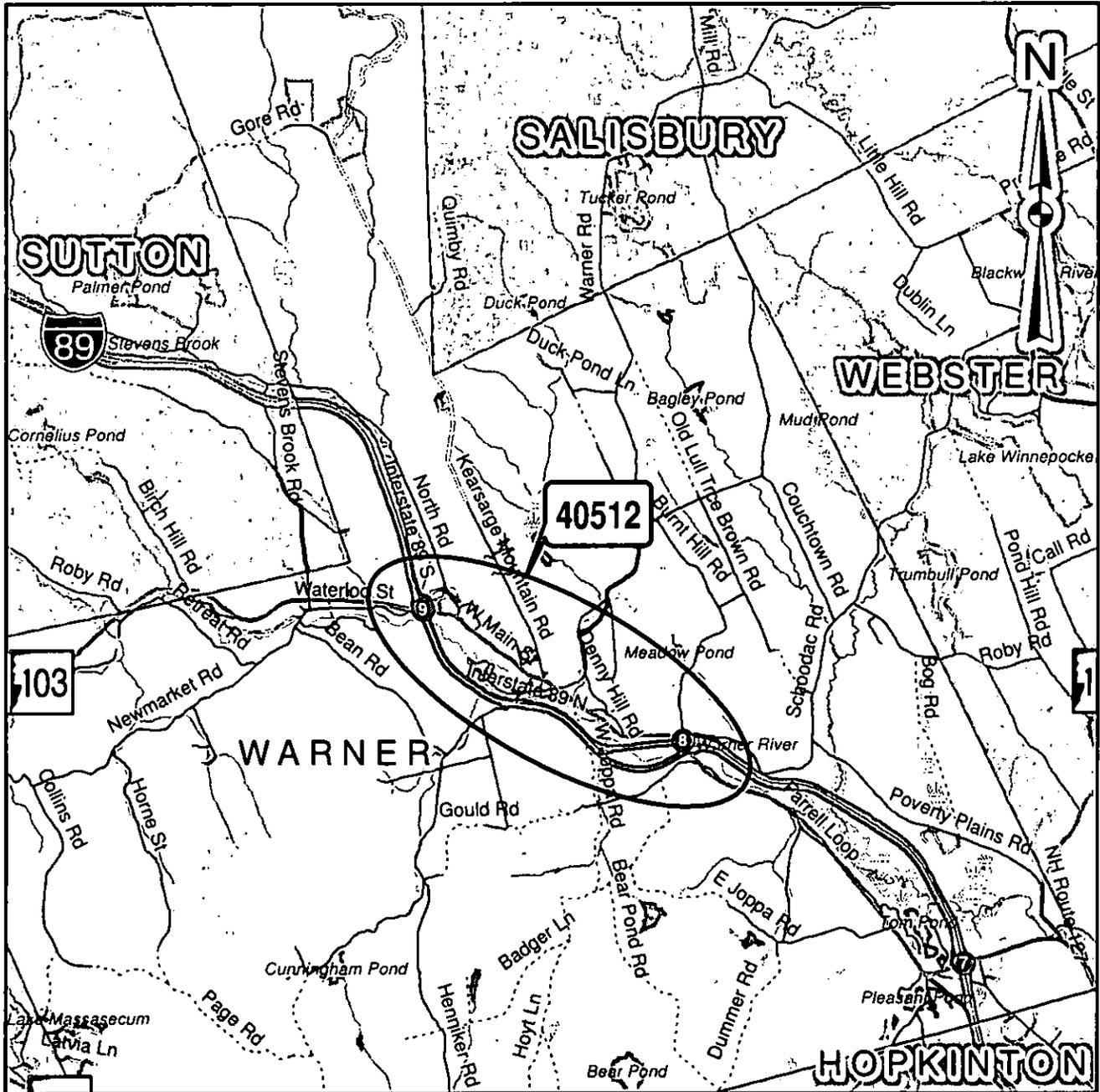
PROJECT INITIATED: State's Ten Year Plan

PROJECT EXPLANATION: The project is needed to rehabilitate the existing pavement; replace or rehabilitate aged drainage, guardrail and signs; repair bridge joints; and improve safety to extend the service life of this section of the interstate and eliminate the need for more costly short-term improvements.

TRAFFIC IMPLICATION: The project (40512) was designated as "Significant Level 2" by the Traffic Control Committee on June 20, 2018. Construction is expected to occur between the summer of 2019 and summer of 2021. Traffic on I-89 will be maintained in one lane through the work zone for reclaim/reconstruction efforts and bridge work at a reduced speed of 55 mph. Lane closures on I-89 will not be permitted during peak times (Fridays and Sundays, July – August). A smart workzone will be implemented to notify motorists of queuing. The Exit 8 SB on-ramp will be closed for up to 12 weeks and require a detour along NH 103 east to Exit 7. The Exit 8 NB off-ramp will be closed for up to 5 days and require a detour via Exit 7 and/or Exit 9. All ramps at Exit 9 will be closed for up to 5 nights each (none at the same time), require detours along NH 103 and via other I-89 exits, and be re-opened at the end of the work day.

COMPLETION DATE: October 15, 2021

WARNER - INTERSTATE 89



LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 40512
 Federal #: X-A004 (422)
LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/4/2019

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

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must 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).

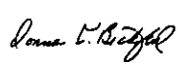
PRODUCER THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Donna Bickford PHONE (A/C, No, Ext): (603) 224-2562 E-MAIL ADDRESS: dbickford@rowleyagency.com	FAX (A/C, No): (603) 224-8012
	INSURER(S) AFFORDING COVERAGE	
INSURED State of NH-Dept. of Transportation c/o Weaver Brothers Construction Co., Inc. 1629 Rte. 3A Bow NH 03304	INSURER A: Acadia Insurance Company NAIC # 31325	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

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

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADOL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY			OCPB196413732	6/3/2019	4/3/2022	EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors Protec						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						MED EXP (Any one person) \$
	AUTOMOBILE LIABILITY						PERSONAL & ADV INJURY \$
	<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						GENERAL AGGREGATE \$ 3,000,000
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						PRODUCTS - COMP/OP AGG \$
	<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE						\$
	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				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER 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)
 Warner X-A004(422), X-A004(902), 40512, 42546

CERTIFICATE HOLDER State of NH-Department of Transportation PO Box 483 Concord, NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Donna Bickford/DTB 

© 1988-2014 ACORD CORPORATION. All rights reserved.