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New Hampshire DOT
Department of Transportation

# 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
November 23, 2021

## REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Evroks Corporation (Vendor 155652) of Northfield, NH, on the basis of a single bid of $3,070,680.10 for bridge rehabilitation in Manchester of Huse Road over I-293 and NH Rt. 101, from the date of Governor and Council approval through November 18, 2022, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2022 and 2023, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

| Funding is available as follows: | FY 2022 | FY 2023 |
|---|---|---|
| 04-96-96-963515-3054 | | |
| Consolidated Federal Aid | | |
| 400-500870 Highway Contract Payments | $2,007,752.33 | $1,062,927.77 |

2. Further authorize that a contingency in the amount of $307,068.01 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

| Funding is available as follows: | FY 2023 |
|---|---|
| 04-96-96-963515-3054 | |
| Consolidated Federal Aid | |
| 400-500870 Highway Contract Payments | $307,068.01 |

## EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Tier 3 & 4 Bridge Rehabilitation & Reconstruction Program (Bridg-T3-4-Rehab-Rcn). This project involves the rehabilitation of the State Red List bridge (Br. No. 176/106) that carries Huse Road over I-293, NH 101 in the City of Manchester. The work begins on Huse Road approximately 173 feet north of the bridge and continues approximately 441 feet south of the bridge.

The existing bridge, built in 1960, is a five-span steel stringer bridge with concrete deck and a length of 294 feet between abutments. The existing bridge deck is in serious condition with spalling concrete. The bridge has been on the Department's State Red List of deficient bridges since 2015. Steel debris shielding panels were installed between the girders in 2019. The bridge rehabilitation work includes replacement of the concrete bridge deck, waterproofing membrane, and bituminous pavement; replacement of the expansion

joints; replacement of the bridge rail and bridge approach rail; repairs to substructure concrete; cleaning and painting bridge bearings, and installing pier protection. Roadway work involves milling and bituminous overlay of approximately 173 feet of Huse Road north of the bridge and 133 feet of Huse Road south of the bridge. This project will remove the bridge from the Red List and extend its service life.

The proposed contingency amount is 10% of the construction total. The following factors involve higher risks that can potentially increase costs: inability to inspect some areas of the bridge prior to removal of the bridge deck, multi-phased bridge construction, and maintenance of traffic.

Although the bid costs exceeded the Department's estimate by 8.97%, the sole bid received is felt to be reasonable for the work involved. Six items of significance accounted for 100% of the overage (bridge deck removal, T4 Bridge Rail, bridge painting, precast deck panels, maintenance of traffic, and mobilization). Readvertising 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 (Tier 3 & 4 Bridge Rehabilitation & Reconstruction (Bridg-T3-4-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

Victoria F. Sheehan
Commissioner

VFS/pcj

| | |
|---|---|
| Department Estimate: | $2,817,999.60 |
| Contract Amount: | $3,070,680.10 |
| Over Estimate: | $ 252,680.50 |

Attachments

New Hampshire DOT
Department of Transportation

# ABC Bid Data

MANCHESTER
41414
X-A004(624)

| | | | | | |
|---|---|---|---|---|---|
| **PROJECT:** | MANCHESTER | **Awarded To:** | EVROKS CORPORATION<br>23 INDUSTRIAL DRIVE<br>NORTHFIELD, NH 03276 | | |
| **STATE PROJECT NUMBER:** | 41414 | | | | |
| **FED. PROJECT NUMBER:** | X-A004(624) | | | | |
| **DATE BIDS OPEN:** | November 18, 2021, | | | | |
| **SCOPE OF WORK:** | Address Red List bridge carrying Huse Road over I-293 and NH Route 101 (176/106) | **Amount:** | $3,070,680.10 | **Certified by:** | PETER.E.STAMNAS<br>Director of Project Development |
| **COMPLETION DATE:** | November 18, 2022 | **Award Date:** | | | |
| **LOCATION:** | Hillsborough | | | | |

## Summary of Bidders

| Contractor | Bid Amount | Rank |
|---|---|---|
| EVROKS CORPORATION<br>23 INDUSTRIAL DRIVE, NORTHFIELD NH 03276 | $3,070,680.10 | A |

New Hampshire DOT
Department of Transportation

# ABC Bid Data

MANCHESTER
41414
X-A004(624)

| Item No. | Description | Unit | Quantity | PS&E Unit Price | PS&E Total | EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276 Unit Price | EVROKS CORPORATION Total | Unit Price | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Items** | | | | | | | | | |
| 201.1 | CLEARING AND GRUBBING (F) | A | .05 | $25,000.00 | $1,250.00 | $48,500.00 | $2,425.00 | | |
| 201.21 | REMOVING SMALL TREES | EA | 10.00 | $1,000.00 | $10,000.00 | $375.00 | $3,750.00 | | |
| 201.881 | INVASIVE SPECIES CONTROL TYPE I | SY | 135.00 | $25.00 | $3,375.00 | $1.00 | $135.00 | | |
| 202.6 | CURB REMOVAL FOR SALVAGE | LF | 270.00 | $6.00 | $1,620.00 | $6.00 | $1,620.00 | | |
| 202.7 | REMOVAL OF GUARDRAIL | LF | 1,060.00 | $5.00 | $5,300.00 | $3.00 | $3,180.00 | | |
| 202.74 | REMOVAL OF CONCRETE BARRIER | LF | 170.00 | $35.00 | $5,950.00 | $45.00 | $7,650.00 | | |
| 202.8 | REMOVAL OF FENCE | LF | 70.00 | $23.00 | $1,610.00 | $22.00 | $1,540.00 | | |
| 203.1 | COMMON EXCAVATION | CY | 450.00 | $20.00 | $9,000.00 | $40.00 | $18,000.00 | | |
| 203.5572 | EAGRT PLATFORM ALTERNATE, TL 2 - 25' | U | 4.00 | $1,500.00 | $6,000.00 | $1,800.00 | $7,200.00 | | |
| 203.6 | EMBANKMENT-IN-PLACE (F) | CY | 39.00 | $15.00 | $585.00 | $61.00 | $2,379.00 | | |
| 206.19 | COMMON STRUCTURE EXCAVATION EXPLORATORY | CY | 40.00 | $50.00 | $2,000.00 | $160.00 | $6,400.00 | | |
| 209.1 | GRANULAR BACKFILL | CY | 60.00 | $30.00 | $1,800.00 | $67.00 | $4,020.00 | | |
| 214. | FINE GRADING | U | 1.00 | $2,500.00 | $2,500.00 | $25,000.00 | $25,000.00 | | |
| 304.201 | GRAVEL | CY | 135.00 | $25.00 | $3,375.00 | $110.00 | $14,850.00 | | |
| 304.301 | CRUSHED GRAVEL | CY | 91.00 | $32.00 | $2,912.00 | $100.00 | $9,100.00 | | |
| 304.35 | CRUSHED GRAVEL FOR DRIVES | CY | 35.00 | $50.00 | $1,750.00 | $92.00 | $3,220.00 | | |
| 304.4 | CRUSHED STONE (FINE GRADATION) (F) | CY | 84.00 | $45.00 | $3,780.00 | $81.00 | $6,804.00 | | |
| 304.41 | CRUSHED STONE (FINE GRADATION) FOR SHIM | CY | 20.00 | $38.00 | $760.00 | $82.00 | $1,640.00 | | |
| 403.11023 | HBP-3/4" BINDER MIX, MACHINE METHOD | TON | 250.00 | $150.00 | $37,500.00 | $85.00 | $21,250.00 | | |
| 403.11043 | HBP-1/2" SURFACE MIX, MACHINE METHOD | TON | 320.00 | $175.00 | $56,000.00 | $120.00 | $38,400.00 | | |
| 403.12 | HBP-HAND METHOD | TON | 70.00 | $300.00 | $21,000.00 | $140.00 | $9,800.00 | | |
| 403.16 | PAVEMENT JOINT ADHESIVE | LF | 1,175.00 | $2.00 | $2,350.00 | $1.50 | $1,762.50 | | |
| 403.21053 | HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE) | TON | 56.00 | $250.00 | $14,000.00 | $200.00 | $11,200.00 | | |
| 403.26 | PAVEMENT JOINT ADHESIVE (BRIDGE BASE) | LF | 964.00 | $2.00 | $1,928.00 | $1.50 | $1,446.00 | | |

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Department of Transportation

# ABC Bid Data

MANCHESTER
41414
X-A004(624)

| Item No. | Description | Unit | Quantity | PSAE Unit Price | PSAE Total | EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276 Unit Price | EVROKS CORPORATION Total | Unit Price | Total |
|---|---|---|---|---|---|---|---|---|---|
| 410.22 | ASPHALT EMULSION FOR TACK COAT | GAL | 180.00 | $10.00 | $1,800.00 | $6.00 | $1,080.00 | | |
| 417. | COLD PLANING BITUMINOUS SURFACES | SY | 1,725.00 | $20.00 | $34,500.00 | $3.00 | $5,175.00 | | |
| 500.021 | PREPARATION FOR FATIGUE CRACK INSPECTION - COVER PLATE | U | 24.00 | $150.00 | $3,600.00 | $900.00 | $21,600.00 | | |
| 502. | REMOVAL OF EXISTING BRIDGE STRUCTURE | U | 1.00 | $300,000.00 | $300,000.00 | $430,000.00 | $430,000.00 | | |
| 503.201 | COFFERDAMS | U | 1.00 | $15,000.00 | $15,000.00 | $2,500.00 | $2,500.00 | | |
| 504.1 | COMMON BRIDGE EXCAVATION (F) | CY | 39.00 | $50.00 | $1,950.00 | $50.00 | $1,950.00 | | |
| 511.00012 | CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISPOSAL (ACM) (F) | SY | 165.00 | $200.00 | $33,000.00 | $391.00 | $64,515.00 | | |
| 512.0201 | PREPARATION FOR CONCRETE REPAIRS, CLASS II | SY | 4.00 | $1,500.00 | $6,000.00 | $1,000.00 | $4,000.00 | | |
| 520.0201 | CONCRETE CLASS AA, ABOVE FOOTINGS | CY | 10.00 | $2,000.00 | $20,000.00 | $3,000.00 | $30,000.00 | | |
| 520.02012 | CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR) | CY | 1.00 | $2,000.00 | $2,000.00 | $5,000.00 | $5,000.00 | | |
| 520.7002 | CONCRETE BRIDGE DECK (QC/QA) (F) | CY | 407.00 | $1,500.00 | $610,500.00 | $721.00 | $293,447.00 | | |
| 528.51 | PRESTRESSED CONCRETE DECK PANELS (F) | SF | 7,668.00 | $20.00 | $153,360.00 | $23.45 | $179,814.60 | | |
| 534.3 | WATER REPELLENT (SILANE/SILOXANE) | GAL | 57.00 | $100.00 | $5,700.00 | $125.00 | $7,125.00 | | |
| 538.2 | BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F) | SY | 27.00 | $50.00 | $1,350.00 | $80.00 | $2,160.00 | | |
| 538.6 | BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F) | SY | 979.00 | $30.00 | $29,370.00 | $25.00 | $24,475.00 | | |
| 544.2 | REINFORCING STEEL, EPOXY COATED (F) | LB | 91,100.00 | $3.00 | $273,300.00 | $1.60 | $145,760.00 | | |
| 544.21 | REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F) | LB | 6,846.00 | $4.00 | $27,384.00 | $5.00 | $34,230.00 | | |
| 547. | SHEAR CONNECTORS (F) | EA | 3,276.00 | $7.00 | $22,932.00 | $10.00 | $32,760.00 | | |
| 556.1 | PAINTING EXISTING STRUCTURAL STEEL | U | 1.00 | $65,000.00 | $65,000.00 | $150,000.00 | $150,000.00 | | |
| 561.1001 | PREFABRICATED STRIP SEAL EXPANSION JOINT (F) | LF | 54.00 | $900.00 | $48,600.00 | $800.00 | $43,200.00 | | |
| 561.1002 | PREFABRICATED STRIP SEAL EXPANSION JOINT (F) | LF | 54.00 | $900.00 | $48,600.00 | $800.00 | $43,200.00 | | |
| 562.1 | SILICONE JOINT SEALANT (F) | LF | 14.00 | $20.00 | $280.00 | $30.00 | $420.00 | | |
| 563.241 | BRIDGE RAIL T4 WITH PROTECTIVE SCREENING | LF | 597.00 | $250.00 | $149,250.00 | $425.00 | $253,725.00 | | |
| 565.242 | BRIDGE APPROACH RAIL T4 (STEEL POSTS) | U | 4.00 | $8,000.00 | $32,000.00 | $12,500.00 | $50,000.00 | | |
| 585.7 | STONE FILL, CLASS G | CY | 30.00 | $40.00 | $1,200.00 | $116.00 | $3,480.00 | | |
| 593.121 | GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN | SY | 20.00 | $8.00 | $160.00 | $1.50 | $30.00 | | |

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|---|---|---|---|---|---|---|---|---|---|
| 604.0007 | POLYETHYLENE LINER | EA | 4.00 | $200.00 | $800.00 | $355.00 | $1,420.00 | | |
| 604.124 | CATCH BASINS TYPE B, 4-FOOT DIAMETER | U | 1.00 | $2,500.00 | $2,500.00 | $5,700.00 | $5,700.00 | | |
| 604.125 | CATCH BASINS TYPE B, 5-FOOT DIAMETER | U | 1.00 | $3,000.00 | $3,000.00 | $10,000.00 | $10,000.00 | | |
| 604.4 | RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET | LF | 4.00 | $500.00 | $2,000.00 | $1,700.00 | $6,800.00 | | |
| 604.51 | RECONSTRUCTING/ADJUSTING SEWER MANHOLES | LF | 2.00 | $750.00 | $1,500.00 | $415.00 | $830.00 | | |
| 604.52 | RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES | LF | 1.00 | $500.00 | $500.00 | $415.00 | $415.00 | | |
| 606.012 | W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS | EA | 20.00 | $90.00 | $1,800.00 | $125.00 | $2,500.00 | | |
| 606.0122 | W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS | EA | 20.00 | $20.00 | $400.00 | $20.00 | $400.00 | | |
| 606.12551 | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST) | U | 4.00 | $1,800.00 | $7,200.00 | $3,350.00 | $13,400.00 | | |
| 606.18001 | 31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST) | LF | 525.00 | $30.00 | $15,750.00 | $40.00 | $21,000.00 | | |
| 606.3123 | SINGLE FACED TRANSITION RAIL TO SINGLE SLOPE, STEEL POST | U | 4.00 | $5,000.00 | $20,000.00 | $5,000.00 | $20,000.00 | | |
| 606.41231 | TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST | U | 1.00 | $3,500.00 | $3,500.00 | $4,000.00 | $4,000.00 | | |
| 606.41251 | 54" TO 45" TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST | U | 1.00 | $4,000.00 | $4,000.00 | $6,000.00 | $6,000.00 | | |
| 606.41252 | 54" SINGLE SLOPE CONCRETE BARRIER (PRECAST) TRANSITION TO BEAM GUARDRAIL | U | 3.00 | $4,000.00 | $12,000.00 | $5,000.00 | $15,000.00 | | |
| 606.413 | SINGLE SLOPE CONCRETE MEDIAN BARRIER, PRECAST | LF | 80.00 | $120.00 | $9,600.00 | $150.00 | $12,000.00 | | |
| 606.4135 | 54" SINGLE SLOPE CONCRETE BARRIER, PRECAST | LF | 160.00 | $150.00 | $24,000.00 | $200.00 | $32,000.00 | | |
| 606.417 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL | LF | 40.00 | $30.00 | $1,200.00 | $50.00 | $2,000.00 | | |
| 606.41741 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE | LF | 400.00 | $75.00 | $30,000.00 | $95.00 | $38,000.00 | | |
| 606.91 | RESETTING OR SETTING GUARDRAIL | LF | 50.00 | $15.00 | $750.00 | $17.00 | $850.00 | | |
| 606.9522 | TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2 | U | 2.00 | $4,129.30 | $8,258.60 | $4,500.00 | $9,000.00 | | |
| 607.9360 | RESET CHAIN LINK FENCE WITH VINYL COATED FABRIC, 6' HIGH | LF | 30.00 | $15.00 | $450.00 | $55.00 | $1,650.00 | | |
| 607.9710 | RESETTING WOOD FENCE, 10' HIGH | LF | 10.00 | $100.00 | $1,000.00 | $70.00 | $700.00 | | |
| 608.12 | 2" BITUMINOUS SIDEWALK (F) | SY | 472.00 | $35.00 | $16,520.00 | $17.00 | $8,024.00 | | |
| 608.24 | 4" CONCRETE SIDEWALK (F) | SY | 20.00 | $60.00 | $1,200.00 | $150.00 | $3,000.00 | | |
| 608.54 | DETECTABLE WARNING DEVICES, CAST IRON | SY | 2.00 | $470.00 | $940.00 | $400.00 | $800.00 | | |

New Hampshire DOT
Department of Transportation

# ABC Bid Data

MANCHESTER
41414
X-A004(624)

| Item No. | Description | Unit | Quantity | PSNE Unit Price | PSNE Total | EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276 Unit Price | EVROKS CORPORATION Total | Unit Price | Total |
|---|---|---|---|---|---|---|---|---|---|
| 609.01 | STRAIGHT GRANITE CURB | LF | 280.00 | $30.00 | $8,400.00 | $71.00 | $19,880.00 | | |
| 609.02 | CURVED GRANITE CURB | LF | 50.00 | $30.00 | $1,500.00 | $80.00 | $4,000.00 | | |
| 609.5 | RESET GRANITE CURB | LF | 265.00 | $10.00 | $2,650.00 | $53.00 | $14,045.00 | | |
| 615.0301 | TRAFFIC SIGN TYPE C | SF | 2.00 | $45.00 | $90.00 | $250.00 | $500.00 | | |
| 615.033 | REMOVING TRAFFIC SIGN, TYPE C | U | 1.00 | $25.00 | $25.00 | $100.00 | $100.00 | | |
| 615.034 | RELOCATING TRAFFIC SIGN, TYPE C | U | 1.00 | $150.00 | $150.00 | $300.00 | $300.00 | | |
| 615.0401 | TRAFFIC SIGN TYPE AA | SF | 200.00 | $55.00 | $11,000.00 | $45.00 | $9,000.00 | | |
| 615.0501 | TRAFFIC SIGN TYPE BB | SF | 20.00 | $45.00 | $900.00 | $60.00 | $1,200.00 | | |
| 615.30001 | BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE | U | 1.00 | $16,500.00 | $16,500.00 | $24,000.00 | $24,000.00 | | |
| 616.171 | PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM | U | 1.00 | $30,000.00 | $30,000.00 | $45,000.00 | $45,000.00 | | |
| 618.61 | UNIFORMED OFFICERS WITH VEHICLE | $ | 25,000.00 | $1.00 | $25,000.00 | $1.00 | $25,000.00 | | |
| 618.7 | FLAGGERS | HR | 540.00 | $35.00 | $18,900.00 | $50.00 | $27,000.00 | | |
| 619.1 | MAINTENANCE OF TRAFFIC | U | 1.00 | $92,280.00 | $92,280.00 | $155,500.00 | $155,500.00 | | |
| 619.25 | PORTABLE CHANGEABLE MESSAGE SIGN | U | 2.00 | $4,000.00 | $8,000.00 | $7,200.00 | $14,400.00 | | |
| 619.27 | TRAILER-MOUNTED SPEED LIMIT SIGN | U | 2.00 | $5,000.00 | $10,000.00 | $1,500.00 | $3,000.00 | | |
| 619.63 | TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3 | U | 1.00 | $10,000.00 | $10,000.00 | $5,200.00 | $5,200.00 | | |
| 621.1 | RETROREFLECTIVE MEDIAN BARRIER DELINEATOR | EA | 4.00 | $25.00 | $100.00 | $75.00 | $300.00 | | |
| 628.2 | SAWED BITUMINOUS PAVEMENT | LF | 310.00 | $3.00 | $930.00 | $3.00 | $930.00 | | |
| 632.0104 | RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE | LF | 3,650.00 | $0.80 | $2,920.00 | $0.80 | $2,920.00 | | |
| 632.1104 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE | LF | 1,800.00 | $2.20 | $3,960.00 | $1.85 | $3,330.00 | | |
| 632.1112 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE | LF | 90.00 | $10.00 | $900.00 | $15.00 | $1,350.00 | | |
| 632.1118 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE | LF | 80.00 | $10.00 | $800.00 | $30.00 | $2,400.00 | | |
| 632.1306 | BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE | LF | 1,800.00 | $3.00 | $5,400.00 | $2.80 | $5,040.00 | | |
| 645.3 | EROSION STONE | TON | 200.00 | $6.00 | $1,200.00 | $33.00 | $6,600.00 | | |
| 645.44 | TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY) | SY | 170.00 | $4.00 | $680.00 | $3.00 | $510.00 | | |
| 645.512 | COMPOST SOCK FOR PERIMETER BERM | LF | 2,200.00 | $3.00 | $6,600.00 | $8.00 | $17,600.00 | | |

New Hampshire DOT
Department of Transportation

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|---|---|---|---|---|---|---|---|---|---|
| 645.52 | RYEGRASS FOR TEMPORARY EROSION CONTROL | LB | 15.00 | $3.00 | $45.00 | $4.00 | $60.00 | | |
| 645.531 | SILT FENCE | LF | 2,200.00 | $3.00 | $6,600.00 | $5.00 | $11,000.00 | | |
| 646.412 | TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS (F) | SY | 442.00 | $10.00 | $4,420.00 | $24.00 | $10,608.00 | | |
| 646.51 | TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM | SY | 250.00 | $10.00 | $2,500.00 | $24.00 | $6,000.00 | | |
| 670.104 | TEMPORARY PORTABLE LIGHTING | U | 2.00 | $5,000.00 | $10,000.00 | $3,500.00 | $7,000.00 | | |
| 692. | MOBILIZATION | U | 1.00 | $180,000.00 | $180,000.00 | $300,000.00 | $300,000.00 | | |
| 697.11 | INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN | U | 1.00 | $1,500.00 | $1,500.00 | $1,800.00 | $1,800.00 | | |
| 698.13 | FIELD OFFICE TYPE C | MON | 12.00 | $2,500.00 | $30,000.00 | $2,100.00 | $25,200.00 | | |
| 699. | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL | $ | 10,000.00 | $1.00 | $10,000.00 | $1.00 | $10,000.00 | | |
| 1002.1 | REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES | $ | 10,000.00 | $1.00 | $10,000.00 | $1.00 | $10,000.00 | | |
| 1008.11 | ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK | $ | 10,000.00 | $1.00 | $10,000.00 | $1.00 | $10,000.00 | | |
| 1008.251 | ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS | $ | 10,000.00 | $1.00 | $10,000.00 | $1.00 | $10,000.00 | | |
| 1010.15 | FUEL ADJUSTMENT | $ | 20,000.00 | $1.00 | $20,000.00 | $1.00 | $20,000.00 | | |
| 1010.41 | QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE | $ | 12,000.00 | $1.00 | $12,000.00 | $1.00 | $12,000.00 | | |
| | | | Totals: | | $2,817,999.60 | | $3,070,680.10 | | |
| | | | Alt. Totals: | | | | | | |
| | | | Totals: | | $2,817,999.60 | | $3,070,680.10 | | |

New Hampshire DOT
Department of Transportation

# PS&E Comparison

MANCHESTER
41414
X-A004(624)

| | | | | A-Bidder | | PS&E | | |
|---|---|---|---|---|---|---|---|---|
| Item No. | Description | Unit | Quantity | Unit Price | Total | Unit Price | Total | A-PS&E Difference |
| **Items** | | | | | | | | |
| 201.1 | CLEARING AND GRUBBING (F) | A | .05 | $48,500.00 | $2,425.00 | $25,000.00 | $1,250.00 | $1,175.00 |
| 201.21 | REMOVING SMALL TREES | EA | 10.00 | $375.00 | $3,750.00 | $1,000.00 | $10,000.00 | ($6,250.00) |
| 201.881 | INVASIVE SPECIES CONTROL TYPE I | SY | 135.00 | $1.00 | $135.00 | $25.00 | $3,375.00 | ($3,240.00) |
| 202.6 | CURB REMOVAL FOR SALVAGE | LF | 270.00 | $6.00 | $1,620.00 | $6.00 | $1,620.00 | $0.00 |
| 202.7 | REMOVAL OF GUARDRAIL | LF | 1,060.00 | $3.00 | $3,180.00 | $5.00 | $5,300.00 | ($2,120.00) |
| 202.74 | REMOVAL OF CONCRETE BARRIER | LF | 170.00 | $45.00 | $7,650.00 | $35.00 | $5,950.00 | $1,700.00 |
| 202.8 | REMOVAL OF FENCE | LF | 70.00 | $22.00 | $1,540.00 | $23.00 | $1,610.00 | ($70.00) |
| 203.1 | COMMON EXCAVATION | CY | 450.00 | $40.00 | $18,000.00 | $20.00 | $9,000.00 | $9,000.00 |
| 203.5572 | EAGRT PLATFORM ALTERNATE, TL 2 - 25' | U | 4.00 | $1,800.00 | $7,200.00 | $1,500.00 | $6,000.00 | $1,200.00 |
| 203.6 | EMBANKMENT-IN-PLACE (F) | CY | 39.00 | $61.00 | $2,379.00 | $15.00 | $585.00 | $1,794.00 |
| 206.19 | COMMON STRUCTURE EXCAVATION EXPLORATORY | CY | 40.00 | $160.00 | $6,400.00 | $50.00 | $2,000.00 | $4,400.00 |
| 209.1 | GRANULAR BACKFILL | CY | 60.00 | $67.00 | $4,020.00 | $30.00 | $1,800.00 | $2,220.00 |
| 214. | FINE GRADING | U | 1.00 | $25,000.00 | $25,000.00 | $2,500.00 | $2,500.00 | $22,500.00 |
| 304.201 | GRAVEL | CY | 135.00 | $110.00 | $14,850.00 | $25.00 | $3,375.00 | $11,475.00 |
| 304.301 | CRUSHED GRAVEL | CY | 91.00 | $100.00 | $9,100.00 | $32.00 | $2,912.00 | $6,188.00 |

New Hampshire DOT
Department of Transportation

# PS&E Comparison

MANCHESTER
41414
X-A004(624)

| | | | | A-Bidder | | PS&E | | |
|---|---|---|---|---|---|---|---|---|
| Item No. | Description | Unit | Quantity | Unit Price | Total | Unit Price | Total | A-PS&E Difference |
| 304.35 | CRUSHED GRAVEL FOR DRIVES | CY | 35.00 | $92.00 | $3,220.00 | $50.00 | $1,750.00 | $1,470.00 |
| 304.4 | CRUSHED STONE (FINE GRADATION) (F) | CY | 84.00 | $81.00 | $6,804.00 | $45.00 | $3,780.00 | $3,024.00 |
| 304.41 | CRUSHED STONE (FINE GRADATION) FOR SHIM | CY | 20.00 | $82.00 | $1,640.00 | $38.00 | $760.00 | $880.00 |
| 403.11023 | HBP-3/4" BINDER MIX, MACHINE METHOD | TON | 250.00 | $85.00 | $21,250.00 | $150.00 | $37,500.00 | ($16,250.00) |
| 403.11043 | HBP-1/2" SURFACE MIX, MACHINE METHOD | TON | 320.00 | $120.00 | $38,400.00 | $175.00 | $56,000.00 | ($17,600.00) |
| 403.12 | HBP-HAND METHOD | TON | 70.00 | $140.00 | $9,800.00 | $300.00 | $21,000.00 | ($11,200.00) |
| 403.16 | PAVEMENT JOINT ADHESIVE | LF | 1,175.00 | $1.50 | $1,762.50 | $2.00 | $2,350.00 | ($587.50) |
| 403.21053 | HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE) | TON | 56.00 | $200.00 | $11,200.00 | $250.00 | $14,000.00 | ($2,800.00) |
| 403.26 | PAVEMENT JOINT ADHESIVE (BRIDGE BASE) | LF | 964.00 | $1.50 | $1,446.00 | $2.00 | $1,928.00 | ($482.00) |
| 410.22 | ASPHALT EMULSION FOR TACK COAT | GAL | 180.00 | $6.00 | $1,080.00 | $10.00 | $1,800.00 | ($720.00) |
| 417. | COLD PLANING BITUMINOUS SURFACES | SY | 1,725.00 | $3.00 | $5,175.00 | $20.00 | $34,500.00 | ($29,325.00) |
| 500.021 | PREPARATION FOR FATIGUE CRACK INSPECTION - COVER PLATE | U | 24.00 | $900.00 | $21,600.00 | $150.00 | $3,600.00 | $18,000.00 |
| 502. | REMOVAL OF EXISTING BRIDGE STRUCTURE | U | 1.00 | $430,000.00 | $430,000.00 | $300,000.00 | $300,000.00 | $130,000.00 |
| 503.201 | COFFERDAMS | U | 1.00 | $2,500.00 | $2,500.00 | $15,000.00 | $15,000.00 | ($12,500.00) |
| 504.1 | COMMON BRIDGE EXCAVATION (F) | CY | 39.00 | $50.00 | $1,950.00 | $50.00 | $1,950.00 | $0.00 |
| 511.00012 | CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISPOSAL (ACM) (F) | SY | 165.00 | $391.00 | $64,515.00 | $200.00 | $33,000.00 | $31,515.00 |

New Hampshire DOT
Department of Transportation

# PS&E Comparison

MANCHESTER
41414
X-A004(624)

| | | | | A-Bidder | | PS&E | | |
|---|---|---|---|---|---|---|---|---|
| Item No. | Description | Unit | Quantity | Unit Price | Total | Unit Price | Total | A-PS&E Difference |
| 512.0201 | PREPARATION FOR CONCRETE REPAIRS, CLASS II | SY | 4.00 | $1,000.00 | $4,000.00 | $1,500.00 | $6,000.00 | ($2,000.00) |
| 520.0201 | CONCRETE CLASS AA, ABOVE FOOTINGS | CY | 10.00 | $3,000.00 | $30,000.00 | $2,000.00 | $20,000.00 | $10,000.00 |
| 520.02012 | CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR) | CY | 1.00 | $5,000.00 | $5,000.00 | $2,000.00 | $2,000.00 | $3,000.00 |
| 520.7002 | CONCRETE BRIDGE DECK (QC/QA) (F) | CY | 407.00 | $721.00 | $293,447.00 | $1,500.00 | $610,500.00 | ($317,053.00) |
| 528.51 | PRESTRESSED CONCRETE DECK PANELS (F) | SF | 7,668.00 | $23.45 | $179,814.60 | $20.00 | $153,360.00 | $26,454.60 |
| 534.3 | WATER REPELLENT (SILANE/SILOXANE) | GAL | 57.00 | $125.00 | $7,125.00 | $100.00 | $5,700.00 | $1,425.00 |
| 538.2 | BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F) | SY | 27.00 | $80.00 | $2,160.00 | $50.00 | $1,350.00 | $810.00 |
| 538.6 | BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F) | SY | 979.00 | $25.00 | $24,475.00 | $30.00 | $29,370.00 | ($4,895.00) |
| 544.2 | REINFORCING STEEL, EPOXY COATED (F) | LB | 91,100.00 | $1.60 | $145,760.00 | $3.00 | $273,300.00 | ($127,540.00) |
| 544.21 | REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F) | LB | 6,846.00 | $5.00 | $34,230.00 | $4.00 | $27,384.00 | $6,846.00 |
| 547. | SHEAR CONNECTORS (F) | EA | 3,276.00 | $10.00 | $32,760.00 | $7.00 | $22,932.00 | $9,828.00 |
| 556.1 | PAINTING EXISTING STRUCTURAL STEEL | U | 1.00 | $150,000.00 | $150,000.00 | $65,000.00 | $65,000.00 | $85,000.00 |
| 561.1001 | PREFABRICATED STRIP SEAL EXPANSION JOINT (F) | LF | 54.00 | $800.00 | $43,200.00 | $900.00 | $48,600.00 | ($5,400.00) |
| 561.1002 | PREFABRICATED STRIP SEAL EXPANSION JOINT (F) | LF | 54.00 | $800.00 | $43,200.00 | $900.00 | $48,600.00 | ($5,400.00) |
| 562.1 | SILICONE JOINT SEALANT (F) | LF | 14.00 | $30.00 | $420.00 | $20.00 | $280.00 | $140.00 |
| 563.241 | BRIDGE RAIL T4 WITH PROTECTIVE SCREENING | LF | 597.00 | $425.00 | $253,725.00 | $250.00 | $149,250.00 | $104,475.00 |

New Hampshire DOT
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# PS&E Comparison

MANCHESTER
41414
X-A004(624)

| | | | | A-Bidder | | PS&E | | |
|---|---|---|---|---|---|---|---|---|
| Item No. | Description | Unit | Quantity | Unit Price | Total | Unit Price | Total | A-PS&E Difference |
| 565.242 | BRIDGE APPROACH RAIL T4 (STEEL POSTS) | U | 4.00 | $12,500.00 | $50,000.00 | $8,000.00 | $32,000.00 | $18,000.00 |
| 585.7 | STONE FILL, CLASS G | CY | 30.00 | $116.00 | $3,480.00 | $40.00 | $1,200.00 | $2,280.00 |
| 593.121 | GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN | SY | 20.00 | $1.50 | $30.00 | $8.00 | $160.00 | ($130.00) |
| 604.0007 | POLYETHYLENE LINER | EA | 4.00 | $355.00 | $1,420.00 | $200.00 | $800.00 | $620.00 |
| 604.124 | CATCH BASINS TYPE B, 4-FOOT DIAMETER | U | 1.00 | $5,700.00 | $5,700.00 | $2,500.00 | $2,500.00 | $3,200.00 |
| 604.125 | CATCH BASINS TYPE B, 5-FOOT DIAMETER | U | 1.00 | $10,000.00 | $10,000.00 | $3,000.00 | $3,000.00 | $7,000.00 |
| 604.4 | RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET | LF | 4.00 | $1,700.00 | $6,800.00 | $500.00 | $2,000.00 | $4,800.00 |
| 604.51 | RECONSTRUCTING/ADJUSTING SEWER MANHOLES | LF | 2.00 | $415.00 | $830.00 | $750.00 | $1,500.00 | ($670.00) |
| 604.52 | RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES | LF | 1.00 | $415.00 | $415.00 | $500.00 | $500.00 | ($85.00) |
| 606.012 | W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS | EA | 20.00 | $125.00 | $2,500.00 | $90.00 | $1,800.00 | $700.00 |
| 606.0122 | W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS | EA | 20.00 | $20.00 | $400.00 | $20.00 | $400.00 | $0.00 |
| 606.12551 | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST) | U | 4.00 | $3,350.00 | $13,400.00 | $1,800.00 | $7,200.00 | $6,200.00 |
| 606.18001 | 31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST) | LF | 525.00 | $40.00 | $21,000.00 | $30.00 | $15,750.00 | $5,250.00 |
| 606.3123 | SINGLE FACED TRANSITION RAIL TO SINGLE SLOPE, STEEL POST | U | 4.00 | $5,000.00 | $20,000.00 | $5,000.00 | $20,000.00 | $0.00 |
| 606.41231 | TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST | U | 1.00 | $4,000.00 | $4,000.00 | $3,500.00 | $3,500.00 | $500.00 |

New Hampshire DOT
Department of Transportation

# PS&E Comparison

MANCHESTER
41414
X-A004(624)

| | | | | A-Bidder | | PS&E | | |
|---|---|---|---|---|---|---|---|---|
| Item No. | Description | Unit | Quantity | Unit Price | Total | Unit Price | Total | A-PS&E Difference |
| 606.41251 | 54" TO 45" TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST | U | 1.00 | $6,000.00 | $6,000.00 | $4,000.00 | $4,000.00 | $2,000.00 |
| 606.41252 | 54" SINGLE SLOPE CONCRETE BARRIER (PRECAST) TRANSITION TO BEAM GUARDRAIL | U | 3.00 | $5,000.00 | $15,000.00 | $4,000.00 | $12,000.00 | $3,000.00 |
| 606.413 | SINGLE SLOPE CONCRETE MEDIAN BARRIER, PRECAST | LF | 80.00 | $150.00 | $12,000.00 | $120.00 | $9,600.00 | $2,400.00 |
| 606.4135 | 54" SINGLE SLOPE CONCRETE BARRIER, PRECAST | LF | 160.00 | $200.00 | $32,000.00 | $150.00 | $24,000.00 | $8,000.00 |
| 606.417 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL | LF | 40.00 | $50.00 | $2,000.00 | $30.00 | $1,200.00 | $800.00 |
| 606.41741 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE | LF | 400.00 | $95.00 | $38,000.00 | $75.00 | $30,000.00 | $8,000.00 |
| 606.91 | RESETTING OR SETTING GUARDRAIL | LF | 50.00 | $17.00 | $850.00 | $15.00 | $750.00 | $100.00 |
| 606.9522 | TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2 | U | 2.00 | $4,500.00 | $9,000.00 | $4,129.30 | $8,258.60 | $741.40 |
| 607.9360 | RESET CHAIN LINK FENCE WITH VINYL COATED FABRIC, 6' HIGH | LF | 30.00 | $55.00 | $1,650.00 | $15.00 | $450.00 | $1,200.00 |
| 607.9710 | RESETTING WOOD FENCE, 10' HIGH | LF | 10.00 | $70.00 | $700.00 | $100.00 | $1,000.00 | ($300.00) |
| 608.12 | 2" BITUMINOUS SIDEWALK (F) | SY | 472.00 | $17.00 | $8,024.00 | $35.00 | $16,520.00 | ($8,496.00) |
| 608.24 | 4" CONCRETE SIDEWALK (F) | SY | 20.00 | $150.00 | $3,000.00 | $60.00 | $1,200.00 | $1,800.00 |
| 608.54 | DETECTABLE WARNING DEVICES, CAST IRON | SY | 2.00 | $400.00 | $800.00 | $470.00 | $940.00 | ($140.00) |
| 609.01 | STRAIGHT GRANITE CURB | LF | 280.00 | $71.00 | $19,880.00 | $30.00 | $8,400.00 | $11,480.00 |
| 609.02 | CURVED GRANITE CURB | LF | 50.00 | $80.00 | $4,000.00 | $30.00 | $1,500.00 | $2,500.00 |
| 609.5 | RESET GRANITE CURB | LF | 265.00 | $53.00 | $14,045.00 | $10.00 | $2,650.00 | $11,395.00 |

New Hampshire DOT
Department of Transportation

# PS&E Comparison

MANCHESTER
41414
X-A004(624)

| | | | | A-Bidder | | PS&E | | |
|---|---|---|---|---|---|---|---|---|
| Item No. | Description | Unit | Quantity | Unit Price | Total | Unit Price | Total | A-PS&E Difference |
| 615.0301 | TRAFFIC SIGN TYPE C | SF | 2.00 | $250.00 | $500.00 | $45.00 | $90.00 | $410.00 |
| 615.033 | REMOVING TRAFFIC SIGN, TYPE C | U | 1.00 | $100.00 | $100.00 | $25.00 | $25.00 | $75.00 |
| 615.034 | RELOCATING TRAFFIC SIGN, TYPE C | U | 1.00 | $300.00 | $300.00 | $150.00 | $150.00 | $150.00 |
| 615.0401 | TRAFFIC SIGN TYPE AA | SF | 200.00 | $45.00 | $9,000.00 | $55.00 | $11,000.00 | ($2,000.00) |
| 615.0501 | TRAFFIC SIGN TYPE BB | SF | 20.00 | $60.00 | $1,200.00 | $45.00 | $900.00 | $300.00 |
| 615.30001 | BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE | U | 1.00 | $24,000.00 | $24,000.00 | $16,500.00 | $16,500.00 | $7,500.00 |
| 616.171 | PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM | U | 1.00 | $45,000.00 | $45,000.00 | $30,000.00 | $30,000.00 | $15,000.00 |
| 618.61 | UNIFORMED OFFICERS WITH VEHICLE | $ | 25,000.00 | $1.00 | $25,000.00 | $1.00 | $25,000.00 | $0.00 |
| 618.7 | FLAGGERS | HR | 540.00 | $50.00 | $27,000.00 | $35.00 | $18,900.00 | $8,100.00 |
| 619.1 | MAINTENANCE OF TRAFFIC | U | 1.00 | $155,500.00 | $155,500.00 | $92,280.00 | $92,280.00 | $63,220.00 |
| 619.25 | PORTABLE CHANGEABLE MESSAGE SIGN | U | 2.00 | $7,200.00 | $14,400.00 | $4,000.00 | $8,000.00 | $6,400.00 |
| 619.27 | TRAILER-MOUNTED SPEED LIMIT SIGN | U | 2.00 | $1,500.00 | $3,000.00 | $5,000.00 | $10,000.00 | ($7,000.00) |
| 619.63 | TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3 | U | 1.00 | $5,200.00 | $5,200.00 | $10,000.00 | $10,000.00 | ($4,800.00) |
| 621.1 | RETROREFLECTIVE MEDIAN BARRIER DELINEATOR | EA | 4.00 | $75.00 | $300.00 | $25.00 | $100.00 | $200.00 |
| 628.2 | SAWED BITUMINOUS PAVEMENT | LF | 310.00 | $3.00 | $930.00 | $3.00 | $930.00 | $0.00 |
| 632.0104 | RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE | LF | 3,650.00 | $0.80 | $2,920.00 | $0.80 | $2,920.00 | $0.00 |
| 632.1104 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE | LF | 1,800.00 | $1.85 | $3,330.00 | $2.20 | $3,960.00 | ($630.00) |

New Hampshire DOT
Department of Transportation

# PS&E Comparison

MANCHESTER
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| | | | | A-Bidder | | PS&E | | |
|---|---|---|---|---|---|---|---|---|
| Item No. | Description | Unit | Quantity | Unit Price | Total | Unit Price | Total | A-PS&E Difference |
| 632.1112 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE | LF | 90.00 | $15.00 | $1,350.00 | $10.00 | $900.00 | $450.00 |
| 632.1118 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE | LF | 80.00 | $30.00 | $2,400.00 | $10.00 | $800.00 | $1,600.00 |
| 632.1306 | BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE | LF | 1,800.00 | $2.80 | $5,040.00 | $3.00 | $5,400.00 | ($360.00) |
| 645.3 | EROSION STONE | TON | 200.00 | $33.00 | $6,600.00 | $6.00 | $1,200.00 | $5,400.00 |
| 645.44 | TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY) | SY | 170.00 | $3.00 | $510.00 | $4.00 | $680.00 | ($170.00) |
| 645.512 | COMPOST SOCK FOR PERIMETER BERM | LF | 2,200.00 | $8.00 | $17,600.00 | $3.00 | $6,600.00 | $11,000.00 |
| 645.52 | RYEGRASS FOR TEMPORARY EROSION CONTROL | LB | 15.00 | $4.00 | $60.00 | $3.00 | $45.00 | $15.00 |
| 645.531 | SILT FENCE | LF | 2,200.00 | $5.00 | $11,000.00 | $3.00 | $6,600.00 | $4,400.00 |
| 646.412 | TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS (F) | SY | 442.00 | $24.00 | $10,608.00 | $10.00 | $4,420.00 | $6,188.00 |
| 646.51 | TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM | SY | 250.00 | $24.00 | $6,000.00 | $10.00 | $2,500.00 | $3,500.00 |
| 670.104 | TEMPORARY PORTABLE LIGHTING | U | 2.00 | $3,500.00 | $7,000.00 | $5,000.00 | $10,000.00 | ($3,000.00) |
| 692. | MOBILIZATION | U | 1.00 | $300,000.00 | $300,000.00 | $180,000.00 | $180,000.00 | $120,000.00 |
| 697.11 | INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN | U | 1.00 | $1,800.00 | $1,800.00 | $1,500.00 | $1,500.00 | $300.00 |
| 698.13 | FIELD OFFICE TYPE C | MON | 12.00 | $2,100.00 | $25,200.00 | $2,500.00 | $30,000.00 | ($4,800.00) |
| 699. | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL | $ | 10,000.00 | $1.00 | $10,000.00 | $1.00 | $10,000.00 | $0.00 |

New Hampshire DOT
Department of Transportation

# PS&E Comparison

MANCHESTER
41414
X-A004(624)

| | | | | A-Bidder | | PS&E | | |
|---|---|---|---|---|---|---|---|---|
| Item No. | Description | Unit | Quantity | Unit Price | Total | Unit Price | Total | A-PS&E Difference |
| 1002.1 | REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES | $ | 10,000.00 | $1.00 | $10,000.00 | $1.00 | $10,000.00 | $0.00 |
| 1008.11 | ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK | $ | 10,000.00 | $1.00 | $10,000.00 | $1.00 | $10,000.00 | $0.00 |
| 1008.251 | ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS | $ | 10,000.00 | $1.00 | $10,000.00 | $1.00 | $10,000.00 | $0.00 |
| 1010.15 | FUEL ADJUSTMENT | $ | 20,000.00 | $1.00 | $20,000.00 | $1.00 | $20,000.00 | $0.00 |
| 1010.41 | QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE | $ | 12,000.00 | $1.00 | $12,000.00 | $1.00 | $12,000.00 | $0.00 |
| | | | Total: | | $3,070,680.10 | | $2,817,999.60 | $252,680.50 |

**MANCHESTER**
**X-A004(624)**
**41414**

September 17, 2021

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project involves the rehabilitation of the State Red List bridge (Br. No. 176/106) that carries Huse Rd over I-293, NH 101 in the City of Manchester. The work begins on Huse Rd. approximately 173 feet north of the bridge and continues approximately 441 feet south of the bridge.

**FEDERAL FUNDING:** 80% (Tier 3 & 4 Bridge Rehabilitation & Reconstruction (Bridg-T3-4-Rehab-Rcn)) utilizing Turnpike Toll Credits as the State's 20% match

**CONTINGENCY:** The contingency amount is proposed to be 10% of the construction total. The following factors involve higher risks that can potentially increase costs: inability to inspect some areas of the bridge prior to removal of the bridge deck, multi-phased bridge construction, and maintenance of traffic.

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

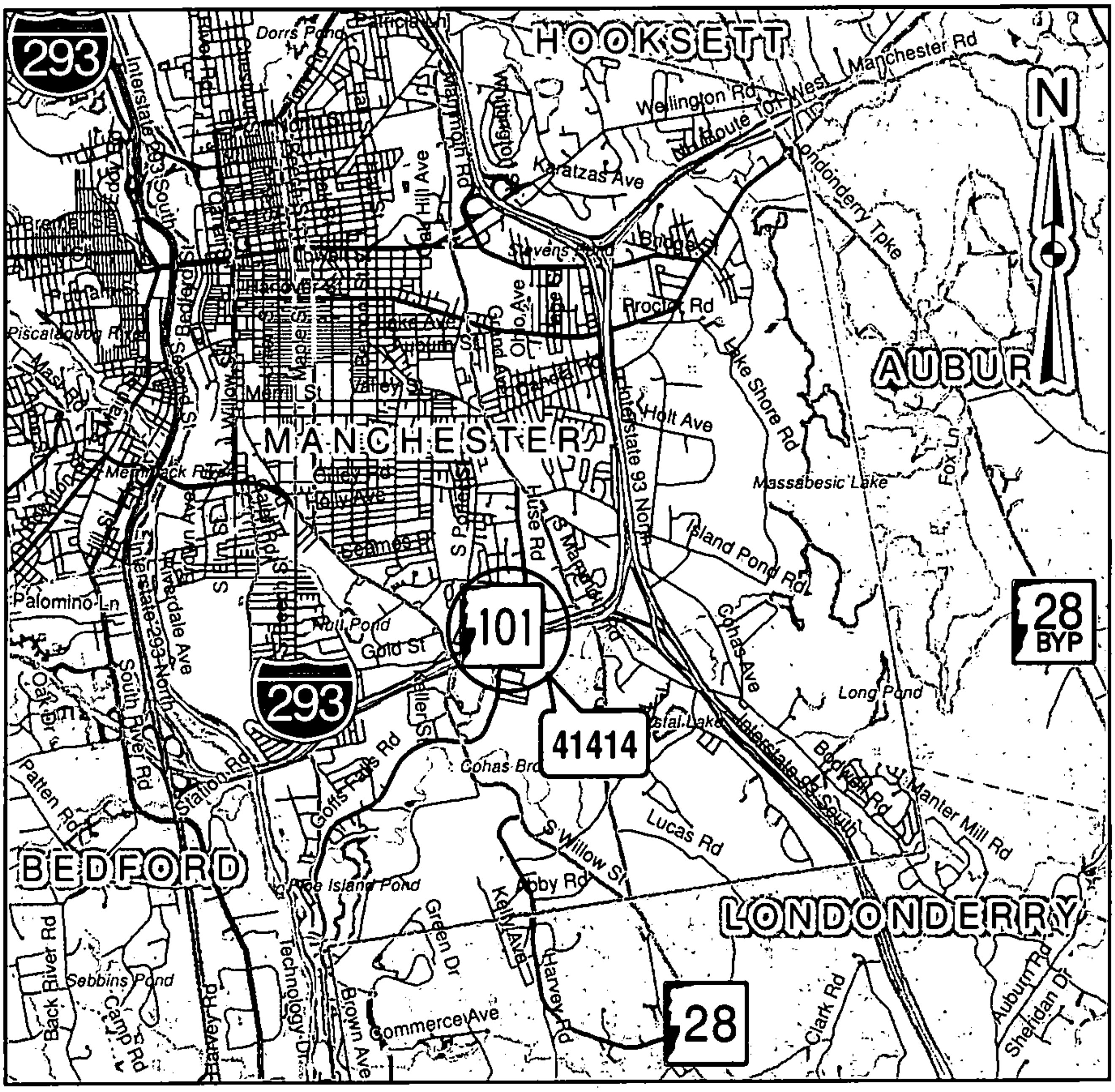
**PROJECT EXPLANATION:** The existing bridge, built in 1960, is a five-span steel stringer bridge with concrete deck and a length of 294 feet between abutments. The existing bridge deck is in serious condition with spalling concrete. The bridge has been on the Department's State Red List of deficient bridges since 2015. Steel debris shielding panels were installed between the girders in 2019. The bridge rehabilitation work includes replacement of the concrete bridge deck, waterproofing membrane, and bituminous pavement; replacement of the expansion joints; replacement of the bridge rail and bridge approach rail; repairs to substructure concrete; cleaning and painting bridge bearings, and installing pier protection. Roadway work involves milling and bituminous overlay of approximately 173 feet of Huse Road north of the bridge and 133 feet of Huse Road south of the bridge. This project will remove the bridge from the Red List and extend its service life.

**TRAFFIC IMPLICATION:** The bridge rehabilitation work will be performed in two phases maintaining one 11-ft. lane of alternating one-way traffic with temporary signals and one sidewalk for each phase. It is expected that the project will take one season to complete. A shoulder closure on I-293 will be required for installing precast concrete single-slope pier protection barrier.

**INTERMEDIATE COMPLETION DATE:** The pier protection installation on I-293 (EB and WB) shall be complete by Friday, October 28, 2022.

**FINAL COMPLETION DATE:** The final completion date is Friday, November 18, 2022.

# MANCHESTER - HUSE RD/ I-293, NH 101




Miles

1 ½ 0 1 2

## LEGEND

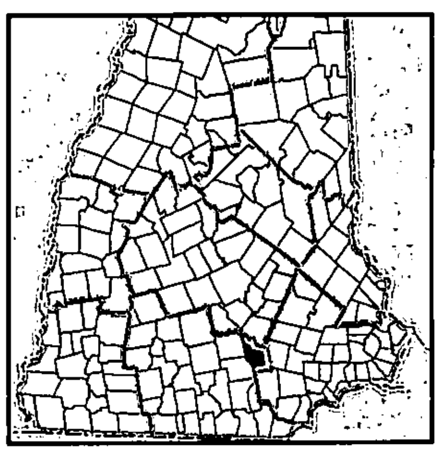
- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary

New Hampshire DOT

Department of Transportation

State #: 41414
Federal #: X-A004 (624)

**LOCATION MAP**



# State of New Hampshire

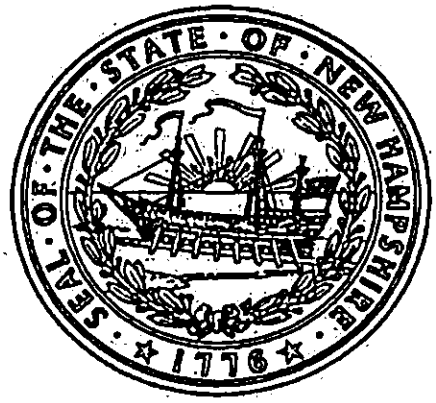
# Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that EVROKS CORPORATION is a New Hampshire Profit Corporation registered to transact business in New Hampshire on February 07, 1983. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 59773

Certificate Number: 0005423327




IN TESTIMONY WHEREOF,
I hereto set my hand and cause to be affixed
the Seal of the State of New Hampshire,
this 18th day of August A.D. 2021.

William M. Gardner
Secretary of State

Certificate of Authority # 1 *(Corporation, Non-Profit Corporation)*

## Corporate Resolution

I, Michael Ferrari, **hereby certify** that I am duly elected Clerk/Secretary/Officer of
*(Name)*
Evroks Corporation. I hereby certify the following is a true copy of a vote taken at
*(Name of Corporation)*

a meeting of the Board of Directors/shareholders, duly called and held on December 1, 2021

at which a quorum of the Directors/shareholders were present and voting.

**VOTED:** That Michael Ferrari, President (may list more than one person) is
*(Name and Title)*

duly authorized to enter into contracts or agreements on behalf of

Evroks Corporation with the State of New Hampshire and any of
*(Name of Corporation )*

its agencies or departments and further is authorized to execute any documents

which may in his/her judgment be desirable or necessary to effect the purpose of

this vote.

**I hereby certify** that said vote has not been amended or repealed and remains in full force and effect as of the date of the contract to which this certificate is attached. This authority **remains valid for thirty (30)** days from the date of this Corporate Resolution. I further certify that it is understood that the State of New Hampshire will rely on this certificate as evidence that the person(s) listed above currently occupy the position(s) indicated and that they have full authority to bind the corporation. To the extent that there are any limits on the authority of any listed individual to bind the corporation in contracts with the State of New Hampshire, all such limitations are expressly stated herein.

**DATED:** 12/01/2021 **ATTEST:** _____
(Name & Title)
Michael Ferrari, President

ACORD®

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 12/01/2021

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

PRODUCER
Cross Insurance-Laconia
155 Court Street
Laconia NH 03246

CONTACT NAME: Sarah Cullen, AINS, ACSR
PHONE (A/C, No, Ext): (603) 524-2425 FAX (A/C, No): (603) 524-3666
E-MAIL ADDRESS: sarah.cullen@crossagency.com

| INSURER(S) AFFORDING COVERAGE | NAIC # |
|---|---|
| INSURER A: Travelers Indemnity Co | 25658 |
| INSURER B: The Charter Oak Fire Ins Co | 25615 |
| INSURER C: Travelers Prop. Cas. Co. of America | 25674 |
| INSURER D: The Phoenix Ins Co | 25623 |
| INSURER E: | |
| INSURER F: | |

INSURED
Evroks Corporation
P.O. Box 318
Tilton NH 03276

COVERAGES CERTIFICATE NUMBER: CL218566311 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 | [X] COMMERCIAL GENERAL LIABILITY<br>[ ] CLAIMS-MADE [X] OCCUR<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br>[ ] POLICY [X] PRO-JECT [ ] LOC<br>[ ] OTHER: | | | 8P70220A | 06/30/2021 | 06/30/2022 | EACH OCCURRENCE | $ 1,000,000 |
| | | | | | | | DAMAGE TO RENTED PREMISES (Ea occurrence) | $ 300,000 |
| | | | | | | | MED EXP (Any one person) | $ 10,000 |
| | | | | | | | PERSONAL & ADV INJURY | $ 1,000,000 |
| | | | | | | | GENERAL AGGREGATE | $ 2,000,000 |
| | | | | | | | PRODUCTS - COMP/OP AGG | $ 2,000,000 |
| | | | | | | | GL Expansion | $ |
| B | AUTOMOBILE LIABILITY<br>[X] ANY AUTO<br>[ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS<br>[ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY | | | 8P442168 | 06/30/2021 | 06/30/2022 | COMBINED SINGLE LIMIT (Ea accident) | $ 1,000,000 |
| | | | | | | | BODILY INJURY (Per person) | $ |
| | | | | | | | BODILY INJURY (Per accident) | $ |
| | | | | | | | PROPERTY DAMAGE (Per accident) | $ |
| | | | | | | | Uninsured motorist BI- | $ 1,000,000 |
| C | [X] UMBRELLA LIAB [X] OCCUR<br>[ ] EXCESS LIAB [ ] CLAIMS-MADE<br>[ ] DED [ ] RETENTION $ | | | 8P722793 | 06/30/2021 | 06/30/2022 | EACH OCCURRENCE | $ 5,000,000 |
| | | | | | | | AGGREGATE | $ 5,000,000 |
| | | | | | | | | $ |
| D | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N [N]<br>If yes, describe under DESCRIPTION OF OPERATIONS below | N/A | | 8P699263 | 06/30/2021 | 06/30/2022 | [X] PER STATUTE [ ] OTH-ER | |
| | | | | | | | E.L. EACH ACCIDENT | $ 500,000 |
| | | | | | | | E.L. DISEASE - EA EMPLOYEE | $ 500,000 |
| | | | | | | | E.L. DISEASE - POLICY LIMIT | $ 500,000 |

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

RE: Manchester X-A004(624), 41414

The State of New Hampshire, Department of Transportation is an additional insured on a primary non-contributory basis for both ongoing and completed operations for work performed by Evroks Corporation when required in a written contract. Waiver of subrogation applies when allowed by state statute.

CERTIFICATE HOLDER

State of New Hampshire Department of Transportation
PO Box 483
7 Hazen Drive
Concord NH 03302

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

Sarah Cullen

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Cross Insurance-Laconia
155 Court Street
Laconia NH 03246

CONTACT NAME: Sarah Cullen, AINS, ACSR
PHONE (A/C, No, Ext): (603) 524-2425 FAX (A/C, No): (603) 524-3666
E-MAIL ADDRESS: sarah.cullen@crossagency.com

| INSURER(S) AFFORDING COVERAGE | NAIC # |
|---|---|
| INSURER A : Travelers Indemnity Co | 25658 |
| INSURER B : | |
| INSURER C : | |
| INSURER D : | |
| INSURER E : | |
| INSURER F : | |

INSURED
State of New Hampshire
Department of Transportation
c/o Evroks Corp P.O. Box 318
Tilton NH 03276

COVERAGES CERTIFICATE NUMBER: CL21112977539 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 | COMMERCIAL GENERAL LIABILITY<br>☐ CLAIMS-MADE ☒ OCCUR<br>☒ Owners & Contractors Protective<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br>☒ POLICY ☐ PRO-JECT ☐ LOC<br>OTHER: | | | PRS-5R643430-IND | 12/01/2021 | 12/01/2022 | EACH OCCURRENCE | $ 2,000,000 |
| | | | | | | | DAMAGE TO RENTED PREMISES (Ea occurrence) | $ |
| | | | | | | | MED EXP (Any one person) | $ |
| | | | | | | | PERSONAL & ADV INJURY | $ |
| | | | | | | | GENERAL AGGREGATE | $ 3,000,000 |
| | | | | | | | PRODUCTS - COMP/OP AGG | $ |
| | | | | | | | | $ |
| | AUTOMOBILE LIABILITY<br>☐ ANY AUTO<br>☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS<br>☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY | | | | | | COMBINED SINGLE LIMIT (Ea accident) | $ |
| | | | | | | | BODILY INJURY (Per person) | $ |
| | | | | | | | BODILY INJURY (Per accident) | $ |
| | | | | | | | PROPERTY DAMAGE (Per accident) | $ |
| | | | | | | | | $ |
| | ☐ UMBRELLA LIAB ☐ OCCUR<br>☐ EXCESS LIAB ☐ CLAIMS-MADE<br>☐ DED ☐ RETENTION $ | | | | | | EACH OCCURRENCE | $ |
| | | | | | | | AGGREGATE | $ |
| | | | | | | | | $ |
| | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N ☐<br>If yes, describe under DESCRIPTION OF OPERATIONS below | N/A | | | | | | ☐ PER STATUTE ☐ OTH-ER | |
| | | | | | | | E.L. EACH ACCIDENT | $ |
| | | | | | | | E.L. DISEASE - EA EMPLOYEE | $ |
| | | | | | | | E.L. DISEASE - POLICY LIMIT | $ |

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

RE: Manchester X-A004(624), 41414

red listed bridge rehab Bridge No 176/106 carrying Huse Road over I-293 and NH 101 in Manchester NH.

CERTIFICATE HOLDER

State of New Hampshire Department of Transportation
7 Hazen Drive
PO Box 483
Concord NH 03302

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AUTHORIZED REPRESENTATIVE

Sarah Cullen

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