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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 October 26, 2021

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Weaver Brothers Construction Co., Inc. (Vendor 154074) of Bow, NH, on the basis of a low bid of \$4,872,068.71 for roadway and bridge reconstruction, from the date of Governor and Council approval through October 20, 2023, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2022 and 2023, and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2024 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Table with 4 columns: Funding is available as follows, FY 2022, FY 2023, FY 2024. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$2,065,757.10 \$2,104,733.64 \$701,577.97

2. Further authorize that a contingency in the amount of \$341,044.81 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 7% of the contract amount.

Table with 2 columns: Funding is available as follows, FY 2024. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$341,044.81

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan. This project involves approximately 0.41 miles of roadway and bridge reconstruction along US 4 in Danbury, starting approximately 1075 L.F. south of the existing bridge and extending to approximately 800 L.F. north of the Spear Hill Road intersection. The work includes full box reconstruction (12 ft. travel lanes and 5 ft. shoulders) with an improved roadway alignment (to the west of the existing bridge crossing), including a new IB-C (I-Beams w/Concrete Deck) bridge crossing over the Northern Rail Trail. The project includes improvements to the Spear Hill Road intersection, matching into the proposed roadway layout. Additionally, the project work will also include drainage upgrades, limited underdrain installation, and the construction of two water treatment swales to address water quality needs.

The project corrects structural and safety deficiencies associated with the red-listed bridge (Br. No. 156/104) while continuing to accommodate the multimodal use of the Northern Rail Trail. The associated approach construction improves the substandard horizontal and vertical alignment of the roadway approaches and provides 12 ft. travel lanes and 5 ft. paved shoulders to improve safety for all users along this segment of roadway. The geometric improvements also address the Spear Hill Road intersection, which provides for a more formalized layout with improved sight distance conditions.

The proposed contingency amount is 7% of the contract amount. This is to account for additional costs associated with addressing an unknown quantity of concrete debris and bridge piles remaining from prior bridge rehabilitation work, within the proposed bridge and roadway footprint.

Although the bid costs exceeded the Department's estimate by 6.77% the low bid of 3 bids received is felt to be reasonable for the work involved. Six items of significance accounted for 100% of the overage (cofferdams (2), bridge excavation, rebar, structural steel, and mobilization). Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

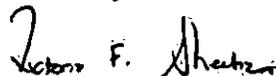
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure.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

This project funding is: 80% Federal (Program: Non-Bridge and Bridge-T1-2-Rehab-Rcn) with anticipated utilization of Turnpike Toll Credits for 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.

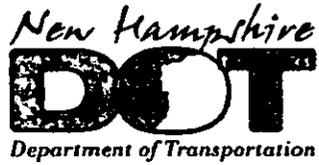
Sincerely,



Victoria F. Sheehan  
Commissioner

VFS/pcj

Department Estimate: \$4,563,181.90  
Contract Amount: \$4,872,068.71  
Over Estimate: \$ 308,886.81  
Attachments



# ABC Bid Data

DANBURY  
16303  
X-A001(230)

PROJECT: DANBURY  
STATE PROJECT NUMBER: 16303  
FED. PROJECT NUMBER: X-A001(230)  
DATE BIDS OPEN: October 21, 2021, 2:00  
SCOPE OF WORK: REPLACE RED LIST BRIDGE CARRYING US 4 OVER NHRR - 156/104  
COMPLETION DATE: October 20, 2023  
LOCATION: Merrimack, District 2

Awarded To: WEAVER BROS. CONST. CO.,  
INC.  
1629 RTE 3A  
BOW, NH 03304  
Amount: \$4,872,068.71  
Award Date:

Certified by: PETER.E.STAMNAS  
Director of Project Development

## Summary of Bidders

| Contractor   | Bid Amount     | Rank |
|--|----------------|------|
| WEAVER BROS. CONST. CO., INC.<br>- 1629 RTE 3A, BOW NH 03304             | \$4,872,068.71 | A    |
| PIPER, R. M. INC.<br>PO BOX 490, PLYMOUTH NH 03264                       | \$4,873,271.25 | B    |
| NORTHEAST EARTH MECHANICS INC<br>159 BARNSTEAD ROAD, PITTSFIELD NH 03263 | \$5,785,958.15 | C    |



# ABC Bid Data

DANBURY

16303

X-A001(230)

| Item No. | Description | Unit | Quantity | P&E        |       | WEAVER BROS. CONST. CO., INC.<br>1629 RTE 3A<br>DOW, NH 03304 |       | PIPER, R. M. INC.<br>PO BOX 496<br>PLYMOUTH, NH 03264 |       |
|----------|-------------|------|----------|------------|-------|---|-------|---|-------|
|          |             |      |          | Unit Price | Total | Unit Price  | Total | Unit Price  | Total |

**Items**

|           |   |    |           |             |              |             |              |             |              |
|-----------|---|----|-----------|-------------|--------------|-------------|--------------|-------------|--------------|
| 201.1     | CLEARING AND GRUBBING (F)                                   | A  | 2.07      | \$8,800.00  | \$18,216.00  | \$15,000.00 | \$31,050.00  | \$12,000.00 | \$24,840.00  |
| 201.21    | REMOVING SMALL TREES  | EA | 13.00     | \$525.00    | \$6,825.00   | \$125.00    | \$1,625.00   | \$1,000.00  | \$13,000.00  |
| 202.31    | FILL ABANDONED PIPE   | CY | 7.00      | \$348.81    | \$2,441.67   | \$300.00    | \$2,100.00   | \$350.00    | \$2,450.00   |
| 202.41    | REMOVAL OF EXISTING PIPE 0-24" DIAMETER                     | LF | 320.00    | \$15.81     | \$5,059.20   | \$20.00     | \$6,400.00   | \$22.00     | \$7,040.00   |
| 202.5     | REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES          | EA | 1.00      | \$353.00    | \$353.00     | \$300.00    | \$300.00     | \$300.00    | \$300.00     |
| 202.7     | REMOVAL OF GUARDRAIL  | LF | 1,050.00  | \$5.00      | \$5,250.00   | \$3.25      | \$3,412.50   | \$2.00      | \$2,100.00   |
| 202.97    | CONCRETE RUBBLE PROCESSING                                  | CY | 200.00    | \$25.00     | \$5,000.00   | \$43.00     | \$8,600.00   | \$40.00     | \$8,000.00   |
| 203.1     | COMMON EXCAVATION   | CY | 6,450.00  | \$10.00     | \$64,500.00  | \$8.75      | \$56,437.50  | \$9.25      | \$59,662.50  |
| 203.11    | COMMON EXCAVATION - LRS                                     | CY | 2,350.00  | \$14.00     | \$32,900.00  | \$9.00      | \$21,150.00  | \$15.00     | \$35,250.00  |
| 203.2     | ROCK EXCAVATION   | CY | 25.00     | \$50.00     | \$1,250.00   | \$125.00    | \$3,125.00   | \$75.00     | \$1,875.00   |
| 203.3     | UNCLASSIFIED EXCAVATION                                     | CY | 920.00    | \$20.00     | \$18,400.00  | \$10.25     | \$9,430.00   | \$12.00     | \$11,040.00  |
| 203.4     | MUCK EXCAVATION   | CY | 310.00    | \$15.00     | \$4,650.00   | \$15.00     | \$4,650.00   | \$12.00     | \$3,720.00   |
| 203.5525  | PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM                   | U  | 6.00      | \$1,000.00  | \$5,000.00   | \$1,150.00  | \$5,750.00   | \$950.00    | \$4,750.00   |
| 203.5561  | EAGRT PLATFORM PREFERRED                                    | U  | 4.00      | \$1,750.00  | \$7,000.00   | \$1,175.00  | \$4,700.00   | \$1,000.00  | \$4,000.00   |
| 203.55619 | TEMPORARY EAGRT PLATFORM, PREFERRED                         | U  | 1.00      | \$1,500.00  | \$1,500.00   | \$1,175.00  | \$1,175.00   | \$1,000.00  | \$1,000.00   |
| 203.6     | EMBANKMENT-IN-PLACE (F)                                     | CY | 27,700.00 | \$8.50      | \$235,450.00 | \$8.80      | \$243,760.00 | \$12.00     | \$332,400.00 |
| 203.661   | GRAVEL BACKFILL FOR MUCK AND UNSUITABLE MATERIAL EXCAVATION | CY | 310.00    | \$35.00     | \$10,850.00  | \$17.50     | \$5,425.00   | \$15.00     | \$4,650.00   |
| 206.1     | COMMON STRUCTURE EXCAVATION                                 | CY | 200.00    | \$25.00     | \$5,000.00   | \$23.75     | \$4,750.00   | \$12.00     | \$2,400.00   |
| 206.19    | COMMON STRUCTURE EXCAVATION EXPLORATORY                     | CY | 5.00      | \$150.00    | \$750.00     | \$100.00    | \$500.00     | \$100.00    | \$500.00     |
| 206.2     | ROCK STRUCTURE EXCAVATION                                   | CY | 5.00      | \$150.00    | \$750.00     | \$150.00    | \$750.00     | \$100.00    | \$500.00     |
| 209.201   | GRANULAR BACKFILL (BRIDGE) (F)                              | CY | 3,750.00  | \$40.00     | \$150,000.00 | \$27.00     | \$101,250.00 | \$21.00     | \$78,750.00  |
| 214.      | FINE GRADING  | U  | 1.00      | \$14,700.00 | \$14,700.00  | \$25,750.00 | \$25,750.00  | \$20,000.00 | \$20,000.00  |
| 304.1     | SAND (F)  | CY | 3,400.00  | \$18.00     | \$61,200.00  | \$14.00     | \$47,600.00  | \$18.00     | \$61,200.00  |
| 304.2     | GRAVEL (F)  | CY | 3,650.00  | \$28.00     | \$102,200.00 | \$14.00     | \$51,100.00  | \$20.00     | \$73,000.00  |



# ABC Bid Data

DANBURY  
16303  
X-A001(230)

| Item No.  | Description                                  | Unit | Quantity | PS&E        |              | WEAVER BROS. CONST. CO., INC.<br>1629 RTE 3A<br>BOW, NH 03304 |              | PPER, R. M. INC.<br>PO BOX 490<br>PLYMOUTH, NH 03264 |              |
|-----------|--|------|----------|-------------|--------------|---|--------------|--|--------------|
|           |  |      |          | Unit Price  | Total        | Unit Price  | Total        | Unit Price   | Total        |
| 304.3     | CRUSHED GRAVEL (F)                           | CY   | 3,600.00 | \$31.00     | \$108,500.00 | \$21.00   | \$73,500.00  | \$30.00  | \$105,000.00 |
| 304.32    | CRUSHED GRAVEL FOR SHOULDER LEVELING         | TON  | 10.00    | \$35.00     | \$350.00     | \$50.00   | \$500.00     | \$40.00  | \$400.00     |
| 304.35    | CRUSHED GRAVEL FOR DRIVES                    | CY   | 60.00    | \$50.00     | \$3,000.00   | \$33.00   | \$1,980.00   | \$35.00  | \$2,100.00   |
| 304.754   | 4" STONE DUST WEARING SURFACE FOR TRAILS     | CY   | 50.00    | \$110.00    | \$5,500.00   | \$73.50   | \$3,675.00   | \$35.00  | \$1,750.00   |
| 403.11033 | HBP-3/4" WINTER BINDER MIX, MACHINE METHOD   | TON  | 1,800.00 | \$75.00     | \$135,000.00 | \$83.00   | \$149,400.00 | \$84.50  | \$152,100.00 |
| 403.11043 | HBP-1/2" SURFACE MIX, MACHINE METHOD         | TON  | 750.00   | \$80.00     | \$60,000.00  | \$88.00   | \$66,000.00  | \$90.00  | \$67,500.00  |
| 403.12    | HBP-HAND METHOD                              | TON  | 10.00    | \$250.00    | \$2,500.00   | \$210.00  | \$2,100.00   | \$210.00   | \$2,100.00   |
| 403.16    | PAVEMENT JOINT ADHESIVE                      | LF   | 7,290.00 | \$0.29      | \$2,114.10   | \$0.33  | \$2,405.70   | \$0.35   | \$2,551.50   |
| 403.19    | HBP-TEMPORARY                                | TON  | 200.00   | \$95.00     | \$19,000.00  | \$120.00  | \$24,000.00  | \$120.00   | \$24,000.00  |
| 403.21053 | HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)   | TON  | 15.00    | \$200.00    | \$3,000.00   | \$140.00  | \$2,100.00   | \$130.00   | \$1,950.00   |
| 403.26    | PAVEMENT JOINT ADHESIVE (BRIDGE BASE)        | LF   | 486.00   | \$4.50      | \$2,187.00   | \$1.10  | \$534.60     | \$1.00   | \$486.00     |
| 403.4     | MATERIAL TRANSFER VEHICLE (MTV)              | TON  | 2,650.00 | \$2.50      | \$6,375.00   | \$5.25  | \$13,387.50  | \$5.00   | \$12,750.00  |
| 410.22    | ASPHALT EMULSION FOR TACK COAT               | GAL  | 600.00   | \$3.60      | \$1,800.00   | \$8.00  | \$4,000.00   | \$8.00   | \$4,000.00   |
| 417.      | COLD PLANING BITUMINOUS SURFACES             | SY   | 850.00   | \$4.50      | \$3,825.00   | \$8.50  | \$7,225.00   | \$8.50   | \$7,225.00   |
| 502.101   | REMOVAL OF EXISTING BRIDGE STRUCTURE         | U    | 1.00     | \$50,000.00 | \$50,000.00  | \$69,000.00   | \$69,000.00  | \$55,000.00  | \$55,000.00  |
| 502.102   | REMOVAL OF EXISTING BRIDGE STRUCTURE         | U    | 1.00     | \$74,107.50 | \$74,107.50  | \$34,500.00   | \$34,500.00  | \$45,000.00  | \$45,000.00  |
| 503.201   | COFFERDAMS                                   | U    | 1.00     | \$25,000.00 | \$25,000.00  | \$171,600.00  | \$171,600.00 | \$190,000.00   | \$190,000.00 |
| 503.301   | COFFERDAMS WITH SHEETING LEFT-IN-PLACE       | U    | 1.00     | \$30,000.00 | \$30,000.00  | \$156,000.00  | \$156,000.00 | \$150,000.00   | \$150,000.00 |
| 504.1     | COMMON BRIDGE EXCAVATION (F)                 | CY   | 2,100.00 | \$20.00     | \$42,000.00  | \$35.00   | \$73,500.00  | \$18.00  | \$37,800.00  |
| 508.      | STRUCTURAL FILL                              | CY   | 225.00   | \$50.00     | \$11,250.00  | \$42.00   | \$9,450.00   | \$50.00  | \$11,250.00  |
| 520.0302  | CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F) | CY   | 161.00   | \$500.00    | \$80,500.00  | \$374.50  | \$60,294.50  | \$400.00   | \$64,400.00  |
| 520.1     | CONCRETE CLASS A                             | CY   | 6.00     | \$1,000.00  | \$6,000.00   | \$1,100.00  | \$6,600.00   | \$1,200.00   | \$7,200.00   |
| 520.12    | CONCRETE CLASS A, ABOVE FOOTINGS (F)         | CY   | 1,234.00 | \$625.00    | \$771,250.00 | \$624.00  | \$770,016.00 | \$575.00   | \$709,550.00 |
| 520.213   | CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)     | CY   | 685.00   | \$400.00    | \$234,000.00 | \$348.50  | \$203,872.50 | \$340.00   | \$198,900.00 |
| 520.7002  | CONCRETE BRIDGE DECK (QC/QA) (F)             | CY   | 111.00   | \$1,200.00  | \$133,200.00 | \$1,040.00  | \$115,440.00 | \$1,200.00   | \$133,200.00 |
| 528.51    | PRESTRESSED CONCRETE DECK PANELS (F)         | SF   | 1,285.00 | \$40.00     | \$51,400.00  | \$28.10   | \$36,108.50  | \$28.00  | \$35,980.00  |

# ABC Bid Data

DANBURY  
 16303  
 X-A001(230)

| Item No.  | Description  | Unit | Quantity   | P&E        |              | WEAVER BROS. CONST. CO., INC.<br>1429 RTE 3A<br>BOW, NH 03304 |              | PIPER, R. H. INC.<br>PO BOX 499<br>PLYMOUTH, NH 03264 |              |
|-----------|--|------|------------|------------|--------------|---|--------------|---|--------------|
|           |  |      |            | Unit Price | Total        | Unit Price  | Total        | Unit Price  | Total        |
| 534.3     | WATER REPELLENT (SILANE/SILOXANE)                        | GAL  | 55.00      | \$85.00    | \$4,675.00   | \$83.20   | \$4,576.00   | \$100.00  | \$5,500.00   |
| 538.2     | BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F) | SY   | 100.00     | \$50.00    | \$5,000.00   | \$52.00   | \$5,200.00   | \$50.00   | \$5,000.00   |
| 538.5     | BARRIER MEMBRANE, HEAT WELDED (F)                        | SY   | 254.00     | \$42.00    | \$10,668.00  | \$31.20   | \$7,924.80   | \$32.50   | \$8,255.00   |
| 540.42    | SCUPPER (FRP)  | EA   | 2.00       | \$4,700.00 | \$9,400.00   | \$5,200.00  | \$10,400.00  | \$7,000.00  | \$14,000.00  |
| 541.2     | PVC WATERSTOPS, NH TYPE 2 (F)                            | LF   | 184.00     | \$10.00    | \$1,840.00   | \$15.80   | \$2,870.40   | \$10.00   | \$1,840.00   |
| 541.4     | PVC WATERSTOPS, NH TYPE 4 (F)                            | LF   | 110.00     | \$15.00    | \$1,650.00   | \$18.75   | \$2,062.50   | \$10.00   | \$1,100.00   |
| 541.5     | PVC WATERSTOPS, NH TYPE 5 (F)                            | LF   | 151.00     | \$10.00    | \$1,510.00   | \$15.60   | \$2,355.60   | \$10.00   | \$1,510.00   |
| 544.      | REINFORCING STEEL (F)                                    | LB   | 149,536.00 | \$1.40     | \$209,350.40 | \$1.56  | \$233,276.16 | \$1.50  | \$224,304.00 |
| 544.1     | REINFORCING STEEL (ROADWAY)                              | LB   | 90.00      | \$3.00     | \$270.00     | \$2.00  | \$180.00     | \$5.00  | \$450.00     |
| 544.2     | REINFORCING STEEL, EPOXY COATED (F)                      | LB   | 47,884.00  | \$1.50     | \$71,826.00  | \$2.08  | \$99,598.72  | \$1.65  | \$79,008.60  |
| 544.7     | SYNTHETIC FIBER REINFORCEMENT (F)                        | LB   | 860.00     | \$8.30     | \$7,138.00   | \$8.32  | \$7,155.20   | \$10.00   | \$8,600.00   |
| 547.      | SHEAR CONNECTORS (F)                                     | EA   | 1,210.00   | \$6.00     | \$7,260.00   | \$10.40   | \$12,584.00  | \$7.50  | \$9,075.00   |
| 548.21    | ELASTOMERIC BEARING ASSEMBLIES (F)                       | EA   | 10.00      | \$1,850.00 | \$18,500.00  | \$3,120.00  | \$31,200.00  | \$1,750.00  | \$17,500.00  |
| 550.1     | STRUCTURAL STEEL (F)                                     | LB   | 69,334.00  | \$2.50     | \$173,335.00 | \$3.12  | \$216,322.08 | \$2.80  | \$194,135.20 |
| 559.41    | ASPHALTIC PLUG FOR CRACK CONTROL (F)                     | LF   | 66.00      | \$110.00   | \$7,260.00   | \$104.00  | \$6,864.00   | \$105.00  | \$6,930.00   |
| 561.1001  | PREFABRICATED STRIP SEAL EXPANSION JOINT (F)             | LF   | 76.00      | \$650.00   | \$49,400.00  | \$639.60  | \$48,609.60  | \$600.00  | \$45,600.00  |
| 562.1     | SILICONE JOINT SEALANT (F)                               | LF   | 161.00     | \$25.00    | \$4,025.00   | \$12.48   | \$2,009.28   | \$16.00   | \$2,576.00   |
| 563.23    | BRIDGE RAIL T3   | LF   | 254.00     | \$160.00   | \$40,640.00  | \$244.40  | \$62,077.60  | \$240.00  | \$60,960.00  |
| 563.233   | BRIDGE RAIL T3 WITH SNOW SCREENING                       | LF   | 88.00      | \$200.00   | \$17,600.00  | \$317.20  | \$27,913.60  | \$320.00  | \$28,160.00  |
| 565.232   | BRIDGE APPROACH RAIL T3 (STEEL POSTS)                    | U    | 4.00       | \$6,250.00 | \$25,000.00  | \$9,880.00  | \$39,520.00  | \$9,250.00  | \$37,000.00  |
| 585.2     | STONE FILL, CLASS B                                      | CY   | 1,700.00   | \$40.00    | \$68,000.00  | \$46.25   | \$78,625.00  | \$38.00   | \$64,600.00  |
| 585.3     | STONE FILL, CLASS C                                      | CY   | 60.00      | \$55.00    | \$3,300.00   | \$60.00   | \$3,600.00   | \$45.00   | \$2,700.00   |
| 593.411   | GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN                 | SY   | 2,700.00   | \$4.00     | \$10,800.00  | \$2.25  | \$6,075.00   | \$2.50  | \$6,750.00   |
| 603.0001  | VIDEO INSPECTION   | LF   | 1,080.00   | \$2.14     | \$2,311.20   | \$2.25  | \$2,430.00   | \$2.00  | \$2,160.00   |
| 603.00215 | 15" R.C. PIPE, 2000D                                     | LF   | 670.00     | \$45.00    | \$30,150.00  | \$67.00   | \$44,890.00  | \$50.00   | \$33,500.00  |
| 603.00218 | 18" R.C. PIPE, 2000D                                     | LF   | 40.00      | \$77.00    | \$3,080.00   | \$105.00  | \$4,200.00   | \$55.00   | \$2,200.00   |



# ABC Bid Data

DANBURY  
16303  
X-A001(230)

| Item No.  | Description   | Unit | Quantity | P&E        |             | WEAVER BROS. CONST. CO., INC.<br>1429 RTE 3A<br>DOW, NH 03284 |             | PIPER, R. W. INC.<br>PO BOX 489<br>PLYMOUTH, NH 03254 |             |
|-----------|---|------|----------|------------|-------------|---|-------------|---|-------------|
|           |   |      |          | Unit Price | Total       | Unit Price  | Total       | Unit Price  | Total       |
| 603.00224 | 24" R.C. PIPE, 2000D  | LF   | 190.00   | \$100.00   | \$19,000.00 | \$163.00  | \$30,970.00 | \$120.00  | \$22,800.00 |
| 603.00318 | 18" R.C. PIPE, 3000D  | LF   | 180.00   | \$80.00    | \$14,400.00 | \$155.00  | \$27,900.00 | \$180.00  | \$32,400.00 |
| 603.30115 | 15" R.C. END SECTIONS   | EA   | 2.00     | \$800.00   | \$1,600.00  | \$1,015.00  | \$2,030.00  | \$700.00  | \$1,400.00  |
| 603.30118 | 18" R.C. END SECTIONS   | EA   | 1.00     | \$900.00   | \$900.00    | \$1,100.00  | \$1,100.00  | \$850.00  | \$850.00    |
| 603.30124 | 24" R.C. END SECTIONS   | EA   | 2.00     | \$950.00   | \$1,900.00  | \$1,425.00  | \$2,850.00  | \$1,000.00  | \$2,000.00  |
| 603.99012 | 12" TEMPORARY DRAINAGE PIPE   | LF   | 50.00    | \$60.00    | \$3,000.00  | \$48.00   | \$2,400.00  | \$40.00   | \$2,000.00  |
| 603.99018 | 18" TEMPORARY DRAINAGE PIPE   | LF   | 55.00    | \$80.00    | \$4,400.00  | \$62.00   | \$3,410.00  | \$60.00   | \$3,300.00  |
| 603.99024 | 24" TEMPORARY DRAINAGE PIPE   | LF   | 25.00    | \$100.00   | \$2,500.00  | \$124.00  | \$3,100.00  | \$80.00   | \$2,000.00  |
| 604.0007  | POLYETHYLENE LINER  | EA   | 7.00     | \$145.55   | \$1,018.85  | \$255.00  | \$1,785.00  | \$250.00  | \$1,750.00  |
| 604.124   | CATCH BASINS TYPE B, 4-FOOT DIAMETER                                  | U    | 7.20     | \$2,475.00 | \$17,820.00 | \$2,650.00  | \$19,080.00 | \$2,500.00  | \$18,000.00 |
| 604.154   | CATCH BASINS TYPE E, 4-FOOT DIAMETER                                  | U    | 1.10     | \$2,695.00 | \$2,964.50  | \$3,750.00  | \$4,125.00  | \$3,000.00  | \$3,300.00  |
| 605.506   | 6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN                           | LF   | 350.00   | \$18.25    | \$6,387.50  | \$24.50   | \$8,575.00  | \$27.50   | \$9,825.00  |
| 605.79    | UNDERDRAIN FLUSHING BASINS  | EA   | 2.00     | \$350.00   | \$700.00    | \$535.00  | \$1,070.00  | \$450.00  | \$900.00    |
| 606.1254  | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3)<br>(STEEL POST)       | U    | 4.00     | \$3,400.00 | \$13,600.00 | \$4,050.00  | \$16,200.00 | \$4,000.00  | \$16,000.00 |
| 606.18001 | 31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK<br>(STEEL POST)             | LF   | 1,050.00 | \$27.20    | \$28,560.00 | \$31.50   | \$33,075.00 | \$30.00   | \$31,500.00 |
| 606.417   | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL                         | LF   | 1,100.00 | \$30.00    | \$33,000.00 | \$12.00   | \$13,200.00 | \$25.00   | \$27,500.00 |
| 606.93    | TEMPORARY BEAM GUARDRAIL  | LF   | 200.00   | \$15.00    | \$3,000.00  | \$31.50   | \$6,300.00  | \$30.00   | \$6,000.00  |
| 606.93254 | TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT<br>EAGRT, TL-3) (STEEL POSTS) | U    | 1.00     | \$2,750.00 | \$2,750.00  | \$2,900.00  | \$2,900.00  | \$2,900.00  | \$2,900.00  |
| 606.9522  | TEMP. IMPACT ATTENUATION DEVICE<br>(NON-REDIRECTIVE) TEST LEVEL 2     | U    | 6.00     | \$5,500.00 | \$27,500.00 | \$1,700.00  | \$8,500.00  | \$3,250.00  | \$16,250.00 |
| 609.01    | STRAIGHT GRANITE CURB   | LF   | 130.00   | \$35.00    | \$4,550.00  | \$47.50   | \$6,175.00  | \$50.00   | \$6,500.00  |
| 609.811   | BITUMINOUS CURB, TYPE B (4" REVEAL)                                   | LF   | 1,100.00 | \$7.50     | \$8,250.00  | \$6.50  | \$7,150.00  | \$6.00  | \$6,600.00  |
| 615.0201  | TRAFFIC SIGN TYPE B   | SF   | 1.86     | \$75.00    | \$124.50    | \$80.00   | \$132.80    | \$75.00   | \$124.50    |
| 615.023   | REMOVING TRAFFIC SIGN TYPE B  | U    | 7.00     | \$155.00   | \$1,085.00  | \$215.00  | \$1,505.00  | \$210.00  | \$1,470.00  |
| 615.024   | RELOCATING TRAFFIC SIGN TYPE B  | U    | 1.00     | \$280.00   | \$280.00    | \$550.00  | \$550.00    | \$520.00  | \$520.00    |
| 615.0301  | TRAFFIC SIGN TYPE C   | SF   | 34.50    | \$46.00    | \$1,587.00  | \$63.00   | \$2,173.50  | \$60.00   | \$2,070.00  |
| 615.033   | REMOVING TRAFFIC SIGN, TYPE C   | U    | 2.00     | \$400.00   | \$800.00    | \$55.00   | \$110.00    | \$55.00   | \$110.00    |



# ABC Bid Data

DANBURY  
16303  
X-A001(230)

| Item No. | Description  | Unit | Quantity  | P&E          |              | WEAVER BROS. CONST. CO., INC.<br>1429 RTE 3A<br>BOW, NH 03304 |             | PPER, R. H. INC.<br>PO BOX 489<br>PLYMOUTH, NH 03264 |             |
|----------|--|------|-----------|--------------|--------------|---|-------------|--|-------------|
|          |  |      |           | Unit Price   | Total        | Unit Price  | Total       | Unit Price   | Total       |
| 615.0501 | TRAFFIC SIGN TYPE BB                                       | SF   | 1.66      | \$30.00      | \$49.80      | \$55.00   | \$91.30     | \$55.00  | \$91.30     |
| 615.0601 | TRAFFIC SIGN TYPE CC                                       | SF   | 2.19      | \$20.00      | \$43.80      | \$33.00   | \$72.27     | \$35.00  | \$76.65     |
| 616.171  | PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM                      | U    | 1.00      | \$62,850.00  | \$62,850.00  | \$11,600.00   | \$11,600.00 | \$68,500.00  | \$68,500.00 |
| 618.61   | UNIFORMED OFFICERS WITH VEHICLE                            | \$   | 6,000.00  | \$1.00       | \$6,000.00   | \$1.00  | \$6,000.00  | \$1.00   | \$6,000.00  |
| 618.7    | FLAGGERS   | HR   | 2,000.00  | \$30.00      | \$60,000.00  | \$46.00   | \$92,000.00 | \$40.00  | \$80,000.00 |
| 619.1    | MAINTENANCE OF TRAFFIC                                     | U    | 1.00      | \$100,000.00 | \$100,000.00 | \$55,000.00   | \$55,000.00 | \$75,000.00  | \$75,000.00 |
| 619.25   | PORTABLE CHANGEABLE MESSAGE SIGN                           | U    | 5.00      | \$5,000.00   | \$25,000.00  | \$4,000.00  | \$20,000.00 | \$10,000.00  | \$50,000.00 |
| 619.279  | AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN                 | U    | 2.00      | \$2,490.00   | \$4,980.00   | \$1,550.00  | \$3,100.00  | \$9,000.00   | \$18,000.00 |
| 621.2    | RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR                  | EA   | 15.00     | \$5.35       | \$80.25      | \$8.00  | \$120.00    | \$10.00  | \$150.00    |
| 621.31   | SINGLE DELINEATOR WITH POST                                | EA   | 25.00     | \$52.00      | \$1,300.00   | \$58.00   | \$1,450.00  | \$60.00  | \$1,500.00  |
| 621.32   | DOUBLE DELINEATOR WITH POST                                | EA   | 2.00      | \$56.00      | \$112.00     | \$65.00   | \$130.00    | \$65.00  | \$130.00    |
| 622.1    | STEEL WITNESS MARKERS                                      | EA   | 12.00     | \$38.00      | \$456.00     | \$37.50   | \$450.00    | \$40.00  | \$480.00    |
| 622.2    | CONCRETE BOUNDS  | EA   | 9.00      | \$350.00     | \$3,150.00   | \$250.00  | \$2,250.00  | \$150.00   | \$1,350.00  |
| 628.2    | SAWED BITUMINOUS PAVEMENT                                  | LF   | 110.00    | \$2.45       | \$269.50     | \$2.50  | \$275.00    | \$2.50   | \$275.00    |
| 632.0104 | RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE               | LF   | 17,000.00 | \$0.40       | \$6,800.00   | \$0.27  | \$4,590.00  | \$0.30   | \$5,100.00  |
| 632.1104 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE | LF   | 4,500.00  | \$1.68       | \$7,560.00   | \$2.00  | \$9,000.00  | \$1.50   | \$6,750.00  |
| 632.3118 | RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE          | LF   | 30.00     | \$7.00       | \$210.00     | \$42.00   | \$1,260.00  | \$75.00  | \$2,250.00  |
| 645.3    | EROSION STONE  | TON  | 300.00    | \$30.00      | \$9,000.00   | \$25.00   | \$7,500.00  | \$27.50  | \$8,250.00  |
| 645.44   | TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)         | SY   | 1,250.00  | \$2.50       | \$3,125.00   | \$2.45  | \$3,062.50  | \$2.50   | \$3,125.00  |
| 645.612  | COMPOST SOCK FOR PERIMETER BERM                            | LF   | 1,650.00  | \$5.10       | \$8,415.00   | \$3.50  | \$5,775.00  | \$5.00   | \$8,250.00  |
| 645.531  | SILT FENCE   | LF   | 1,650.00  | \$3.36       | \$5,544.00   | \$2.50  | \$4,125.00  | \$3.00   | \$4,950.00  |
| 645.611  | BONDED FIBER MATRIX (BFM)                                  | LB   | 3,850.00  | \$1.50       | \$5,775.00   | \$1.55  | \$5,967.50  | \$1.50   | \$5,775.00  |
| 645.7    | STORM WATER POLLUTION PREVENTION PLAN                      | U    | 1.00      | \$4,500.00   | \$4,500.00   | \$3,700.00  | \$3,700.00  | \$8,000.00   | \$8,000.00  |
| 645.71   | MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS         | HR   | 380.00    | \$100.00     | \$38,000.00  | \$105.00  | \$39,900.00 | \$110.00   | \$41,800.00 |
| 646.2    | TURF ESTABLISHMENT WITHOUT MULCH                           | A    | 1.60      | \$1,500.00   | \$2,400.00   | \$2,200.00  | \$3,520.00  | \$2,200.00   | \$3,520.00  |
| 646.3    | TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS               | A    | 2.15      | \$2,290.00   | \$4,923.50   | \$3,350.00  | \$7,202.50  | \$3,300.00   | \$7,095.00  |



# ABC Bid Data

DANBURY

16303

X-A001(230)

| Item No.            | Description  | Unit | Quantity  | P&A E        |                       | WEAVER BROS. CONST. CO., INC.<br>1829 RTE 3A<br>BOVA, NH 03304 |                       | PIPER, R. H. INC.<br>PO BOX 499<br>PLYMOUTH, NH 03284 |                       |
|---------------------|--|------|-----------|--------------|-----------------------|--|-----------------------|---|-----------------------|
|                     |  |      |           | Unit Price   | Total                 | Unit Price   | Total                 | Unit Price  | Total                 |
| 647.1               | HUMUS  | CY   | 2,350.00  | \$20.00      | \$47,000.00           | \$23.75  | \$55,812.50           | \$13.00   | \$30,550.00           |
| 670.0441            | RELOCATE HISTORIC FEATURE                                  | U    | 1.00      | \$5,000.00   | \$5,000.00            | \$2,500.00   | \$2,500.00            | \$7,500.00  | \$7,500.00            |
| 670.04501           | CONSTRUCT AND REMOVE DIVERSION                             | U    | 1.00      | \$12,000.00  | \$12,000.00           | \$9,150.00   | \$9,150.00            | \$15,000.00   | \$15,000.00           |
| 670.04502           | CONSTRUCT AND REMOVE DIVERSION                             | U    | 1.00      | \$15,000.00  | \$15,000.00           | \$13,650.00  | \$13,650.00           | \$12,500.00   | \$12,500.00           |
| 670.066             | MAILBOX SUPPORT ASSEMBLIES                                 | EA   | 1.00      | \$368.63     | \$368.63              | \$250.00   | \$250.00              | \$200.00  | \$200.00              |
| 670.104             | TEMPORARY PORTABLE LIGHTING                                | U    | 4.00      | \$5,000.00   | \$20,000.00           | \$1,000.00   | \$4,000.00            | \$6,500.00  | \$26,000.00           |
| 670.822             | GNSS CONSTRUCTION INSPECTION EQUIPMENT                     | U    | 1.00      | \$30,000.00  | \$30,000.00           | \$26,500.00  | \$26,500.00           | \$30,000.00   | \$30,000.00           |
| 670.95              | TEMPORARY SAFETY FENCE                                     | LF   | 500.00    | \$5.00       | \$2,500.00            | \$5.00   | \$2,500.00            | \$4.00  | \$2,000.00            |
| 692.                | MOBILIZATION   | U    | 1.00      | \$300,000.00 | \$300,000.00          | \$425,500.00   | \$425,500.00          | \$350,000.00  | \$350,000.00          |
| 697.31              | PROJECT OPERATIONS PLAN                                    | U    | 1.00      | \$4,000.00   | \$4,000.00            | \$3,700.00   | \$3,700.00            | \$1,200.00  | \$1,200.00            |
| 698.12              | FIELD OFFICE TYPE B  | MON  | 23.00     | \$2,000.00   | \$46,000.00           | \$2,500.00   | \$57,500.00           | \$1,000.00  | \$23,000.00           |
| 698.2               | PHYSICAL TESTING LABORATORY                                | MON  | 20.00     | \$900.00     | \$18,000.00           | \$1,000.00   | \$20,000.00           | \$850.00  | \$17,000.00           |
| 699.                | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL       | \$   | 25,000.00 | \$1.00       | \$25,000.00           | \$1.00   | \$25,000.00           | \$1.00  | \$25,000.00           |
| 1008.53             | ALTERATIONS AND ADDITIONS AS NEEDED - SOLID WASTE DISPOSAL | \$   | 5,000.00  | \$1.00       | \$5,000.00            | \$1.00   | \$5,000.00            | \$1.00  | \$5,000.00            |
| 1010.15             | FUEL ADJUSTMENT  | \$   | 40,000.00 | \$1.00       | \$40,000.00           | \$1.00   | \$40,000.00           | \$1.00  | \$40,000.00           |
| 1010.2              | ASPHALT CEMENT ADJUSTMENT                                  | \$   | 10,000.00 | \$1.00       | \$10,000.00           | \$1.00   | \$10,000.00           | \$1.00  | \$10,000.00           |
| 1010.41             | QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE     | \$   | 16,000.00 | \$1.00       | \$16,000.00           | \$1.00   | \$16,000.00           | \$1.00  | \$16,000.00           |
| <b>Totals:</b>      |  |      |           |              | <b>\$4,563,181.90</b> |  | <b>\$4,872,068.71</b> |   | <b>\$4,873,271.25</b> |
| <b>Alt. Totals:</b> |  |      |           |              |                       |  |                       |   |                       |
| <b>Totals:</b>      |  |      |           |              | <b>\$4,563,181.90</b> |  | <b>\$4,872,068.71</b> |   | <b>\$4,873,271.25</b> |



# ABC Bid Data

DANBURY  
16303  
X-A001(230)

| Item No. | Description | Unit | Quantity | P&E        |       | NORTHEAST EARTH MECHANICS INC<br>159 BARNSTEAD ROAD<br>PITTSFIELD, NH 03263 |       | Unit Price | Total |
|----------|-------------|------|----------|------------|-------|---|-------|------------|-------|
|          |             |      |          | Unit Price | Total | Unit Price  | Total |            |       |

**Items**

|           |   |    |           |             |              |             |              |  |  |
|-----------|---|----|-----------|-------------|--------------|-------------|--------------|--|--|
| 201.1     | CLEARING AND GRUBBING (F)                                   | A  | 2.07      | \$8,800.00  | \$18,216.00  | \$25,000.00 | \$51,750.00  |  |  |
| 201.21    | REMOVING SMALL TREES  | EA | 13.00     | \$525.00    | \$6,825.00   | \$100.00    | \$1,300.00   |  |  |
| 202.31    | FILL ABANDONED PIPE   | CY | 7.00      | \$348.81    | \$2,441.67   | \$350.00    | \$2,450.00   |  |  |
| 202.41    | REMOVAL OF EXISTING PIPE 0-24" DIAMETER                     | LF | 320.00    | \$15.81     | \$5,059.20   | \$20.00     | \$6,400.00   |  |  |
| 202.5     | REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES          | EA | 1.00      | \$353.00    | \$353.00     | \$350.00    | \$350.00     |  |  |
| 202.7     | REMOVAL OF GUARDRAIL  | LF | 1,050.00  | \$5.00      | \$5,250.00   | \$3.30      | \$3,465.00   |  |  |
| 202.97    | CONCRETE RUBBLE PROCESSING                                  | CY | 200.00    | \$25.00     | \$5,000.00   | \$45.00     | \$9,000.00   |  |  |
| 203.1     | COMMON EXCAVATION   | CY | 6,450.00  | \$10.00     | \$64,500.00  | \$6.00      | \$38,700.00  |  |  |
| 203.11    | COMMON EXCAVATION - LRS                                     | CY | 2,350.00  | \$14.00     | \$32,900.00  | \$7.50      | \$17,625.00  |  |  |
| 203.2     | ROCK EXCAVATION   | CY | 25.00     | \$50.00     | \$1,250.00   | \$100.00    | \$2,500.00   |  |  |
| 203.3     | UNCLASSIFIED EXCAVATION                                     | CY | 920.00    | \$20.00     | \$18,400.00  | \$6.00      | \$5,520.00   |  |  |
| 203.4     | MUCK EXCAVATION   | CY | 310.00    | \$15.00     | \$4,650.00   | \$13.50     | \$4,185.00   |  |  |
| 203.5525  | PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM                   | U  | 6.00      | \$1,000.00  | \$5,000.00   | \$1,250.00  | \$6,250.00   |  |  |
| 203.5561  | EAGRT PLATFORM PREFERRED                                    | U  | 4.00      | \$1,750.00  | \$7,000.00   | \$1,450.00  | \$5,800.00   |  |  |
| 203.55619 | TEMPORARY EAGRT PLATFORM, PREFERRED                         | U  | 1.00      | \$1,500.00  | \$1,500.00   | \$950.00    | \$950.00     |  |  |
| 203.6     | EMBANKMENT-IN-PLACE (F)                                     | CY | 27,700.00 | \$8.50      | \$235,450.00 | \$16.50     | \$457,050.00 |  |  |
| 203.661   | GRAVEL BACKFILL FOR MUCK AND UNSUITABLE MATERIAL EXCAVATION | CY | 310.00    | \$35.00     | \$10,850.00  | \$25.00     | \$7,750.00   |  |  |
| 206.1     | COMMON STRUCTURE EXCAVATION                                 | CY | 200.00    | \$25.00     | \$5,000.00   | \$20.00     | \$4,000.00   |  |  |
| 206.19    | COMMON STRUCTURE EXCAVATION EXPLORATORY                     | CY | 6.00      | \$150.00    | \$750.00     | \$100.00    | \$500.00     |  |  |
| 206.2     | ROCK STRUCTURE EXCAVATION                                   | CY | 6.00      | \$150.00    | \$750.00     | \$200.00    | \$1,000.00   |  |  |
| 209.201   | GRANULAR BACKFILL (BRIDGE) (F)                              | CY | 3,760.00  | \$40.00     | \$150,000.00 | \$25.00     | \$93,750.00  |  |  |
| 214.      | FINE GRADING  | U  | 1.00      | \$14,700.00 | \$14,700.00  | \$40,000.00 | \$40,000.00  |  |  |
| 304.1     | SAND (F)  | CY | 3,400.00  | \$18.00     | \$61,200.00  | \$17.00     | \$57,800.00  |  |  |
| 304.2     | GRAVEL (F)  | CY | 3,650.00  | \$28.00     | \$102,200.00 | \$21.00     | \$76,650.00  |  |  |



# ABC Bid Data

DANBURY  
16303  
X-A001(230)

| Item No.  | Description                                  | Unit | Quantity | P&E         |              | NORTHEAST EARTH MECHANICS INC<br>159 BARNSTEAD ROAD<br>PITTSFIELD, NH 03263 |              | Unit Price | Total |
|-----------|--|------|----------|-------------|--------------|---|--------------|------------|-------|
|           |  |      |          | Unit Price  | Total        | Unit Price  | Total        |            |       |
| 304.3     | CRUSHED GRAVEL (F)                           | CY   | 3,500.00 | \$31.00     | \$108,500.00 | \$30.00   | \$105,000.00 |            |       |
| 304.32    | CRUSHED GRAVEL FOR SHOULDER LEVELING         | TON  | 10.00    | \$35.00     | \$350.00     | \$75.00   | \$750.00     |            |       |
| 304.35    | CRUSHED GRAVEL FOR DRIVES                    | CY   | 60.00    | \$50.00     | \$3,000.00   | \$25.00   | \$1,500.00   |            |       |
| 304.764   | 4" STONE DUST WEARING SURFACE FOR TRAILS     | CY   | 60.00    | \$110.00    | \$5,500.00   | \$50.00   | \$2,500.00   |            |       |
| 403.11033 | HBP-3/4" WINTER BINDER MIX, MACHINE METHOD   | TON  | 1,800.00 | \$75.00     | \$135,000.00 | \$80.00   | \$144,000.00 |            |       |
| 403.11043 | HBP-1/2" SURFACE MIX, MACHINE METHOD         | TON  | 760.00   | \$80.00     | \$60,000.00  | \$85.00   | \$63,750.00  |            |       |
| 403.12    | HBP-HAND METHOD                              | TON  | 10.00    | \$250.00    | \$2,500.00   | \$200.00  | \$2,000.00   |            |       |
| 403.16    | PAVEMENT JOINT ADHESIVE                      | LF   | 7,290.00 | \$0.29      | \$2,114.10   | \$0.30  | \$2,187.00   |            |       |
| 403.19    | HBP-TEMPORARY                                | TON  | 200.00   | \$95.00     | \$19,000.00  | \$110.00  | \$22,000.00  |            |       |
| 403.21053 | HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)   | TON  | 15.00    | \$200.00    | \$3,000.00   | \$125.00  | \$1,875.00   |            |       |
| 403.26    | PAVEMENT JOINT ADHESIVE (BRIDGE BASE)        | LF   | 486.00   | \$4.50      | \$2,187.00   | \$1.00  | \$486.00     |            |       |
| 403.4     | MATERIAL TRANSFER VEHICLE (MTV)              | TON  | 2,650.00 | \$2.50      | \$6,375.00   | \$5.00  | \$12,750.00  |            |       |
| 410.22    | ASPHALT EMULSION FOR TACK COAT               | GAL  | 600.00   | \$3.60      | \$1,800.00   | \$7.50  | \$3,750.00   |            |       |
| 417.      | COLD PLANING BITUMINOUS SURFACES             | SY   | 850.00   | \$4.50      | \$3,825.00   | \$8.00  | \$6,800.00   |            |       |
| 502.101   | REMOVAL OF EXISTING BRIDGE STRUCTURE         | U    | 1.00     | \$50,000.00 | \$50,000.00  | \$50,000.00   | \$50,000.00  |            |       |
| 502.102   | REMOVAL OF EXISTING BRIDGE STRUCTURE         | U    | 1.00     | \$74,107.50 | \$74,107.50  | \$20,000.00   | \$20,000.00  |            |       |
| 503.201   | COFFERDAMS                                   | U    | 1.00     | \$25,000.00 | \$25,000.00  | \$230,000.00  | \$230,000.00 |            |       |
| 503.301   | COFFERDAMS WITH SHEETING LEFT-IN-PLACE       | U    | 1.00     | \$30,000.00 | \$30,000.00  | \$220,000.00  | \$220,000.00 |            |       |
| 504.1     | COMMON BRIDGE EXCAVATION (F)                 | CY   | 2,100.00 | \$20.00     | \$42,000.00  | \$20.00   | \$42,000.00  |            |       |
| 508.      | STRUCTURAL FILL                              | CY   | 225.00   | \$50.00     | \$11,250.00  | \$45.00   | \$10,125.00  |            |       |
| 520.0302  | CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F) | CY   | 161.00   | \$500.00    | \$80,500.00  | \$420.00  | \$67,620.00  |            |       |
| 520.1     | CONCRETE CLASS A                             | CY   | 6.00     | \$1,000.00  | \$6,000.00   | \$1,700.00  | \$10,200.00  |            |       |
| 520.12    | CONCRETE CLASS A, ABOVE FOOTINGS (F)         | CY   | 1,234.00 | \$625.00    | \$771,250.00 | \$750.00  | \$925,500.00 |            |       |
| 520.213   | CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)     | CY   | 685.00   | \$400.00    | \$234,000.00 | \$425.00  | \$248,625.00 |            |       |
| 520.7002  | CONCRETE BRIDGE DECK (QC/QA) (F)             | CY   | 111.00   | \$1,200.00  | \$133,200.00 | \$1,175.00  | \$130,425.00 |            |       |
| 528.61    | PRESTRESSED CONCRETE DECK PANELS (F)         | SF   | 1,285.00 | \$40.00     | \$51,400.00  | \$34.00   | \$43,690.00  |            |       |



# ABC Bid Data

DANBURY  
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X-A001(230)

| Item No.  | Description  | Unit | Quantity   | P&E        |              | NORTHEAST EARTH MECHANICS INC<br>159 BARNSTEAD ROAD<br>PITTSFIELD, NH 03253 |              | Unit Price | Total |
|-----------|--|------|------------|------------|--------------|---|--------------|------------|-------|
|           |  |      |            | Unit Price | Total        | Unit Price  | Total        |            |       |
| 534.3     | WATER REPELLENT (SILANE/SILOXANE)                        | GAL  | 55.00      | \$85.00    | \$4,675.00   | \$85.00   | \$4,675.00   |            |       |
| 538.2     | BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F) | SY   | 100.00     | \$50.00    | \$5,000.00   | \$55.00   | \$5,500.00   |            |       |
| 538.5     | BARRIER MEMBRANE, HEAT WELDED (F)                        | SY   | 254.00     | \$42.00    | \$10,668.00  | \$33.00   | \$8,382.00   |            |       |
| 540.42    | SCUPPER (FRP)  | EA   | 2.00       | \$4,700.00 | \$9,400.00   | \$5,500.00  | \$11,000.00  |            |       |
| 541.2     | PVC WATERSTOPS, NH TYPE 2 (F)                            | LF   | 184.00     | \$10.00    | \$1,840.00   | \$17.00   | \$3,128.00   |            |       |
| 541.4     | PVC WATERSTOPS, NH TYPE 4 (F)                            | LF   | 110.00     | \$15.00    | \$1,650.00   | \$20.00   | \$2,200.00   |            |       |
| 541.5     | PVC WATERSTOPS, NH TYPE 5 (F)                            | LF   | 151.00     | \$10.00    | \$1,510.00   | \$17.00   | \$2,567.00   |            |       |
| 544.      | REINFORCING STEEL (F)                                    | LB   | 149,536.00 | \$1.40     | \$209,350.40 | \$1.65  | \$246,734.40 |            |       |
| 544.1     | REINFORCING STEEL (ROADWAY)                              | LB   | 90.00      | \$3.00     | \$270.00     | \$3.00  | \$270.00     |            |       |
| 544.2     | REINFORCING STEEL, EPOXY COATED (F)                      | LB   | 47,884.00  | \$1.50     | \$71,826.00  | \$2.20  | \$105,344.80 |            |       |
| 544.7     | SYNTHETIC FIBER REINFORCEMENT (F)                        | LB   | 860.00     | \$8.30     | \$7,138.00   | \$8.85  | \$7,611.00   |            |       |
| 547.      | SHEAR CONNECTORS (F)                                     | EA   | 1,210.00   | \$6.00     | \$7,260.00   | \$11.00   | \$13,310.00  |            |       |
| 548.21    | ELASTOMERIC BEARING ASSEMBLIES (F)                       | EA   | 10.00      | \$1,850.00 | \$18,500.00  | \$3,300.00  | \$33,000.00  |            |       |
| 550.1     | STRUCTURAL STEEL (F)                                     | LB   | 69,334.00  | \$2.50     | \$173,335.00 | \$3.50  | \$242,669.00 |            |       |
| 559.41    | ASPHALTIC PLUG FOR CRACK CONTROL (F)                     | LF   | 66.00      | \$110.00   | \$7,260.00   | \$110.00  | \$7,260.00   |            |       |
| 561.1001  | PREFABRICATED STRIP SEAL EXPANSION JOINT (F)             | LF   | 76.00      | \$650.00   | \$49,400.00  | \$690.00  | \$52,440.00  |            |       |
| 562.1     | SILICONE JOINT SEALANT (F)                               | LF   | 161.00     | \$25.00    | \$4,025.00   | \$13.00   | \$2,093.00   |            |       |
| 563.23    | BRIDGE RAIL T3   | LF   | 254.00     | \$160.00   | \$40,640.00  | \$235.00  | \$59,690.00  |            |       |
| 563.233   | BRIDGE RAIL T3 WITH SNOW SCREENING                       | LF   | 88.00      | \$200.00   | \$17,600.00  | \$305.00  | \$26,840.00  |            |       |
| 565.232   | BRIDGE APPROACH RAIL T3 (STEEL POSTS)                    | U    | 4.00       | \$6,250.00 | \$25,000.00  | \$9,500.00  | \$38,000.00  |            |       |
| 585.2     | STONE FILL, CLASS B                                      | CY   | 1,700.00   | \$40.00    | \$68,000.00  | \$36.00   | \$61,200.00  |            |       |
| 585.3     | STONE FILL, CLASS C                                      | CY   | 60.00      | \$55.00    | \$3,300.00   | \$50.00   | \$3,000.00   |            |       |
| 593.411   | GEOTEXTILE: PERM CONTROL CL.1, NON-WOVEN                 | SY   | 2,700.00   | \$4.00     | \$10,800.00  | \$4.00  | \$10,800.00  |            |       |
| 603.0001  | VIDEO INSPECTION   | LF   | 1,080.00   | \$2.14     | \$2,311.20   | \$2.00  | \$2,160.00   |            |       |
| 603.00215 | 15" R.C. PIPE, 2000D                                     | LF   | 670.00     | \$45.00    | \$30,150.00  | \$70.00   | \$46,900.00  |            |       |
| 603.00218 | 18" R.C. PIPE, 2000D                                     | LF   | 40.00      | \$77.00    | \$3,080.00   | \$120.00  | \$4,800.00   |            |       |



# ABC Bid Data

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X-A001(230)

| Item No.  | Description  | Unit | Quantity | P&A E      |             | NORTHEAST EARTH MECHANICS INC<br>159 BARNSTEAD ROAD<br>PITTSFIELD, NH 03263 |             | Unit Price | Total |
|-----------|--|------|----------|------------|-------------|---|-------------|------------|-------|
|           |  |      |          | Unit Price | Total       | Unit Price  | Total       |            |       |
| 603.00224 | 24" R.C. PIPE, 2000D   | LF   | 190.00   | \$100.00   | \$19,000.00 | \$135.00  | \$25,650.00 |            |       |
| 603.00318 | 18" R.C. PIPE, 3000D   | LF   | 180.00   | \$80.00    | \$14,400.00 | \$265.00  | \$47,700.00 |            |       |
| 603.30115 | 15" R.C. END SECTIONS  | EA   | 2.00     | \$800.00   | \$1,600.00  | \$1,250.00  | \$2,500.00  |            |       |
| 603.30118 | 18" R.C. END SECTIONS  | EA   | 1.00     | \$900.00   | \$900.00    | \$1,350.00  | \$1,350.00  |            |       |
| 603.30124 | 24" R.C. END SECTIONS  | EA   | 2.00     | \$950.00   | \$1,900.00  | \$1,750.00  | \$3,500.00  |            |       |
| 603.99012 | 12" TEMPORARY DRAINAGE PIPE  | LF   | 50.00    | \$60.00    | \$3,000.00  | \$49.00   | \$2,450.00  |            |       |
| 603.99018 | 18" TEMPORARY DRAINAGE PIPE  | LF   | 55.00    | \$80.00    | \$4,400.00  | \$59.00   | \$3,245.00  |            |       |
| 603.99024 | 24" TEMPORARY DRAINAGE PIPE  | LF   | 25.00    | \$100.00   | \$2,500.00  | \$125.00  | \$3,125.00  |            |       |
| 604.0007  | POLYETHYLENE LINER   | EA   | 7.00     | \$145.55   | \$1,018.85  | \$250.00  | \$1,750.00  |            |       |
| 604.124   | CATCH BASINS TYPE B, 4-FOOT DIAMETER                                 | U    | 7.20     | \$2,475.00 | \$17,820.00 | \$3,700.00  | \$26,640.00 |            |       |
| 604.154   | CATCH BASINS TYPE E, 4-FOOT DIAMETER                                 | U    | 1.10     | \$2,695.00 | \$2,964.50  | \$4,700.00  | \$5,170.00  |            |       |
| 605.506   | 6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN                          | LF   | 350.00   | \$18.25    | \$6,387.50  | \$32.00   | \$11,200.00 |            |       |
| 605.79    | UNDERDRAIN FLUSHING BASINS   | EA   | 2.00     | \$350.00   | \$700.00    | \$450.00  | \$900.00    |            |       |
| 606.1254  | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGR, TL 3)<br>(STEEL POST)       | U    | 4.00     | \$3,400.00 | \$13,600.00 | \$4,250.00  | \$17,000.00 |            |       |
| 606.18001 | 31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK<br>(STEEL POST)            | LF   | 1,050.00 | \$27.20    | \$28,560.00 | \$33.00   | \$34,650.00 |            |       |
| 606.417   | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL                        | LF   | 1,100.00 | \$30.00    | \$33,000.00 | \$33.00   | \$36,300.00 |            |       |
| 606.93    | TEMPORARY BEAM GUARDRAIL   | LF   | 200.00   | \$15.00    | \$3,000.00  | \$25.00   | \$5,000.00  |            |       |
| 606.93254 | TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT<br>EAGR, TL-3) (STEEL POSTS) | U    | 1.00     | \$2,750.00 | \$2,750.00  | \$2,000.00  | \$2,000.00  |            |       |
| 606.9522  | TEMP. IMPACT ATTENUATION DEVICE<br>(NON-REDIRECTIVE) TEST LEVEL 2    | U    | 5.00     | \$5,500.00 | \$27,500.00 | \$2,000.00  | \$10,000.00 |            |       |
| 609.01    | STRAIGHT GRANITE CURB  | LF   | 130.00   | \$35.00    | \$4,550.00  | \$50.00   | \$6,500.00  |            |       |
| 609.811   | BITUMINOUS CURB, TYPE B (4" REVEAL)                                  | LF   | 1,100.00 | \$7.50     | \$8,250.00  | \$6.00  | \$6,600.00  |            |       |
| 615.0201  | TRAFFIC SIGN TYPE B  | SF   | 1.66     | \$75.00    | \$124.50    | \$225.00  | \$373.50    |            |       |
| 615.023   | REMOVING TRAFFIC SIGN TYPE B   | U    | 7.00     | \$155.00   | \$1,085.00  | \$65.00   | \$455.00    |            |       |
| 615.024   | RELOCATING TRAFFIC SIGN TYPE B                                       | U    | 1.00     | \$280.00   | \$280.00    | \$125.00  | \$125.00    |            |       |
| 615.0301  | TRAFFIC SIGN TYPE C  | SF   | 34.50    | \$46.00    | \$1,587.00  | \$60.00   | \$2,070.00  |            |       |
| 615.033   | REMOVING TRAFFIC SIGN, TYPE C  | U    | 2.00     | \$400.00   | \$800.00    | \$125.00  | \$250.00    |            |       |



# ABC Bid Data

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| Item No. | Description  | Unit | Quantity  | P&A          |              | NORTHEAST EARTH MECHANICS INC<br>159 BARNSTEAD ROAD<br>PITTSFIELD, NH 03263 |             | Unit Price | Total |
|----------|--|------|-----------|--------------|--------------|---|-------------|------------|-------|
|          |  |      |           | Unit Price   | Total        | Unit Price  | Total       |            |       |
| 615.0501 | TRAFFIC SIGN TYPE BB                                       | SF   | 1.66      | \$30.00      | \$49.80      | \$75.00   | \$124.50    |            |       |
| 615.0601 | TRAFFIC SIGN TYPE CC                                       | SF   | 2.19      | \$20.00      | \$43.80      | \$55.00   | \$120.45    |            |       |
| 616.171  | PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM                      | U    | 1.00      | \$62,850.00  | \$62,850.00  | \$75,000.00   | \$75,000.00 |            |       |
| 618.61   | UNIFORMED OFFICERS WITH VEHICLE                            | \$   | 6,000.00  | \$1.00       | \$6,000.00   | \$1.00  | \$6,000.00  |            |       |
| 618.7    | FLAGGERS   | HR   | 2,000.00  | \$30.00      | \$60,000.00  | \$41.00   | \$82,000.00 |            |       |
| 619.1    | MAINTENANCE OF TRAFFIC                                     | U    | 1.00      | \$100,000.00 | \$100,000.00 | \$75,000.00   | \$75,000.00 |            |       |
| 619.25   | PORTABLE CHANGEABLE MESSAGE SIGN                           | U    | 5.00      | \$5,000.00   | \$25,000.00  | \$10,000.00   | \$50,000.00 |            |       |
| 619.279  | AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN                 | U    | 2.00      | \$2,490.00   | \$4,980.00   | \$10,000.00   | \$20,000.00 |            |       |
| 621.2    | RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR                  | EA   | 15.00     | \$5.35       | \$80.25      | \$8.50  | \$127.50    |            |       |
| 621.31   | SINGLE DELINEATOR WITH POST                                | EA   | 25.00     | \$52.00      | \$1,300.00   | \$61.00   | \$1,525.00  |            |       |
| 621.32   | DOUBLE DELINEATOR WITH POST                                | EA   | 2.00      | \$56.00      | \$112.00     | \$66.00   | \$132.00    |            |       |
| 622.1    | STEEL WITNESS MARKERS                                      | EA   | 12.00     | \$38.00      | \$456.00     | \$39.00   | \$468.00    |            |       |
| 622.2    | CONCRETE BOUNDS  | EA   | 9.00      | \$350.00     | \$3,150.00   | \$500.00  | \$4,500.00  |            |       |
| 628.2    | SAWED BITUMINOUS PAVEMENT                                  | LF   | 110.00    | \$2.45       | \$269.50     | \$5.00  | \$550.00    |            |       |
| 632.0104 | RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE               | LF   | 17,000.00 | \$0.40       | \$6,800.00   | \$0.29  | \$4,930.00  |            |       |
| 632.1104 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE | LF   | 4,500.00  | \$1.68       | \$7,560.00   | \$2.00  | \$9,000.00  |            |       |
| 632.3118 | RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE          | LF   | 30.00     | \$7.00       | \$210.00     | \$77.00   | \$2,310.00  |            |       |
| 645.3    | EROSION STONE  | TON  | 300.00    | \$30.00      | \$9,000.00   | \$27.00   | \$8,100.00  |            |       |
| 645.44   | TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)         | SY   | 1,250.00  | \$2.50       | \$3,125.00   | \$2.70  | \$3,375.00  |            |       |
| 645.512  | COMPOST SOCK FOR PERIMETER BERM                            | LF   | 1,650.00  | \$5.10       | \$8,415.00   | \$4.50  | \$7,425.00  |            |       |
| 645.531  | SILT FENCE   | LF   | 1,650.00  | \$3.36       | \$5,544.00   | \$3.50  | \$5,775.00  |            |       |
| 645.611  | BONDED FIBER MATRIX (BFM)                                  | LB   | 3,850.00  | \$1.50       | \$5,775.00   | \$1.60  | \$6,160.00  |            |       |
| 645.7    | STORM WATER POLLUTION PREVENTION PLAN                      | U    | 1.00      | \$4,500.00   | \$4,500.00   | \$7,500.00  | \$7,500.00  |            |       |
| 645.71   | MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS         | HR   | 380.00    | \$100.00     | \$38,000.00  | \$75.00   | \$28,500.00 |            |       |
| 646.2    | TURF ESTABLISHMENT WITHOUT MULCH                           | A    | 1.60      | \$1,500.00   | \$2,400.00   | \$2,300.00  | \$3,680.00  |            |       |
| 646.3    | TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS               | A    | 2.15      | \$2,290.00   | \$4,923.50   | \$3,500.00  | \$7,525.00  |            |       |



# ABC Bid Data

DANBURY  
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X-A001(230)

| Item No.            | Description  | Unit | Quantity  | P&E                   |                       | NORTHEAST EARTH MECHANICS INC<br>159 BARNSTEAD ROAD<br>PITTSFIELD, NH 03253 |              | Unit Price | Total |
|---------------------|--|------|-----------|-----------------------|-----------------------|---|--------------|------------|-------|
|                     |  |      |           | Unit Price            | Total                 | Unit Price  | Total        |            |       |
| 647.1               | HUMUS  | CY   | 2,350.00  | \$20.00               | \$47,000.00           | \$20.00   | \$47,000.00  |            |       |
| 670.0441            | RELOCATE HISTORIC FEATURE                                  | U    | 1.00      | \$5,000.00            | \$5,000.00            | \$3,500.00  | \$3,500.00   |            |       |
| 670.04501           | CONSTRUCT AND REMOVE DIVERSION                             | U    | 1.00      | \$12,000.00           | \$12,000.00           | \$25,000.00   | \$25,000.00  |            |       |
| 670.04502           | CONSTRUCT AND REMOVE DIVERSION                             | U    | 1.00      | \$15,000.00           | \$15,000.00           | \$25,000.00   | \$25,000.00  |            |       |
| 670.066             | MAILBOX SUPPORT ASSEMBLIES                                 | EA   | 1.00      | \$368.63              | \$368.63              | \$300.00  | \$300.00     |            |       |
| 670.104             | TEMPORARY PORTABLE LIGHTING                                | U    | 4.00      | \$5,000.00            | \$20,000.00           | \$4,000.00  | \$16,000.00  |            |       |
| 670.822             | GNSS CONSTRUCTION INSPECTION EQUIPMENT                     | U    | 1.00      | \$30,000.00           | \$30,000.00           | \$30,000.00   | \$30,000.00  |            |       |
| 670.95              | TEMPORARY SAFETY FENCE                                     | LF   | 500.00    | \$5.00                | \$2,500.00            | \$2.75  | \$1,375.00   |            |       |
| 692.                | MOBILIZATION   | U    | 1.00      | \$300,000.00          | \$300,000.00          | \$550,000.00  | \$550,000.00 |            |       |
| 697.31              | PROJECT OPERATIONS PLAN                                    | U    | 1.00      | \$4,000.00            | \$4,000.00            | \$3,500.00  | \$3,500.00   |            |       |
| 698.12              | FIELD OFFICE TYPE B  | MON  | 23.00     | \$2,000.00            | \$46,000.00           | \$1,700.00  | \$39,100.00  |            |       |
| 698.2               | PHYSICAL TESTING LABORATORY                                | MON  | 20.00     | \$900.00              | \$18,000.00           | \$950.00  | \$19,000.00  |            |       |
| 699.                | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL       | \$   | 25,000.00 | \$1.00                | \$25,000.00           | \$1.00  | \$25,000.00  |            |       |
| 1008.53             | ALTERATIONS AND ADDITIONS AS NEEDED - SOLID WASTE DISPOSAL | \$   | 5,000.00  | \$1.00                | \$5,000.00            | \$1.00  | \$5,000.00   |            |       |
| 1010.16             | FUEL ADJUSTMENT  | \$   | 40,000.00 | \$1.00                | \$40,000.00           | \$1.00  | \$40,000.00  |            |       |
| 1010.2              | ASPHALT CEMENT ADJUSTMENT                                  | \$   | 10,000.00 | \$1.00                | \$10,000.00           | \$1.00  | \$10,000.00  |            |       |
| 1010.41             | QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE     | \$   | 16,000.00 | \$1.00                | \$16,000.00           | \$1.00  | \$16,000.00  |            |       |
| <b>Totals:</b>      |  |      |           | <b>\$4,563,181.90</b> | <b>\$5,785,958.15</b> |   |              |            |       |
| <b>Alt. Totals:</b> |  |      |           |                       |                       |   |              |            |       |
| <b>Totals:</b>      |  |      |           | <b>\$4,563,181.90</b> | <b>\$5,785,958.15</b> |   |              |            |       |



## PS&E Comparison

DANBURY  
16303  
X-A001(230)

| Item No.     | Description  | Unit | Quantity | A-Bidder    |             | PS&E       |             | A-PS&E Difference |
|--------------|--|------|----------|-------------|-------------|------------|-------------|-------------------|
|              |  |      |          | Unit Price  | Total       | Unit Price | Total       |                   |
| <b>Items</b> |  |      |          |             |             |            |             |                   |
| 201.1        | CLEARING AND GRUBBING (F)                          | A    | 2.07     | \$15,000.00 | \$31,050.00 | \$8,800.00 | \$18,216.00 | \$12,834.00       |
| 201.21       | REMOVING SMALL TREES                               | EA   | 13.00    | \$125.00    | \$1,625.00  | \$525.00   | \$6,825.00  | (\$5,200.00)      |
| 202.31       | FILL ABANDONED PIPE                                | CY   | 7.00     | \$300.00    | \$2,100.00  | \$348.81   | \$2,441.67  | (\$341.67)        |
| 202.41       | REMOVAL OF EXISTING PIPE 0-24" DIAMETER            | LF   | 320.00   | \$20.00     | \$6,400.00  | \$15.81    | \$5,059.20  | \$1,340.80        |
| 202.5        | REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES | EA   | 1.00     | \$300.00    | \$300.00    | \$353.00   | \$353.00    | (\$53.00)         |
| 202.7        | REMOVAL OF GUARDRAIL                               | LF   | 1,050.00 | \$3.25      | \$3,412.50  | \$5.00     | \$5,250.00  | (\$1,837.50)      |
| 202.97       | CONCRETE RUBBLE PROCESSING                         | CY   | 200.00   | \$43.00     | \$8,600.00  | \$25.00    | \$5,000.00  | \$3,600.00        |
| 203.1        | COMMON EXCAVATION                                  | CY   | 6,450.00 | \$8.75      | \$56,437.50 | \$10.00    | \$64,500.00 | (\$8,062.50)      |
| 203.11       | COMMON EXCAVATION - LRS                            | CY   | 2,350.00 | \$9.00      | \$21,150.00 | \$14.00    | \$32,900.00 | (\$11,750.00)     |
| 203.2        | ROCK EXCAVATION                                    | CY   | 25.00    | \$125.00    | \$3,125.00  | \$50.00    | \$1,250.00  | \$1,875.00        |
| 203.3        | UNCLASSIFIED EXCAVATION                            | CY   | 920.00   | \$10.25     | \$9,430.00  | \$20.00    | \$18,400.00 | (\$8,970.00)      |
| 203.4        | MUCK EXCAVATION                                    | CY   | 310.00   | \$15.00     | \$4,650.00  | \$15.00    | \$4,650.00  | \$0.00            |
| 203.5525     | PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM          | U    | 5.00     | \$1,150.00  | \$5,750.00  | \$1,000.00 | \$5,000.00  | \$750.00          |
| 203.5561     | EAGRT PLATFORM PREFERRED                           | U    | 4.00     | \$1,175.00  | \$4,700.00  | \$1,750.00 | \$7,000.00  | (\$2,300.00)      |



## PS&E Comparison

DANBURY  
16303  
X-A001(230)

| Item No.  | Description   | Unit | Quantity  | A-Bidder    |              | PS&E        |              | A-PS&E Difference |
|-----------|---|------|-----------|-------------|--------------|-------------|--------------|-------------------|
|           |   |      |           | Unit Price  | Total        | Unit Price  | Total        |                   |
| 203.55619 | TEMPORARY EAGRT PLATFORM, PREFERRED                         | U    | 1.00      | \$1,175.00  | \$1,175.00   | \$1,500.00  | \$1,500.00   | (\$325.00)        |
| 203.6     | EMBANKMENT-IN-PLACE (F)                                     | CY   | 27,700.00 | \$8.80      | \$243,760.00 | \$8.50      | \$235,450.00 | \$8,310.00        |
| 203.661   | GRAVEL BACKFILL FOR MUCK AND UNSUITABLE MATERIAL EXCAVATION | CY   | 310.00    | \$17.50     | \$5,425.00   | \$35.00     | \$10,850.00  | (\$5,425.00)      |
| 206.1     | COMMON STRUCTURE EXCAVATION                                 | CY   | 200.00    | \$23.75     | \$4,750.00   | \$25.00     | \$5,000.00   | (\$250.00)        |
| 206.19    | COMMON STRUCTURE EXCAVATION EXPLORATORY                     | CY   | 5.00      | \$100.00    | \$500.00     | \$150.00    | \$750.00     | (\$250.00)        |
| 206.2     | ROCK STRUCTURE EXCAVATION                                   | CY   | 5.00      | \$150.00    | \$750.00     | \$150.00    | \$750.00     | \$0.00            |
| 209.201   | GRANULAR BACKFILL (BRIDGE) (F)                              | CY   | 3,750.00  | \$27.00     | \$101,250.00 | \$40.00     | \$150,000.00 | (\$48,750.00)     |
| 214.      | FINE GRADING  | U    | 1.00      | \$25,750.00 | \$25,750.00  | \$14,700.00 | \$14,700.00  | \$11,050.00       |
| 304.1     | SAND (F)  | CY   | 3,400.00  | \$14.00     | \$47,600.00  | \$18.00     | \$61,200.00  | (\$13,600.00)     |
| 304.2     | GRAVEL (F)  | CY   | 3,650.00  | \$14.00     | \$51,100.00  | \$28.00     | \$102,200.00 | (\$51,100.00)     |
| 304.3     | CRUSHED GRAVEL (F)  | CY   | 3,500.00  | \$21.00     | \$73,500.00  | \$31.00     | \$108,500.00 | (\$35,000.00)     |
| 304.32    | CRUSHED GRAVEL FOR SHOULDER LEVELING                        | TON  | 10.00     | \$50.00     | \$500.00     | \$35.00     | \$350.00     | \$150.00          |
| 304.35    | CRUSHED GRAVEL FOR DRIVES                                   | CY   | 60.00     | \$33.00     | \$1,980.00   | \$50.00     | \$3,000.00   | (\$1,020.00)      |
| 304.754   | 4" STONE DUST WEARING SURFACE FOR TRAILS                    | CY   | 50.00     | \$73.50     | \$3,675.00   | \$110.00    | \$5,500.00   | (\$1,825.00)      |
| 403.11033 | HBP-3/4" WINTER BINDER MIX, MACHINE METHOD                  | TON  | 1,800.00  | \$83.00     | \$149,400.00 | \$75.00     | \$135,000.00 | \$14,400.00       |
| 403.11043 | HBP-1/2" SURFACE MIX, MACHINE METHOD                        | TON  | 750.00    | \$88.00     | \$66,000.00  | \$80.00     | \$60,000.00  | \$6,000.00        |
| 403.12    | HBP-HAND METHOD   | TON  | 10.00     | \$210.00    | \$2,100.00   | \$250.00    | \$2,500.00   | (\$400.00)        |



## PS&E Comparison

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16303  
X-A001(230)

| Item No.  | Description                                  | Unit | Quantity | A-Bidder     |              | PS&E        |              | A-PS&E Difference |
|-----------|--|------|----------|--------------|--------------|-------------|--------------|-------------------|
|           |  |      |          | Unit Price   | Total        | Unit Price  | Total        |                   |
| 403.16    | PAVEMENT JOINT ADHESIVE                      | LF   | 7,290.00 | \$0.33       | \$2,405.70   | \$0.29      | \$2,114.10   | \$291.60          |
| 403.19    | HBP-TEMPORARY                                | TON  | 200.00   | \$120.00     | \$24,000.00  | \$95.00     | \$19,000.00  | \$5,000.00        |
| 403.21053 | HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)   | TON  | 15.00    | \$140.00     | \$2,100.00   | \$200.00    | \$3,000.00   | (\$900.00)        |
| 403.26    | PAVEMENT JOINT ADHESIVE (BRIDGE BASE)        | LF   | 486.00   | \$1.10       | \$534.60     | \$4.50      | \$2,187.00   | (\$1,652.40)      |
| 403.4     | MATERIAL TRANSFER VEHICLE (MTV)              | TON  | 2,550.00 | \$5.25       | \$13,387.50  | \$2.50      | \$6,375.00   | \$7,012.50        |
| 410.22    | ASPHALT EMULSION FOR TACK COAT               | GAL  | 500.00   | \$8.00       | \$4,000.00   | \$3.60      | \$1,800.00   | \$2,200.00        |
| 417.      | COLD PLANING BITUMINOUS SURFACES             | SY   | 850.00   | \$8.50       | \$7,225.00   | \$4.50      | \$3,825.00   | \$3,400.00        |
| 502.101   | REMOVAL OF EXISTING BRIDGE STRUCTURE         | U    | 1.00     | \$69,000.00  | \$69,000.00  | \$50,000.00 | \$50,000.00  | \$19,000.00       |
| 502.102   | REMOVAL OF EXISTING BRIDGE STRUCTURE         | U    | 1.00     | \$34,500.00  | \$34,500.00  | \$74,107.50 | \$74,107.50  | (\$39,607.50)     |
| 503.201   | COFFERDAMS                                   | U    | 1.00     | \$171,600.00 | \$171,600.00 | \$25,000.00 | \$25,000.00  | \$146,600.00      |
| 503.301   | COFFERDAMS WITH SHEETING LEFT-IN-PLACE       | U    | 1.00     | \$156,000.00 | \$156,000.00 | \$30,000.00 | \$30,000.00  | \$126,000.00      |
| 504.1     | COMMON BRIDGE EXCAVATION (F)                 | CY   | 2,100.00 | \$35.00      | \$73,500.00  | \$20.00     | \$42,000.00  | \$31,500.00       |
| 508.      | STRUCTURAL FILL                              | CY   | 225.00   | \$42.00      | \$9,450.00   | \$50.00     | \$11,250.00  | (\$1,800.00)      |
| 520.0302  | CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F) | CY   | 161.00   | \$374.50     | \$60,294.50  | \$500.00    | \$80,500.00  | (\$20,205.50)     |
| 520.1     | CONCRETE CLASS A                             | CY   | 6.00     | \$1,100.00   | \$6,600.00   | \$1,000.00  | \$6,000.00   | \$600.00          |
| 520.12    | CONCRETE CLASS A, ABOVE FOOTINGS (F)         | CY   | 1,234.00 | \$624.00     | \$770,016.00 | \$625.00    | \$771,250.00 | (\$1,234.00)      |
| 520.213   | CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)     | CY   | 585.00   | \$348.50     | \$203,872.50 | \$400.00    | \$234,000.00 | (\$30,127.50)     |



## PS&E Comparison

DANBURY  
16303  
X-A001(230)

| Item No. | Description  | Unit | Quantity   | A-Bidder   |              | PS&E       |              | A-PS&E Difference |
|----------|--|------|------------|------------|--------------|------------|--------------|-------------------|
|          |  |      |            | Unit Price | Total        | Unit Price | Total        |                   |
| 520.7002 | CONCRETE BRIDGE DECK (QC/QA) (F)                         | CY   | 111.00     | \$1,040.00 | \$115,440.00 | \$1,200.00 | \$133,200.00 | (\$17,760.00)     |
| 528.51   | PRESTRESSED CONCRETE DECK PANELS (F)                     | SF   | 1,285.00   | \$28.10    | \$36,108.50  | \$40.00    | \$51,400.00  | (\$15,291.50)     |
| 534.3    | WATER REPELLENT (SILANE/SILOXANE)                        | GAL  | 55.00      | \$83.20    | \$4,576.00   | \$85.00    | \$4,675.00   | (\$99.00)         |
| 538.2    | BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F) | SY   | 100.00     | \$52.00    | \$5,200.00   | \$50.00    | \$5,000.00   | \$200.00          |
| 538.5    | BARRIER MEMBRANE, HEAT WELDED (F)                        | SY   | 254.00     | \$31.20    | \$7,924.80   | \$42.00    | \$10,668.00  | (\$2,743.20)      |
| 540.42   | SCUPPER (FRP)  | EA   | 2.00       | \$5,200.00 | \$10,400.00  | \$4,700.00 | \$9,400.00   | \$1,000.00        |
| 541.2    | PVC WATERSTOPS, NH TYPE 2 (F)                            | LF   | 184.00     | \$15.60    | \$2,870.40   | \$10.00    | \$1,840.00   | \$1,030.40        |
| 541.4    | PVC WATERSTOPS, NH TYPE 4 (F)                            | LF   | 110.00     | \$18.75    | \$2,062.50   | \$15.00    | \$1,650.00   | \$412.50          |
| 541.5    | PVC WATERSTOPS, NH TYPE 5 (F)                            | LF   | 151.00     | \$15.60    | \$2,355.60   | \$10.00    | \$1,510.00   | \$845.60          |
| 544.     | REINFORCING STEEL (F)                                    | LB   | 149,536.00 | \$1.56     | \$233,276.16 | \$1.40     | \$209,350.40 | \$23,925.76       |
| 544.1    | REINFORCING STEEL (ROADWAY)                              | LB   | 90.00      | \$2.00     | \$180.00     | \$3.00     | \$270.00     | (\$90.00)         |
| 544.2    | REINFORCING STEEL, EPOXY COATED (F)                      | LB   | 47,884.00  | \$2.08     | \$99,598.72  | \$1.50     | \$71,826.00  | \$27,772.72       |
| 544.7    | SYNTHETIC FIBER REINFORCEMENT (F)                        | LB   | 860.00     | \$8.32     | \$7,155.20   | \$8.30     | \$7,138.00   | \$17.20           |
| 547.     | SHEAR CONNECTORS (F)                                     | EA   | 1,210.00   | \$10.40    | \$12,584.00  | \$6.00     | \$7,260.00   | \$5,324.00        |
| 548.21   | ELASTOMERIC BEARING ASSEMBLIES (F)                       | EA   | 10.00      | \$3,120.00 | \$31,200.00  | \$1,850.00 | \$18,500.00  | \$12,700.00       |
| 550.1    | STRUCTURAL STEEL (F)                                     | LB   | 69,334.00  | \$3.12     | \$216,322.08 | \$2.50     | \$173,335.00 | \$42,987.08       |
| 559.41   | ASPHALTIC PLUG FOR CRACK CONTROL (F)                     | LF   | 66.00      | \$104.00   | \$6,864.00   | \$110.00   | \$7,260.00   | (\$396.00)        |



## PS&E Comparison

DANBURY  
16303  
X-A001(230)

| Item No.  | Description                                  | Unit | Quantity | A-Bidder   |             | PS&E       |             | A-PS&E Difference |
|-----------|--|------|----------|------------|-------------|------------|-------------|-------------------|
|           |  |      |          | Unit Price | Total       | Unit Price | Total       |                   |
| 561.1001  | PREFABRICATED STRIP SEAL EXPANSION JOINT (F) | LF   | 76.00    | \$639.60   | \$48,609.60 | \$650.00   | \$49,400.00 | (\$790.40)        |
| 562.1     | SILICONE JOINT SEALANT (F)                   | LF   | 161.00   | \$12.48    | \$2,009.28  | \$25.00    | \$4,025.00  | (\$2,015.72)      |
| 563.23    | BRIDGE RAIL T3                               | LF   | 254.00   | \$244.40   | \$62,077.60 | \$160.00   | \$40,640.00 | \$21,437.60       |
| 563.233   | BRIDGE RAIL T3 WITH SNOW SCREENING           | LF   | 88.00    | \$317.20   | \$27,913.60 | \$200.00   | \$17,600.00 | \$10,313.60       |
| 565.232   | BRIDGE APPROACH RAIL T3 (STEEL POSTS)        | U    | 4.00     | \$9,880.00 | \$39,520.00 | \$6,250.00 | \$25,000.00 | \$14,520.00       |
| 585.2     | STONE FILL, CLASS B                          | CY   | 1,700.00 | \$46.25    | \$78,625.00 | \$40.00    | \$68,000.00 | \$10,625.00       |
| 585.3     | STONE FILL, CLASS C                          | CY   | 60.00    | \$60.00    | \$3,600.00  | \$55.00    | \$3,300.00  | \$300.00          |
| 593.411   | GEOTEXTILE: PERM CONTROL CL.1, NON-WOVEN     | SY   | 2,700.00 | \$2.25     | \$6,075.00  | \$4.00     | \$10,800.00 | (\$4,725.00)      |
| 603.0001  | VIDEO INSPECTION                             | LF   | 1,080.00 | \$2.25     | \$2,430.00  | \$2.14     | \$2,311.20  | \$118.80          |
| 603.00215 | 15" R.C. PIPE, 2000D                         | LF   | 670.00   | \$67.00    | \$44,890.00 | \$45.00    | \$30,150.00 | \$14,740.00       |
| 603.00218 | 18" R.C. PIPE, 2000D                         | LF   | 40.00    | \$105.00   | \$4,200.00  | \$77.00    | \$3,080.00  | \$1,120.00        |
| 603.00224 | 24" R.C. PIPE, 2000D                         | LF   | 190.00   | \$163.00   | \$30,970.00 | \$100.00   | \$19,000.00 | \$11,970.00       |
| 603.00318 | 18" R.C. PIPE, 3000D                         | LF   | 180.00   | \$155.00   | \$27,900.00 | \$80.00    | \$14,400.00 | \$13,500.00       |
| 603.30115 | 15" R.C. END SECTIONS                        | EA   | 2.00     | \$1,015.00 | \$2,030.00  | \$800.00   | \$1,600.00  | \$430.00          |
| 603.30118 | 18" R.C. END SECTIONS                        | EA   | 1.00     | \$1,100.00 | \$1,100.00  | \$900.00   | \$900.00    | \$200.00          |
| 603.30124 | 24" R.C. END SECTIONS                        | EA   | 2.00     | \$1,425.00 | \$2,850.00  | \$950.00   | \$1,900.00  | \$950.00          |
| 603.99012 | 12" TEMPORARY DRAINAGE PIPE                  | LF   | 50.00    | \$48.00    | \$2,400.00  | \$60.00    | \$3,000.00  | (\$600.00)        |



## PS&E Comparison

DANBURY  
16303  
X-A001(230)

| Item No.  | Description  | Unit | Quantity | A-Bidder   |             | PS&E       |             | A-PS&E Difference |
|-----------|--|------|----------|------------|-------------|------------|-------------|-------------------|
|           |  |      |          | Unit Price | Total       | Unit Price | Total       |                   |
| 603.99018 | 18" TEMPORARY DRAINAGE PIPE  | LF   | 55.00    | \$62.00    | \$3,410.00  | \$80.00    | \$4,400.00  | (\$990.00)        |
| 603.99024 | 24" TEMPORARY DRAINAGE PIPE  | LF   | 25.00    | \$124.00   | \$3,100.00  | \$100.00   | \$2,500.00  | \$600.00          |
| 604.0007  | POLYETHYLENE LINER   | EA   | 7.00     | \$255.00   | \$1,785.00  | \$145.55   | \$1,018.85  | \$766.15          |
| 604.124   | CATCH BASINS TYPE B, 4-FOOT DIAMETER                               | U    | 7.20     | \$2,650.00 | \$19,080.00 | \$2,475.00 | \$17,820.00 | \$1,260.00        |
| 604.154   | CATCH BASINS TYPE E, 4-FOOT DIAMETER                               | U    | 1.10     | \$3,750.00 | \$4,125.00  | \$2,695.00 | \$2,964.50  | \$1,160.50        |
| 605.506   | 6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN                        | LF   | 350.00   | \$24.50    | \$8,575.00  | \$18.25    | \$6,387.50  | \$2,187.50        |
| 605.79    | UNDERDRAIN FLUSHING BASINS   | EA   | 2.00     | \$535.00   | \$1,070.00  | \$350.00   | \$700.00    | \$370.00          |
| 606.1254  | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)       | U    | 4.00     | \$4,050.00 | \$16,200.00 | \$3,400.00 | \$13,600.00 | \$2,600.00        |
| 606.18001 | 31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)             | LF   | 1,050.00 | \$31.50    | \$33,075.00 | \$27.20    | \$28,560.00 | \$4,515.00        |
| 606.417   | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL                      | LF   | 1,100.00 | \$12.00    | \$13,200.00 | \$30.00    | \$33,000.00 | (\$19,800.00)     |
| 606.93    | TEMPORARY BEAM GUARDRAIL   | LF   | 200.00   | \$31.50    | \$6,300.00  | \$15.00    | \$3,000.00  | \$3,300.00        |
| 606.93254 | TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT EAGRT, TL-3) (STEEL POSTS) | U    | 1.00     | \$2,900.00 | \$2,900.00  | \$2,750.00 | \$2,750.00  | \$150.00          |
| 606.9522  | TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2     | U    | 5.00     | \$1,700.00 | \$8,500.00  | \$5,500.00 | \$27,500.00 | (\$19,000.00)     |
| 609.01    | STRAIGHT GRANITE CURB  | LF   | 130.00   | \$47.50    | \$6,175.00  | \$35.00    | \$4,550.00  | \$1,625.00        |
| 609.811   | BITUMINOUS CURB, TYPE B (4" REVEAL)                                | LF   | 1,100.00 | \$6.50     | \$7,150.00  | \$7.50     | \$8,250.00  | (\$1,100.00)      |
| 615.0201  | TRAFFIC SIGN TYPE B  | SF   | 1.66     | \$80.00    | \$132.80    | \$75.00    | \$124.50    | \$8.30            |



## PS&E Comparison

DANBURY  
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X-A001(230)

| Item No. | Description                                | Unit | Quantity | A-Bidder    |             | PS&E         |              | A-PS&E Difference |
|----------|--|------|----------|-------------|-------------|--------------|--------------|-------------------|
|          |  |      |          | Unit Price  | Total       | Unit Price   | Total        |                   |
| 615.023  | REMOVING TRAFFIC SIGN TYPE B               | U    | 7.00     | \$215.00    | \$1,505.00  | \$155.00     | \$1,085.00   | \$420.00          |
| 615.024  | RELOCATING TRAFFIC SIGN TYPE B             | U    | 1.00     | \$550.00    | \$550.00    | \$280.00     | \$280.00     | \$270.00          |
| 615.0301 | TRAFFIC SIGN TYPE C                        | SF   | 34.50    | \$63.00     | \$2,173.50  | \$46.00      | \$1,587.00   | \$586.50          |
| 615.033  | REMOVING TRAFFIC SIGN, TYPE C              | U    | 2.00     | \$55.00     | \$110.00    | \$400.00     | \$800.00     | (\$690.00)        |
| 615.0501 | TRAFFIC SIGN TYPE BB                       | SF   | 1.66     | \$55.00     | \$91.30     | \$30.00      | \$49.80      | \$41.50           |
| 615.0601 | TRAFFIC SIGN TYPE CC                       | SF   | 2.19     | \$33.00     | \$72.27     | \$20.00      | \$43.80      | \$28.47           |
| 616.171  | PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM      | U    | 1.00     | \$11,600.00 | \$11,600.00 | \$62,850.00  | \$62,850.00  | (\$51,250.00)     |
| 618.61   | UNIFORMED OFFICERS WITH VEHICLE            | \$   | 6,000.00 | \$1.00      | \$6,000.00  | \$1.00       | \$6,000.00   | \$0.00            |
| 618.7    | FLAGGERS                                   | HR   | 2,000.00 | \$46.00     | \$92,000.00 | \$30.00      | \$60,000.00  | \$32,000.00       |
| 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    | 5.00     | \$4,000.00  | \$20,000.00 | \$5,000.00   | \$25,000.00  | (\$5,000.00)      |
| 619.279  | AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN | U    | 2.00     | \$1,550.00  | \$3,100.00  | \$2,490.00   | \$4,980.00   | (\$1,880.00)      |
| 621.2    | RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR  | EA   | 15.00    | \$8.00      | \$120.00    | \$5.35       | \$80.25      | \$39.75           |
| 621.31   | SINGLE DELINEATOR WITH POST                | EA   | 25.00    | \$58.00     | \$1,450.00  | \$52.00      | \$1,300.00   | \$150.00          |
| 621.32   | DOUBLE DELINEATOR WITH POST                | EA   | 2.00     | \$65.00     | \$130.00    | \$56.00      | \$112.00     | \$18.00           |
| 622.1    | STEEL WITNESS MARKERS                      | EA   | 12.00    | \$37.50     | \$450.00    | \$38.00      | \$456.00     | (\$6.00)          |
| 622.2    | CONCRETE BOUNDS                            | EA   | 9.00     | \$250.00    | \$2,250.00  | \$350.00     | \$3,150.00   | (\$900.00)        |



## PS&E Comparison

DANBURY  
16303  
X-A001(230)

| Item No.  | Description  | Unit | Quantity  | A-Bidder   |             | PS&E        |             | A-PS&E Difference |
|-----------|--|------|-----------|------------|-------------|-------------|-------------|-------------------|
|           |  |      |           | Unit Price | Total       | Unit Price  | Total       |                   |
| 628.2     | SAWED BITUMINOUS PAVEMENT                                  | LF   | 110.00    | \$2.50     | \$275.00    | \$2.45      | \$269.50    | \$5.50            |
| 632.0104  | RETROREFLECTIVE PAINT PAVE. MARKING. 4" LINE               | LF   | 17,000.00 | \$0.27     | \$4,590.00  | \$0.40      | \$6,800.00  | (\$2,210.00)      |
| 632.1104  | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE | LF   | 4,500.00  | \$2.00     | \$9,000.00  | \$1.68      | \$7,560.00  | \$1,440.00        |
| 632.3118  | RETROREFLECT. THERMOPLAS. PAVE. MARKING. 18" LINE          | LF   | 30.00     | \$42.00    | \$1,260.00  | \$7.00      | \$210.00    | \$1,050.00        |
| 645.3     | EROSION STONE  | TON  | 300.00    | \$25.00    | \$7,500.00  | \$30.00     | \$9,000.00  | (\$1,500.00)      |
| 645.44    | TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)         | SY   | 1,250.00  | \$2.45     | \$3,062.50  | \$2.50      | \$3,125.00  | (\$62.50)         |
| 645.512   | COMPOST SOCK FOR PERIMETER BERM                            | LF   | 1,650.00  | \$3.50     | \$5,775.00  | \$5.10      | \$8,415.00  | (\$2,640.00)      |
| 645.531   | SILT FENCE   | LF   | 1,650.00  | \$2.50     | \$4,125.00  | \$3.36      | \$5,544.00  | (\$1,419.00)      |
| 645.611   | BONDED FIBER MATRIX (BFM)                                  | LB   | 3,850.00  | \$1.55     | \$5,967.50  | \$1.50      | \$5,775.00  | \$192.50          |
| 645.7     | STORM WATER POLLUTION PREVENTION PLAN                      | U    | 1.00      | \$3,700.00 | \$3,700.00  | \$4,500.00  | \$4,500.00  | (\$800.00)        |
| 645.71    | MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS         | HR   | 380.00    | \$105.00   | \$39,900.00 | \$100.00    | \$38,000.00 | \$1,900.00        |
| 646.2     | TURF ESTABLISHMENT WITHOUT MULCH                           | A    | 1.60      | \$2,200.00 | \$3,520.00  | \$1,500.00  | \$2,400.00  | \$1,120.00        |
| 646.3     | TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS               | A    | 2.15      | \$3,350.00 | \$7,202.50  | \$2,290.00  | \$4,923.50  | \$2,279.00        |
| 647.1     | HUMUS  | CY   | 2,350.00  | \$23.75    | \$55,812.50 | \$20.00     | \$47,000.00 | \$8,812.50        |
| 670.0441  | RELOCATE HISTORIC FEATURE                                  | U    | 1.00      | \$2,500.00 | \$2,500.00  | \$5,000.00  | \$5,000.00  | (\$2,500.00)      |
| 670.04501 | CONSTRUCT AND REMOVE DIVERSION                             | U    | 1.00      | \$9,150.00 | \$9,150.00  | \$12,000.00 | \$12,000.00 | (\$2,850.00)      |



## PS&E Comparison

DANBURY  
16303  
X-A001(230)

| Item No.      | Description  | Unit | Quantity  | A-Bidder     |                       | PS&E         |                       | A-PS&E Difference   |
|---------------|--|------|-----------|--------------|-----------------------|--------------|-----------------------|---------------------|
|               |  |      |           | Unit Price   | Total                 | Unit Price   | Total                 |                     |
| 670.04502-    | CONSTRUCT AND REMOVE DIVERSION                             | U    | 1.00      | \$13,650.00  | \$13,650.00           | \$15,000.00  | \$15,000.00           | (\$1,350.00)        |
| 670.066       | MAILBOX SUPPORT ASSEMBLIES                                 | EA   | 1.00      | \$250.00     | \$250.00              | \$368.63     | \$368.63              | (\$118.63)          |
| 670.104       | TEMPORARY PORTABLE LIGHTING                                | U    | 4.00      | \$1,000.00   | \$4,000.00            | \$5,000.00   | \$20,000.00           | (\$16,000.00)       |
| 670.822       | GNSS CONSTRUCTION INSPECTION EQUIPMENT                     | U    | 1.00      | \$26,500.00  | \$26,500.00           | \$30,000.00  | \$30,000.00           | (\$3,500.00)        |
| 670.95        | TEMPORARY SAFETY FENCE                                     | LF   | 500.00    | \$5.00       | \$2,500.00            | \$5.00       | \$2,500.00            | \$0.00              |
| 692.          | MOBILIZATION   | U    | 1.00      | \$425,500.00 | \$425,500.00          | \$300,000.00 | \$300,000.00          | \$125,500.00        |
| 697.31        | PROJECT OPERATIONS PLAN                                    | U    | 1.00      | \$3,700.00   | \$3,700.00            | \$4,000.00   | \$4,000.00            | (\$300.00)          |
| 698.12        | FIELD OFFICE TYPE B  | MON  | 23.00     | \$2,500.00   | \$57,500.00           | \$2,000.00   | \$46,000.00           | \$11,500.00         |
| 698.2         | PHYSICAL TESTING LABORATORY                                | MON  | 20.00     | \$1,000.00   | \$20,000.00           | \$900.00     | \$18,000.00           | \$2,000.00          |
| 699.          | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL       | \$   | 25,000.00 | \$1.00       | \$25,000.00           | \$1.00       | \$25,000.00           | \$0.00              |
| 1008.53       | ALTERATIONS AND ADDITIONS AS NEEDED - SOLID WASTE DISPOSAL | \$   | 5,000.00  | \$1.00       | \$5,000.00            | \$1.00       | \$5,000.00            | \$0.00              |
| 1010.15       | FUEL ADJUSTMENT  | \$   | 40,000.00 | \$1.00       | \$40,000.00           | \$1.00       | \$40,000.00           | \$0.00              |
| 1010.2        | ASPHALT CEMENT ADJUSTMENT                                  | \$   | 10,000.00 | \$1.00       | \$10,000.00           | \$1.00       | \$10,000.00           | \$0.00              |
| 1010.41       | QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE     | \$   | 16,000.00 | \$1.00       | \$16,000.00           | \$1.00       | \$16,000.00           | \$0.00              |
| <b>Total:</b> |  |      |           |              | <b>\$4,872,068.71</b> |              | <b>\$4,563,181.90</b> | <b>\$308,886.81</b> |

September 28, 2021

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project involves approximately 0.41 miles of roadway and bridge reconstruction along US 4 in Danbury, starting approximately 1075 L.F. south of the existing bridge and extending to approximately 800 L.F. north of the Spear Hill Road intersection. The work includes full box reconstruction (12 ft. travel lanes and 5 ft. shoulders) with an improved roadway alignment (to the west of the existing bridge crossing), including a new IB-C (I-Beams w/Concrete Deck) bridge crossing over the Northern Rail Trail. The project includes improvements to the Spear Hill Road intersection, matching into the proposed roadway layout. Additionally, the project work will also include drainage upgrades, limited underdrain installation, and the construction of two water treatment swales to address water quality needs.

**FEDERAL FUNDING:** 80% (Program: None-Bridge and Bridge-T1-2-Rehab-Rcn) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

**CONTINGENCY:** The proposed contingency amount is 7% of the contract amount. This is to account for risks associated with addressing concrete debris and bridge piles remaining from prior bridge rehabilitation work, within the proposed bridge and roadway footprint. In addition, the Contractor will need to maintain the rail trail access (as defined in the contract documents), and will also need to manage Limited Reuse Soils which inherently results in uncertainties in staging and coordinating work efforts.

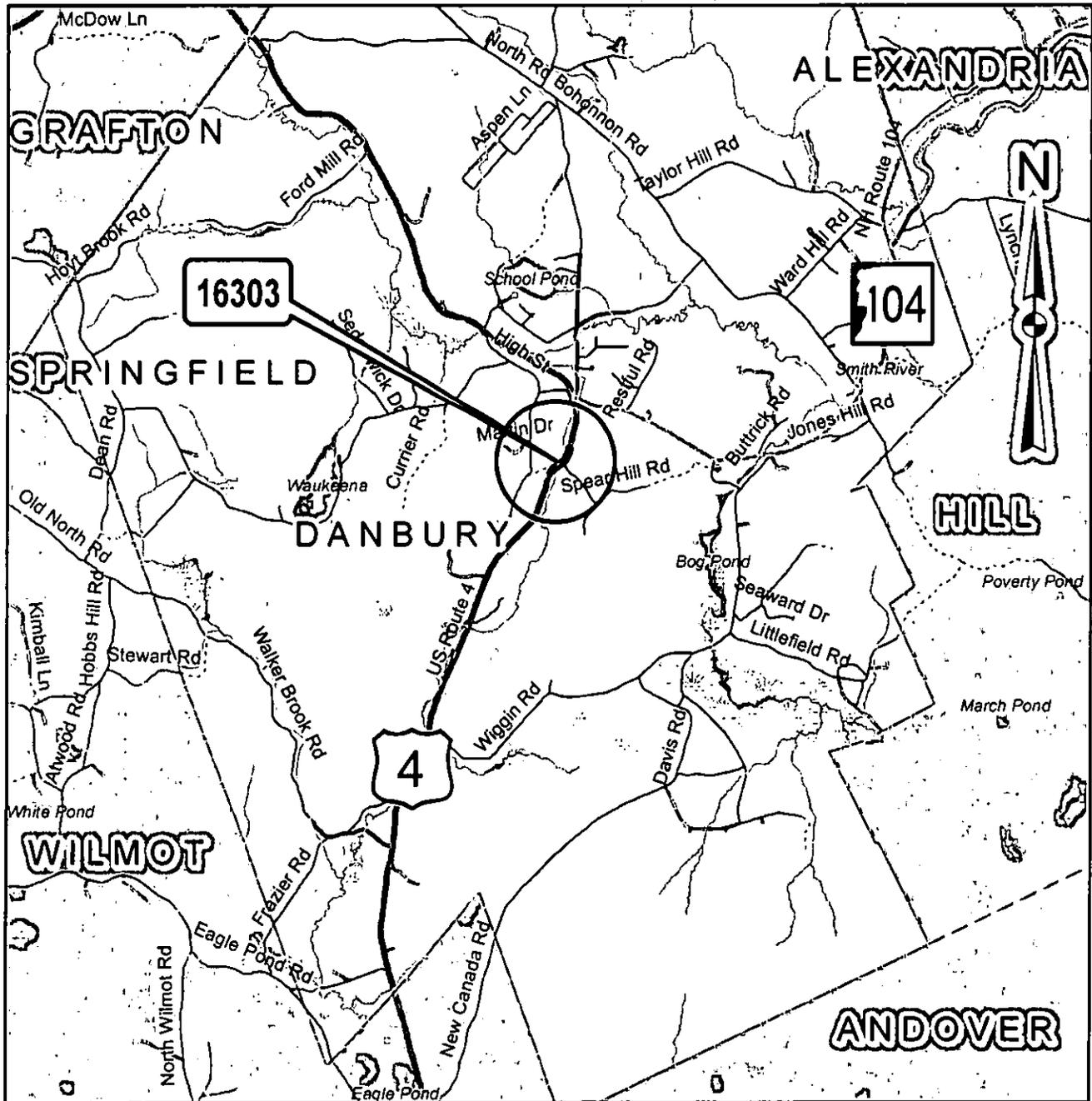
**PROJECT INITIATED:** This project was initiated through the Ten-Year Transportation Improvement Plan.

**PROJECT EXPLANATION:** The project corrects structural and safety deficiencies associated with the red-listed bridge (Br. No. 156/104) while continuing to accommodate the multimodal use of the Northern Rail Trail. The associated approach construction improves the substandard horizontal and vertical alignment of the roadway approaches and provides 12 ft. travel lanes and 5 ft. paved shoulders to improve safety for all users along this segment of roadway. The geometric improvements also address the Spear Hill Road intersection, which provides for a more formalized layout with improved sight distance conditions.

**TRAFFIC IMPLICATION:** The Bridge construction and a portion of the roadway approach work will be off-line. However, alternating two-way traffic construction will be necessary for a portion of the proposed roadway near the outer limits of work (transition areas). This will include utilizing two phases of temporary signal operation for a portion of the work (limited to one construction season) due to differences in grade between the existing and proposed roadway approaches. It is anticipated that this will result in traffic running on sections of unpaved surfaces for short periods of time (maximum of 4 weeks on US 4). One-lane restrictions will not be allowed during winter months. Traffic will be managed through the use of portable message signs and flaggers, with occasional Uniformed Officers as needed for critical operations. Closures of the Northern Rail Trail will be required for critical operations. This project will include a detour package consisting of signage and portable message signs along US 4 and NH 104. Daily detouring/closures will not be allowed during the winter season, weekends, or during non-work hours. The Traffic Control Committee has designated this project as Non-Significant.

**FINAL COMPLETION DATE:** October 20, 2023.

# DANBURY - US ROUTE 4



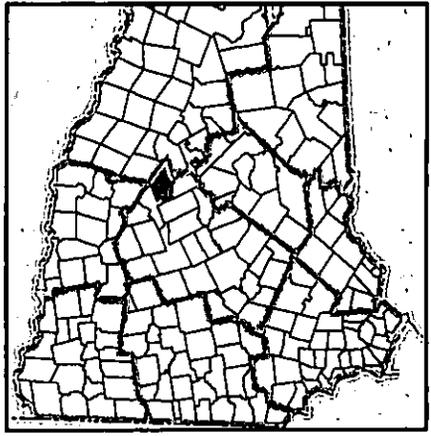
**LEGEND**

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

New Hampshire  
**DOT**  
 Department of Transportation

State #: 16303  
 Federal #: X-A001 (230)

**LOCATION MAP**





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/26/2021

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><br>THE ROWLEY AGENCY INC.<br>45 Constitution Avenue<br>P.O. Box 511<br>Concord NH 03302-0511 | <b>CONTACT NAME:</b> Donna Bickford<br><b>PHONE (A/C No. Ext):</b> (603) 224-2562<br><b>FAX (A/C, No):</b> (603) 224-8012<br><b>E-MAIL ADDRESS:</b> dbickford@rowleyagency.com   |
|  | <b>INSURER(S) AFFORDING COVERAGE</b><br><b>INSURER A:</b> Phoenix Insurance Co. NAIC # 25623<br><b>INSURER B:</b> Travelers Indemnity Co 25658<br><b>INSURER C:</b> Travelers Prop Cas Co of Amer<br><b>INSURER D:</b><br><b>INSURER E:</b><br><b>INSURER F:</b> |
| <b>INSURED</b><br>Weaver Brothers Construction Co., Inc.<br>1629 Rte. 3A<br>Bow NH 03304                     |  |

**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   | ADDL INSD | SUBR WVD | POLICY NUMBER   | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS   |
|----------|---|-----------|----------|---|-------------------------|-------------------------|--|
| A        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC<br>OTHER: |           |          | DTCC-8R795941-FEX-21<br>Per Project Aggregate<br>applies when required<br>by written contract | 4/1/2021                | 4/1/2022                | EACH OCCURRENCE \$ 1,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000<br>MED EXP (Any one person) \$ 10,000<br>PERSONAL & ADV INJURY \$ 1,000,000<br>GENERAL AGGREGATE \$ 2,000,000<br>PRODUCTS - COM/OP AGG \$ 2,000,000 |
| B        | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY<br><input checked="" type="checkbox"/> ANY AUTO<br><input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS<br><input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS            |           |          | 810-8R794907-21-26-0  | 4/1/2021                | 4/1/2022                | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$  |
| C        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br>DED <input checked="" type="checkbox"/> RETENTION \$ 10,000   |           |          | CUP-8R796359-21-26  | 4/1/2021                | 4/1/2022                | EACH OCCURRENCE \$ 10,000,000<br>AGGREGATE \$ 10,000,000<br>Prod/Completed Ops Aggregate \$ 10,000,000   |
| A        | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below  |           | Y/N<br>N | N/A<br>UBSR794747-21-260<br>3A STATES: NH<br>NO EXCLUDED OFFICERS                             | 4/1/2021                | 4/1/2022                | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER<br>E.L. EACH ACCIDENT \$ 1,000,000<br>E.L. DISEASE - EA EMPLOYEE \$ 1,000,000<br>E.L. DISEASE - POLICY LIMIT \$ 1,000,000                                 |
| C        | <input checked="" type="checkbox"/> LEASED/RENTED EQUIPMENT<br><input checked="" type="checkbox"/> MOTOR TRUCK CARGO  |           |          | QT630-9R613139  | 4/1/2021                | 4/1/2022                | LIMIT: (\$1000 DEDUCTIBLE): \$525,000<br>LIMIT: (\$1000 DEDUCTIBLE): \$250,000   |

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

Re: Roadway & Bridge Reconstruction along US 4, Danbury #16303  
 The State of NH-Dept. of Transportation is included as an add'l insured on all liability policies except workers compensation when required by written contract with the named insured.

**CERTIFICATE HOLDER**

271-3461

State of NH - Dept. 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

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/26/2021

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><br>THE ROWLEY AGENCY INC.<br>45 Constitution Avenue<br>P.O. Box 511<br>Concord NH 03302-0511 | <b>CONTACT NAME:</b> Donna Bickford<br><b>PHONE (AC No. Ext):</b> (603) 224-2562<br><b>FAX (AC No.):</b> (603) 224-0012<br><b>E-MAIL ADDRESS:</b> dbickford@rowleyagency.com              |
|  | <b>INSURER(S) AFFORDING COVERAGE</b><br><b>INSURER A:</b> Travelers Indemnity Co<br><b>INSURER B:</b><br><b>INSURER C:</b><br><b>INSURER D:</b><br><b>INSURER E:</b><br><b>INSURER F:</b> |

**COVERAGES**      **CERTIFICATE NUMBER:** 2021 OCP/NHDOT-Danbury      **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        | <b>COMMERCIAL GENERAL LIABILITY</b><br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><input checked="" type="checkbox"/> <b>Owners &amp; Contractors Protec</b><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC<br>OTHER: |           |          | PR55R642838IND | 11/22/2021              | 11/22/2023              | EACH OCCURRENCE \$ 2,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$<br>MED EXP (Any one person) \$<br>PERSONAL & ADV INJURY \$<br>GENERAL AGGREGATE \$ 3,000,000<br>PRODUCTS - COM/POP AGG \$<br>\$ |
|          | <b>AUTOMOBILE LIABILITY</b><br><input type="checkbox"/> ANY AUTO<br><input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS   |           |          |                |                         |                         | COMBINED SINGLE LIMIT (Ea accident) \$<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$<br>\$  |
|          | <input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR<br><input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br>DED    RETENTION \$  |           |          |                |                         |                         | EACH OCCURRENCE \$<br>AGGREGATE \$<br>\$   |
|          | <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b><br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below  | Y/N       | N/A      |                |                         |                         | <input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER<br>E.L. EACH ACCIDENT \$<br>E.L. DISEASE - EA EMPLOYEE \$<br>E.L. DISEASE - POLICY LIMIT \$   |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Re: Roadway & Bridge Reconstruction Along US 4 (16303)

|  |   |
|--|---|
| <b>CERTIFICATE HOLDER</b><br>State of NH-Dept of Transportation<br>PO Box 483<br>Concord, NH 03301 | <b>CANCELLATION</b><br>SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. |
|  | <b>AUTHORIZED REPRESENTATIVE</b><br>Donna Bickford/DTB <i>Donna Bickford</i>  |