



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
November 20, 2015

Her Excellency, Governor Margaret Wood Hassan
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with R.M. Piper, Inc. (Vendor 174180) of Plymouth, NH on the basis of a low bid of \$1,064,870.50 for rehabilitating the bridge that carries US 3 and NH 25 over Owl Brook in the Town of Ashland, from the date of Governor and Council approval through August 26, 2016 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Table with 3 columns: Funding description, FY 2016, FY 2017. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$764,870.50 \$300,000.00

2. Further authorize that a contingency in the amount of \$106,487.05 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.

Table with 3 columns: Funding description, FY 2016, FY 2017. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$76,487.05 \$30,000.00

EXPLANATION

This project is part of the State's 10-Year Transportation Improvement Plan. This project, located in the Town of Ashland, involves the rehabilitation of the bridge carrying US 3 and NH 25 over Owl Brook (Br. No. 107/094). The work begins approximately 250 feet south of the bridge, and continues north for approximately 400 feet. The scope of the rehabilitation includes the replacement of the bridge superstructure with precast concrete beams, new pavement and membrane, replacement of the bearings, replacement of the bridge joints, replacement of bridge rail and guardrail, substructure repair work, and rehabilitation of eroded areas under substructure. This bridge was built in 1958, and resides on the State Redlist. The proposed rehabilitation will extend the life of the structure.

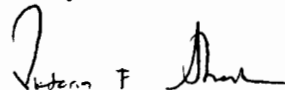
The contingency amount is proposed to be 10% of the contract amount. The inability to see areas of the bridge that will become exposed when the superstructure is removed, coupled with unknowns surrounding the extent of erosion under the bridge increase the risk of cost overruns.

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

This project funding is 80% federal funds with 20% state match. Turnpike toll credit is being utilized for match requirements, effectively using 100% federal funds.

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

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$1,618,536.50
Contract Amount: \$1,064,870.50
Under Estimate: \$ 553,666.00

Attachments

September 8, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project, located in the Town of Ashland, involves the rehabilitation of the bridge carrying US 3 and NH 25 over Owl Brook (Br. No. 107/094). The work begins approximately 250 feet south of the bridge, and continues north for approximately 400 feet. The scope of the rehabilitation includes the replacement of the bridge superstructure with precast concrete beams, new pavement and membrane, replacement of the bearings, replacement of the bridge joints, replacement of bridge rail and guardrail, substructure repair work, and rehabilitation of eroded areas under substructure.

FEDERAL FUNDING: 80% Federal Funding with utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The contingency amount is proposed to be 10% of the contract amount. The inability to see areas of the bridge that will become exposed when the superstructure is removed coupled with unknowns surrounding the extent of erosion under the bridge increase the risk of cost overruns.

PROJECT INITIATED: This project was initiated through the State Ten-Year Plan.

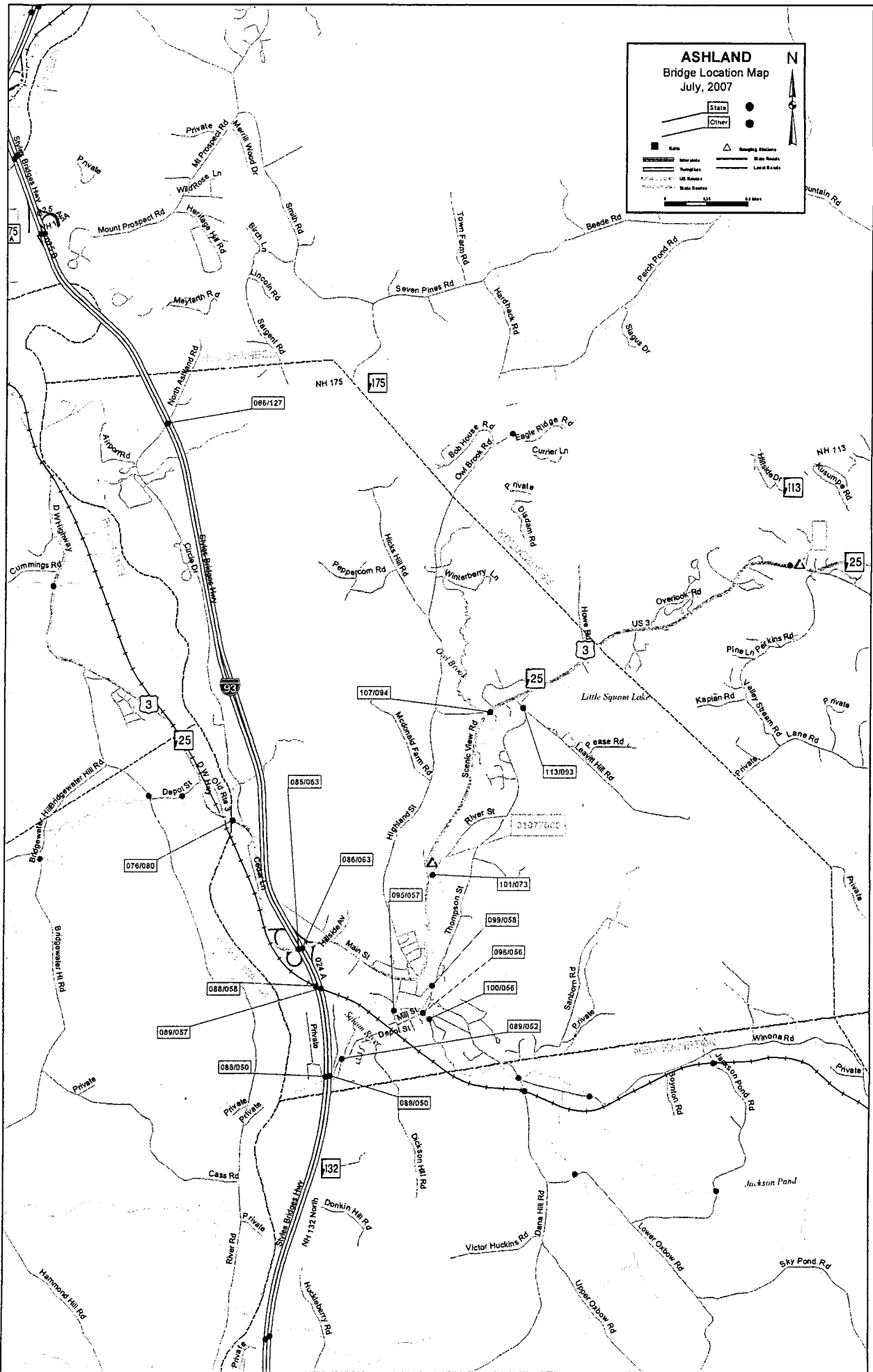
PROJECT EXPLANATION: This bridge was built in 1958, and resides on the State Redlist. The proposed rehabilitation will extend the life of the structure.

TRAFFIC IMPLICATION: Traffic will be carried on one lane utilizing temporary traffic signals during construction.

FINAL COMPLETION DATE: August 26, 2016.

ASHLAND
Bridge Location Map
July, 2007

| Roads | | Gauging Stations | |
|--------------------------------|-------------|------------------|-----------------|
| (Solid line with center line) | State | (Solid circle) | Main Road |
| (Dashed line with center line) | Other | (Open circle) | Local Road |
| (Solid line) | Interstate | (Triangle) | Gauging Station |
| (Dashed line) | US Route | | |
| (Thin solid line) | State Route | | |



State of New Hampshire Department of Transportation

Project: ASHLAND X-A001(203) 16237
County and Code: GRAFTON COUNTY 009
Date Bids Open: November 12, 2015
Scope of Work: BRIDGE REHABILITATION
Location: THE BRIDGE CARRYING US 3 AND NH 25 OVER OWL BROOK IN THE TOWN ASHLAND
Completion Date: August 26, 2016

A R.M. PIPER, INC.
 PO BOX 490, PLYMOUTH, NH 03264 \$1,064,870.50
 B BECK & BELLUCCI, INC.
 PO BOX 429, 10 SALISBURY ROAD FRANKLIN, NH 03235 \$1,234,885.50
 C T BUCK CONSTRUCTION INC (B001)
 249 MERROW RD AUBURN, ME 04210 \$1,303,500.00
 D NEW ENGLAND INFRASTRUCTURE INC (B001)
 13 BRENT DR HUDSON, MA 01749 \$1,459,188.50
 E J.P. SICARD, INC.
 PO BOX 508 BARTON, VT 05822 \$1,542,004.00

| Item No: | Description | A | | | B | | | C | | |
|-----------|--|------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| | | Unit | Quantity | Unit Price | Total | Unit Price | Total | Unit Price | Total | |
| 202.6 | CURB REMOVAL FOR STORAGE | LF | 35.00 | \$3.00 | \$105.00 | \$10.00 | \$350.00 | \$25.00 | \$875.00 | |
| 202.7 | REMOVAL OF GUARDRAIL | LF | 480.00 | \$2.00 | \$960.00 | \$10.00 | \$4,800.00 | \$4.00 | \$1,920.00 | |
| 203.1 | COMMON EXCAVATION | CY | 125.00 | \$15.00 | \$1,875.00 | \$10.00 | \$1,250.00 | \$25.00 | \$3,125.00 | |
| 203.55543 | GUARDRAIL EAGRT OFFSET PLATFORM, TL 3 | U | 2.00 | \$1,400.00 | \$2,800.00 | \$2,500.00 | \$5,000.00 | \$1,500.00 | \$3,000.00 | |
| 203.6 | EMBANKMENT-IN-PLACE (F) | CY | 20.00 | \$10.00 | \$200.00 | \$40.00 | \$800.00 | \$50.00 | \$1,000.00 | |
| 209.201 | GRANULAR BACKFILL (BRIDGE) (F) | CY | 120.00 | \$40.00 | \$4,800.00 | \$75.00 | \$9,000.00 | \$90.00 | \$10,800.00 | |
| 214 | FINE GRADING | U | 1.00 | \$6,000.00 | \$6,000.00 | \$15,000.00 | \$15,000.00 | \$5,000.00 | \$5,000.00 | |
| 304.3 | CRUSHED GRAVEL (F) | CY | 15.00 | \$40.00 | \$600.00 | \$60.00 | \$900.00 | \$65.00 | \$975.00 | |
| 304.31 | CRUSHED GRAVEL FOR SHIMMING | CY | 55.00 | \$40.00 | \$2,200.00 | \$55.00 | \$3,025.00 | \$94.00 | \$5,170.00 | |
| 304.35 | CRUSHED GRAVEL FOR DRIVES | CY | 15.00 | \$40.00 | \$600.00 | \$50.00 | \$750.00 | \$65.00 | \$975.00 | |
| 403.11 | HOT BITUMINOUS PAVEMENT, MACHINE METHOD | TON | 225.00 | \$130.00 | \$29,250.00 | \$140.00 | \$31,500.00 | \$150.00 | \$33,750.00 | |
| 403.12 | HOT BITUMINOUS PAVEMENT, HAND METHOD | TON | 20.00 | \$320.00 | \$6,400.00 | \$325.00 | \$6,500.00 | \$250.00 | \$5,000.00 | |
| 403.6 | PAVEMENT JOINT ADHESIVE | LF | 2,690.00 | \$3.50 | \$9,415.00 | \$0.25 | \$672.50 | \$1.40 | \$3,766.00 | |
| 403.911 | HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE | TON | 45.00 | \$265.00 | \$11,925.00 | \$265.00 | \$11,925.00 | \$225.00 | \$10,125.00 | |
| 417 | COLD PLANING BITUMINOUS SURFACES | SY | 230.00 | \$22.00 | \$5,060.00 | \$22.00 | \$5,060.00 | \$28.00 | \$6,440.00 | |
| 502 | REMOVAL OF EXISTING BRIDGE STRUCTURE | U | 1.00 | \$130,000.00 | \$130,000.00 | \$185,000.00 | \$185,000.00 | \$200,000.00 | \$200,000.00 | |
| 504.1 | COMMON BRIDGE EXCAVATION (F) | CY | 140.00 | \$25.00 | \$3,500.00 | \$55.00 | \$7,700.00 | \$35.00 | \$4,900.00 | |
| 508 | STRUCTURAL FILL | CY | 5.00 | \$50.00 | \$250.00 | \$150.00 | \$750.00 | \$100.00 | \$500.00 | |
| 512.0201 | PREPARATION FOR CONCRETE REPAIRS, CLASS II | SY | 3.00 | \$500.00 | \$1,500.00 | \$800.00 | \$2,400.00 | \$670.00 | \$2,010.00 | |
| 520.01 | CONCRETE CLASS AA | CY | 25.00 | \$1,150.00 | \$28,750.00 | \$1,800.00 | \$45,000.00 | \$3,000.00 | \$75,000.00 | |

| Item No: | Description | A | | | B | | | C | | |
|----------|---|------|----------|------------|--------------|------------|--------------|------------|--------------|--|
| | | Unit | Quantity | Unit Price | Total | Unit Price | Total | Unit Price | Total | |
| 520.12 | CONCRETE CLASS A, ABOVE FOOTINGS (F) | CY | 27.00 | \$1,150.00 | \$31,050.00 | \$2,500.00 | \$67,500.00 | \$1,600.00 | \$43,200.00 | |
| 520.902 | BRIDGE ABUTMENT UNDERPINNING | CY | 6.00 | \$1,650.00 | \$9,900.00 | \$2,500.00 | \$15,000.00 | \$500.00 | \$3,000.00 | |
| 528.2236 | PRESTRESSED CONCRETE BEAMS, NEXT-D 36" (F) | LF | 252.00 | \$1,160.00 | \$292,320.00 | \$1,000.00 | \$252,000.00 | \$1,500.00 | \$378,000.00 | |
| 534.3 | WATER REPELLENT (SILANE/ SILOXANE) | GAL | 15.00 | \$100.00 | \$1,500.00 | \$100.00 | \$1,500.00 | \$75.00 | \$1,125.00 | |
| 538.6 | BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F) | SY | 285.00 | \$31.00 | \$8,835.00 | \$30.00 | \$8,550.00 | \$28.00 | \$7,980.00 | |
| 541.4 | PVC WATERSTOPS, NH TYPE 4 (F) | LF | 115.00 | \$10.00 | \$1,150.00 | \$10.00 | \$1,150.00 | \$15.00 | \$1,725.00 | |
| 544 | REINFORCING STEEL (F) | LB | 5,100.00 | \$1.10 | \$5,610.00 | \$3.00 | \$15,300.00 | \$1.50 | \$7,650.00 | |
| 544.11 | REINFORCING STEEL-MECHANICAL CONNECTORS (F) | LB | 450.00 | \$3.00 | \$1,350.00 | \$5.00 | \$2,250.00 | \$4.00 | \$1,800.00 | |
| 544.2 | REINFORCING STEEL, EPOXY COATED (F) | LB | 2,650.00 | \$1.25 | \$3,312.50 | \$3.00 | \$7,950.00 | \$2.00 | \$5,300.00 | |
| 544.21 | REINFORCING STEEL, EPOXY COATED,MECHANICAL CONNECTORS (F) | LB | 125.00 | \$6.00 | \$750.00 | \$5.00 | \$625.00 | \$15.00 | \$1,875.00 | |
| 548.11 | ELASTOMERIC BEARING PADS (F) | EA | 16.00 | \$550.00 | \$8,800.00 | \$415.00 | \$6,640.00 | \$250.00 | \$4,000.00 | |
| 559.41 | ASPHALTIC PLUG FOR CRACK CONTROL (F) | LF | 87.00 | \$95.00 | \$8,265.00 | \$94.00 | \$8,178.00 | \$150.00 | \$13,050.00 | |
| 563.22 | BRIDGE RAIL T2 | LF | 130.00 | \$120.00 | \$15,600.00 | \$120.00 | \$15,600.00 | \$120.00 | \$15,600.00 | |
| 565.22 | BRIDGE APPROACH RAIL T2 | U | 4.00 | \$5,400.00 | \$21,600.00 | \$5,300.00 | \$21,200.00 | \$5,100.00 | \$20,400.00 | |
| 585.2 | STONE FILL, CLASS B | CY | 55.00 | \$60.00 | \$3,300.00 | \$75.00 | \$4,125.00 | \$50.00 | \$2,750.00 | |
| 585.3 | STONE FILL, CLASS C | CY | 15.00 | \$50.00 | \$750.00 | \$50.00 | \$750.00 | \$70.00 | \$1,050.00 | |
| 593.431 | GEOTEXTILE; PERM CONTROL CL.3, NON-WOVEN | SY | 40.00 | \$2.40 | \$96.00 | \$5.00 | \$200.00 | \$5.00 | \$200.00 | |
| 604.0007 | POLYETHYLENE LINER | EA | 1.00 | \$280.00 | \$280.00 | \$500.00 | \$500.00 | \$750.00 | \$750.00 | |

| Item No: | Description | A | | | B | | | C | | |
|----------|--|------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| | | Unit | Quantity | Unit Price | Total | Unit Price | Total | Unit Price | Total | |
| 604.4 | RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET | LF | 2.00 | \$400.00 | \$800.00 | \$750.00 | \$1,500.00 | \$750.00 | \$1,500.00 | |
| 606.120 | BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST) | LF | 300.00 | \$20.00 | \$6,000.00 | \$20.00 | \$6,000.00 | \$20.00 | \$6,000.00 | |
| 606.1254 | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST) | U | 2.00 | \$2,400.00 | \$4,800.00 | \$2,365.00 | \$4,730.00 | \$2,300.00 | \$4,600.00 | |
| 606.141 | BEAM GUARDRAIL (CURVED W/CRT POSTS) | LF | 110.00 | \$26.50 | \$2,915.00 | \$27.00 | \$2,970.00 | \$25.00 | \$2,750.00 | |
| 606.417 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL | LF | 320.00 | \$25.00 | \$8,000.00 | \$50.00 | \$16,000.00 | \$55.00 | \$17,600.00 | |
| 606.4174 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL-BRACED | LF | 160.00 | \$100.00 | \$16,000.00 | \$50.00 | \$8,000.00 | \$120.00 | \$19,200.00 | |
| 606.84 | ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS | U | 2.00 | \$1,050.00 | \$2,100.00 | \$1,300.00 | \$2,600.00 | \$1,300.00 | \$2,600.00 | |
| 606.9522 | TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2 | U | 2.00 | \$4,000.00 | \$8,000.00 | \$5,000.00 | \$10,000.00 | \$3,500.00 | \$7,000.00 | |
| 609.01 | STRAIGHT GRANITE CURB | LF | 130.00 | \$25.00 | \$3,250.00 | \$50.00 | \$6,500.00 | \$41.00 | \$5,330.00 | |
| 614.3429 | 4 INCH 2-DUCT STEEL CONDUIT (BRIDGE) | LF | 110.00 | \$110.00 | \$12,100.00 | \$100.00 | \$11,000.00 | \$150.00 | \$16,500.00 | |
| 614.523 | MOLDED PULL BOX 17"X30" | EA | 2.00 | \$700.00 | \$1,400.00 | \$475.00 | \$950.00 | \$750.00 | \$1,500.00 | |
| 616.161 | TRAFFIC SIGNALS (TEMP.) | U | 1.00 | \$44,500.00 | \$44,500.00 | \$25,000.00 | \$25,000.00 | \$25,000.00 | \$25,000.00 | |
| 618.61 | UNIFORMED OFFICERS WITH VEHICLE | \$ | 15,000.00 | \$1.00 | \$15,000.00 | \$1.00 | \$15,000.00 | \$1.00 | \$15,000.00 | |
| 618.7 | FLAGGERS | HR | 500.00 | \$30.00 | \$15,000.00 | \$35.00 | \$17,500.00 | \$30.00 | \$15,000.00 | |
| 619.1 | MAINTENANCE OF TRAFFIC | U | 1.00 | \$27,750.00 | \$27,750.00 | \$80,000.00 | \$80,000.00 | \$20,000.00 | \$20,000.00 | |
| 619.279 | AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN | U | 2.00 | \$4,000.00 | \$8,000.00 | \$3,500.00 | \$7,000.00 | \$2,500.00 | \$5,000.00 | |
| 621.2 | RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR | EA | 10.00 | \$5.00 | \$50.00 | \$4.20 | \$42.00 | \$4.00 | \$40.00 | |

| Item No: | Description | Unit | Quantity | A | | B | | C | |
|----------|---|------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | Unit Price | Total | Unit Price | Total | Unit Price | Total |
| 621.31 | SINGLE DELINEATOR WITH POST | EA | 2.00 | \$40.00 | \$80.00 | \$37.00 | \$74.00 | \$35.00 | \$70.00 |
| 621.32 | DOUBLE DELINEATOR WITH POST | EA | 2.00 | \$42.50 | \$85.00 | \$42.00 | \$84.00 | \$40.00 | \$80.00 |
| 628.2 | SAVED BITUMINOUS PAVEMENT | LF | 200.00 | \$2.00 | \$400.00 | \$2.50 | \$500.00 | \$4.00 | \$800.00 |
| 632.0104 | RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE | LF | 1,900.00 | \$0.53 | \$1,007.00 | \$0.55 | \$1,045.00 | \$2.00 | \$3,800.00 |
| 632.1104 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE | LF | 1,700.00 | \$2.00 | \$3,400.00 | \$2.20 | \$3,740.00 | \$4.00 | \$6,800.00 |
| 632.1118 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE | LF | 50.00 | \$8.50 | \$425.00 | \$9.00 | \$450.00 | \$8.00 | \$400.00 |
| 632.911 | OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER | LF | 1,000.00 | \$1.60 | \$1,600.00 | \$2.00 | \$2,000.00 | \$4.00 | \$4,000.00 |
| 645.51 | HAY BALES FOR TEMPORARY EROSION CONTROL | EA | 40.00 | \$10.00 | \$400.00 | \$10.00 | \$400.00 | \$8.00 | \$320.00 |
| 645.531 | SILT FENCE | LF | 900.00 | \$3.00 | \$2,700.00 | \$5.00 | \$4,500.00 | \$4.00 | \$3,600.00 |
| 645.7 | STORM WATER POLLUTION PREVENTION PLAN | U | 1.00 | \$6,500.00 | \$6,500.00 | \$1,785.00 | \$1,785.00 | \$2,500.00 | \$2,500.00 |
| 645.71 | MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS | HR | 80.00 | \$75.00 | \$6,000.00 | \$53.00 | \$4,240.00 | \$55.00 | \$4,400.00 |
| 646.41 | TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS | SY | 475.00 | \$2.00 | \$950.00 | \$25.00 | \$11,875.00 | \$10.00 | \$4,750.00 |
| 692 | MOBILIZATION | U | 1.00 | \$100,000.00 | \$100,000.00 | \$110,000.00 | \$110,000.00 | \$119,574.00 | \$119,574.00 |
| 698.13 | FIELD OFFICE TYPE C | MON | 10.00 | \$1,000.00 | \$10,000.00 | \$1,800.00 | \$18,000.00 | \$900.00 | \$9,000.00 |
| 699 | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL | \$ | 50,000.00 | \$1.00 | \$50,000.00 | \$1.00 | \$50,000.00 | \$1.00 | \$50,000.00 |

| Item No: | Description | Unit | Quantity | A | | B | | C | |
|----------|---|------|-----------|------------|----------------|------------|----------------|------------|----------------|
| | | | | Unit Price | Total | Unit Price | Total | Unit Price | Total |
| 1002.1 | REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES | \$ | 25,000.00 | \$1.00 | \$25,000.00 | \$1.00 | \$25,000.00 | \$1.00 | \$25,000.00 |
| 1010.15 | FUEL ADJUSTMENT | \$ | 20,000.00 | \$1.00 | \$20,000.00 | \$1.00 | \$20,000.00 | \$1.00 | \$20,000.00 |
| | | | | | \$1,064,870.50 | | \$1,234,885.50 | | \$1,303,500.00 |

| Item No: | Description | Unit | Quantity | D | | E | |
|-----------|--|------|----------|--------------|--------------|--------------|--------------|
| | | | | Unit Price | Total | Unit Price | Total |
| 202.6 | CURB REMOVAL FOR STORAGE | LF | 35.00 | \$40.00 | \$1,400.00 | \$15.00 | \$525.00 |
| 202.7 | REMOVAL OF GUARDRAIL | LF | 480.00 | \$10.00 | \$4,800.00 | \$4.00 | \$1,920.00 |
| 203.1 | COMMON EXCAVATION | CY | 125.00 | \$35.00 | \$4,375.00 | \$20.00 | \$2,500.00 |
| 203.55543 | GUARDRAIL EAGRT OFFSET PLATFORM, TL 3 | U | 2.00 | \$1,000.00 | \$2,000.00 | \$1,500.00 | \$3,000.00 |
| 203.6 | EMBANKMENT-IN-PLACE (F) | CY | 20.00 | \$55.00 | \$1,100.00 | \$20.00 | \$400.00 |
| 209.201 | GRANULAR BACKFILL (BRIDGE) (F) | CY | 120.00 | \$50.00 | \$6,000.00 | \$45.00 | \$5,400.00 |
| 214 | FINE GRADING | U | 1.00 | \$5,000.00 | \$5,000.00 | \$4,000.00 | \$4,000.00 |
| 304.3 | CRUSHED GRAVEL (F) | CY | 15.00 | \$65.00 | \$975.00 | \$40.00 | \$600.00 |
| 304.31 | CRUSHED GRAVEL FOR SHIMMING | CY | 55.00 | \$50.00 | \$2,750.00 | \$40.00 | \$2,200.00 |
| 304.35 | CRUSHED GRAVEL FOR DRIVES | CY | 15.00 | \$65.00 | \$975.00 | \$40.00 | \$600.00 |
| 403.11 | HOT BITUMINOUS PAVEMENT, MACHINE METHOD | TON | 225.00 | \$150.00 | \$33,750.00 | \$158.00 | \$35,550.00 |
| 403.12 | HOT BITUMINOUS PAVEMENT, HAND METHOD | TON | 20.00 | \$250.00 | \$5,000.00 | \$262.00 | \$5,240.00 |
| 403.6 | PAVEMENT JOINT ADHESIVE | LF | 2,690.00 | \$1.40 | \$3,766.00 | \$0.80 | \$2,152.00 |
| 403.911 | HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE | TON | 45.00 | \$225.00 | \$10,125.00 | \$236.00 | \$10,620.00 |
| 417 | COLD PLANING BITUMINOUS SURFACES | SY | 230.00 | \$25.00 | \$5,750.00 | \$30.00 | \$6,900.00 |
| 502 | REMOVAL OF EXISTING BRIDGE STRUCTURE | U | 1.00 | \$250,000.00 | \$250,000.00 | \$250,000.00 | \$250,000.00 |
| 504.1 | COMMON BRIDGE EXCAVATION (F) | CY | 140.00 | \$40.00 | \$5,600.00 | \$30.00 | \$4,200.00 |
| 508 | STRUCTURAL FILL | CY | 5.00 | \$75.00 | \$375.00 | \$65.00 | \$325.00 |
| 512.0201 | PREPARATION FOR CONCRETE REPAIRS, CLASS II | SY | 3.00 | \$400.00 | \$1,200.00 | \$500.00 | \$1,500.00 |
| 520.01 | CONCRETE CLASS AA | CY | 25.00 | \$1,800.00 | \$45,000.00 | \$1,680.00 | \$42,000.00 |

| Item No: | Description | Unit | Quantity | D | | E | |
|----------|--|------|----------|------------|--------------|------------|--------------|
| | | | | Unit Price | Total | Unit Price | Total |
| 520.12 | CONCRETE CLASS A, ABOVE FOOTINGS (F) | CY | 27.00 | \$1,200.00 | \$32,400.00 | \$1,540.00 | \$41,580.00 |
| 520.902 | BRIDGE ABUTMENT UNDERPINNING | CY | 6.00 | \$1,800.00 | \$10,800.00 | \$1,700.00 | \$10,200.00 |
| 528.2236 | PRESTRESSED CONCRETE BEAMS, NEXT-D 36" (F) | LF | 252.00 | \$1,450.00 | \$365,400.00 | \$2,350.00 | \$592,200.00 |
| 534.3 | WATER REPELLENT (SILANE/SILOXANE) | GAL | 15.00 | \$90.00 | \$1,350.00 | \$75.00 | \$1,125.00 |
| 538.6 | BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F) | SY | 285.00 | \$30.00 | \$8,550.00 | \$29.00 | \$8,265.00 |
| 541.4 | PVC WATERSTOPS, NH TYPE 4 (F) | LF | 115.00 | \$15.00 | \$1,725.00 | \$6.00 | \$690.00 |
| 544 | REINFORCING STEEL (F) | LB | 5,100.00 | \$1.20 | \$6,120.00 | \$1.65 | \$8,415.00 |
| 544.11 | REINFORCING STEEL-MECHANICAL CONNECTORS (F) | LB | 450.00 | \$1.80 | \$810.00 | \$3.00 | \$1,350.00 |
| 544.2 | REINFORCING STEEL, EPOXY COATED (F) | LB | 2,650.00 | \$1.25 | \$3,312.50 | \$2.80 | \$7,420.00 |
| 544.21 | REINFORCING STEEL, EPOXY | LB | 125.00 | \$2.80 | \$350.00 | \$11.00 | \$1,375.00 |
| 548.11 | ELASTOMERIC BEARING PADS (F) | EA | 16.00 | \$500.00 | \$8,000.00 | \$330.00 | \$5,280.00 |
| 559.41 | ASPHALTIC PLUG FOR CRACK CONTROL (F) | LF | 87.00 | \$160.00 | \$13,920.00 | \$95.00 | \$8,265.00 |
| 563.22 | BRIDGE RAIL T2 | LF | 130.00 | \$120.00 | \$15,600.00 | \$117.00 | \$15,210.00 |
| 565.22 | BRIDGE APPROACH RAIL T2 | U | 4.00 | \$5,000.00 | \$20,000.00 | \$5,329.00 | \$21,316.00 |
| 585.2 | STONE FILL, CLASS B | CY | 55.00 | \$75.00 | \$4,125.00 | \$50.00 | \$2,750.00 |
| 585.3 | STONE FILL, CLASS C | CY | 15.00 | \$80.00 | \$1,200.00 | \$50.00 | \$750.00 |
| 593.431 | GEOTEXTILE; PERM CONTROL CL.3, NON-WOVEN | SY | 40.00 | \$8.00 | \$320.00 | \$10.00 | \$400.00 |
| 604.0007 | POLYETHYLENE LINER | EA | 1.00 | \$375.00 | \$375.00 | \$300.00 | \$300.00 |

| Item No: | Description | Unit | Quantity | D | | E | |
|----------|--|------|-----------|--------------|--------------|-------------|-------------|
| | | | | Unit Price | Total | Unit Price | Total |
| 604.4 | RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET | LF | 2.00 | \$270.00 | \$540.00 | \$1,500.00 | \$3,000.00 |
| 606.120 | BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST) | LF | 300.00 | \$20.00 | \$6,000.00 | \$20.00 | \$6,000.00 |
| 606.1254 | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST) | U | 2.00 | \$2,500.00 | \$5,000.00 | \$2,362.00 | \$4,724.00 |
| 606.141 | BEAM GUARDRAIL (CURVED W/CRT POSTS) | LF | 110.00 | \$25.00 | \$2,750.00 | \$26.00 | \$2,860.00 |
| 606.417 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL | LF | 320.00 | \$70.00 | \$22,400.00 | \$28.00 | \$8,960.00 |
| 606.4174 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL-BRACED | LF | 160.00 | \$140.00 | \$22,400.00 | \$200.00 | \$32,000.00 |
| 606.84 | ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS | U | 2.00 | \$1,250.00 | \$2,500.00 | \$1,312.00 | \$2,624.00 |
| 606.9522 | TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2 | U | 2.00 | \$7,000.00 | \$14,000.00 | \$5,000.00 | \$10,000.00 |
| 609.01 | STRAIGHT GRANITE CURB | LF | 130.00 | \$50.00 | \$6,500.00 | \$32.00 | \$4,160.00 |
| 614.3429 | 4 INCH 2-DUCT STEEL CONDUIT (BRIDGE) | LF | 110.00 | \$75.00 | \$8,250.00 | \$74.00 | \$8,140.00 |
| 614.523 | MOLDED PULL BOX 17"X30" | EA | 2.00 | \$1,250.00 | \$2,500.00 | \$500.00 | \$1,000.00 |
| 616.161 | TRAFFIC SIGNALS (TEMP.) | U | 1.00 | \$100,000.00 | \$100,000.00 | \$22,050.00 | \$22,050.00 |
| 618.61 | UNIFORMED OFFICERS WITH VEHICLE | \$ | 15,000.00 | \$1.00 | \$15,000.00 | \$1.00 | \$15,000.00 |
| 618.7 | FLAGGERS | HR | 500.00 | \$1.00 | \$500.00 | \$36.00 | \$18,000.00 |
| 619.1 | MAINTENANCE OF TRAFFIC | U | 1.00 | \$50,000.00 | \$50,000.00 | \$15,000.00 | \$15,000.00 |
| 619.279 | AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN | U | 2.00 | \$10,000.00 | \$20,000.00 | \$3,000.00 | \$6,000.00 |
| 621.2 | RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR | EA | 10.00 | \$5.00 | \$50.00 | \$5.00 | \$50.00 |

| Item No: | Description | Unit | Quantity | D | | E | |
|----------|---|------|-----------|--------------|--------------|--------------|--------------|
| | | | | Unit Price | Total | Unit Price | Total |
| 621.31 | SINGLE DELINEATOR WITH POST | EA | 2.00 | \$40.00 | \$80.00 | \$37.00 | \$74.00 |
| 621.32 | DOUBLE DELINEATOR WITH POST | EA | 2.00 | \$45.00 | \$90.00 | \$42.00 | \$84.00 |
| 628.2 | SAVED BITUMINOUS PAVEMENT | LF | 200.00 | \$6.00 | \$1,200.00 | \$2.00 | \$400.00 |
| 632.0104 | RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE | LF | 1,900.00 | \$1.20 | \$2,280.00 | \$0.75 | \$1,425.00 |
| 632.1104 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE | LF | 1,700.00 | \$5.00 | \$8,500.00 | \$2.00 | \$3,400.00 |
| 632.1118 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE | LF | 50.00 | \$8.00 | \$400.00 | \$8.00 | \$400.00 |
| 632.911 | OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER | LF | 1,000.00 | \$3.00 | \$3,000.00 | \$1.60 | \$1,600.00 |
| 645.51 | HAY BALES FOR TEMPORARY EROSION CONTROL | EA | 40.00 | \$20.00 | \$800.00 | \$12.00 | \$480.00 |
| 645.531 | SILT FENCE | LF | 900.00 | \$10.00 | \$9,000.00 | \$2.00 | \$1,800.00 |
| 645.7 | STORM WATER POLLUTION PREVENTION PLAN | U | 1.00 | \$5,000.00 | \$5,000.00 | \$2,500.00 | \$2,500.00 |
| 645.71 | MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS | HR | 80.00 | \$65.00 | \$5,200.00 | \$50.00 | \$4,000.00 |
| 646.41 | TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS | SY | 475.00 | \$2.00 | \$950.00 | \$10.00 | \$4,750.00 |
| 692 | MOBILIZATION | U | 1.00 | \$145,000.00 | \$145,000.00 | \$150,000.00 | \$150,000.00 |
| 698.13 | FIELD OFFICE TYPE C | MON | 10.00 | \$2,000.00 | \$20,000.00 | \$1,000.00 | \$10,000.00 |
| 699 | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL | \$ | 50,000.00 | \$1.00 | \$50,000.00 | \$1.00 | \$50,000.00 |

| Item No: | Description | Unit | Quantity | D | | E | |
|----------|---|------|-----------|------------|----------------|------------|----------------|
| | | | | Unit Price | Total | Unit Price | Total |
| 1002.1 | REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES | \$ | 25,000.00 | \$1.00 | \$25,000.00 | \$1.00 | \$25,000.00 |
| 1010.15 | FUEL ADJUSTMENT | \$ | 20,000.00 | \$1.00 | \$20,000.00 | \$1.00 | \$20,000.00 |
| | | | | | \$1,459,188.50 | | \$1,542,004.00 |

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

| Item No: | Description | Unit | Quantity | A-Bidder | | PS&E | | A-PS&E Difference |
|-----------|--|------|----------|--------------|--------------|--------------|--------------|-------------------|
| | | | | Unit Price | Total | Unit Price | Total | |
| 202.6 | CURB REMOVAL FOR STORAGE | LF | 35.00 | \$3.00 | \$105.00 | \$10.00 | \$350.00 | (\$245.00) |
| 202.7 | REMOVAL OF GUARDRAIL | LF | 480.00 | \$2.00 | \$960.00 | \$3.15 | \$1,512.00 | (\$552.00) |
| 203.1 | COMMON EXCAVATION | CY | 125.00 | \$15.00 | \$1,875.00 | \$27.00 | \$3,375.00 | (\$1,500.00) |
| 203.55543 | GUARDRAIL EAGRT OFFSET PLATFORM, TL 3 | U | 2.00 | \$1,400.00 | \$2,800.00 | \$1,900.00 | \$3,800.00 | (\$1,000.00) |
| 203.6 | EMBANKMENT-IN-PLACE (F) | CY | 20.00 | \$10.00 | \$200.00 | \$23.00 | \$460.00 | (\$260.00) |
| 209.201 | GRANULAR BACKFILL (BRIDGE) (F) | CY | 120.00 | \$40.00 | \$4,800.00 | \$60.00 | \$7,200.00 | (\$2,400.00) |
| 214 | FINE GRADING | U | 1.00 | \$6,000.00 | \$6,000.00 | \$75,000.00 | \$75,000.00 | (\$69,000.00) |
| 304.3 | CRUSHED GRAVEL (F) | CY | 15.00 | \$40.00 | \$600.00 | \$50.00 | \$750.00 | (\$150.00) |
| 304.31 | CRUSHED GRAVEL FOR SHIMMING | CY | 55.00 | \$40.00 | \$2,200.00 | \$35.00 | \$1,925.00 | \$275.00 |
| 304.35 | CRUSHED GRAVEL FOR DRIVES | CY | 15.00 | \$40.00 | \$600.00 | \$45.00 | \$675.00 | (\$75.00) |
| 403.11 | HOT BITUMINOUS PAVEMENT, MACHINE METHOD | TON | 225.00 | \$130.00 | \$29,250.00 | \$125.00 | \$28,125.00 | \$1,125.00 |
| 403.12 | HOT BITUMINOUS PAVEMENT, HAND METHOD | TON | 20.00 | \$320.00 | \$6,400.00 | \$200.00 | \$4,000.00 | \$2,400.00 |
| 403.6 | PAVEMENT JOINT ADHESIVE | LF | 2,690.00 | \$3.50 | \$9,415.00 | \$0.75 | \$2,017.50 | \$7,397.50 |
| 403.911 | HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE | TON | 45.00 | \$265.00 | \$11,925.00 | \$200.00 | \$9,000.00 | \$2,925.00 |
| 417 | COLD PLANING BITUMINOUS SURFACES | SY | 230.00 | \$22.00 | \$5,060.00 | \$15.00 | \$3,450.00 | \$1,610.00 |
| 502 | REMOVAL OF EXISTING BRIDGE STRUCTURE | U | 1.00 | \$130,000.00 | \$130,000.00 | \$100,000.00 | \$100,000.00 | \$30,000.00 |
| 504.1 | COMMON BRIDGE EXCAVATION (F) | CY | 140.00 | \$25.00 | \$3,500.00 | \$60.00 | \$8,400.00 | (\$4,900.00) |
| 508 | STRUCTURAL FILL | CY | 5.00 | \$50.00 | \$250.00 | \$60.00 | \$300.00 | (\$50.00) |
| 512.0201 | PREPARATION FOR CONCRETE REPAIRS, CLASS II | SY | 3.00 | \$500.00 | \$1,500.00 | \$1,200.00 | \$3,600.00 | (\$2,100.00) |

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

| Item No: | Description | Unit | A-Bidder | | PS&E | | A-PS&E Difference | |
|----------|---|------|----------|------------|--------------|-------------|-------------------|----------------|
| | | | Quantity | Unit Price | Total | Unit Price | | Total |
| 520.01 | CONCRETE CLASS AA | CY | 25.00 | \$1,150.00 | \$28,750.00 | \$1,800.00 | \$45,000.00 | (\$16,250.00) |
| 520.12 | CONCRETE CLASS A, ABOVE FOOTINGS (F) | CY | 27.00 | \$1,150.00 | \$31,050.00 | \$1,000.00 | \$27,000.00 | \$4,050.00 |
| 520.902 | BRIDGE ABUTMENT UNDERPINNING | CY | 6.00 | \$1,650.00 | \$9,900.00 | \$10,000.00 | \$60,000.00 | (\$50,100.00) |
| 528.2236 | PRESTRESSED CONCRETE BEAMS, NEXT-D 36" (F) | LF | 252.00 | \$1,160.00 | \$292,320.00 | \$1,750.00 | \$441,000.00 | (\$148,680.00) |
| 534.3 | WATER REPELLENT (SILANE/SILOXANE) | GAL | 15.00 | \$100.00 | \$1,500.00 | \$140.00 | \$2,100.00 | (\$600.00) |
| 538.6 | BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F) | SY | 285.00 | \$31.00 | \$8,835.00 | \$25.00 | \$7,125.00 | \$1,710.00 |
| 541.4 | PVC WATERSTOPS, NH TYPE 4 (F) | LF | 115.00 | \$10.00 | \$1,150.00 | \$10.00 | \$1,150.00 | \$0.00 |
| 544 | REINFORCING STEEL (F) | LB | 5,100.00 | \$1.10 | \$5,610.00 | \$1.50 | \$7,650.00 | (\$2,040.00) |
| 544.11 | REINFORCING STEEL-MECHANICAL CONNECTORS (F) | LB | 450.00 | \$3.00 | \$1,350.00 | \$10.00 | \$4,500.00 | (\$3,150.00) |
| 544.2 | REINFORCING STEEL, EPOXY COATED (F) | LB | 2,650.00 | \$1.25 | \$3,312.50 | \$1.50 | \$3,975.00 | (\$662.50) |
| 544.21 | REINFORCING STEEL, EPOXY COATED,MECHANICAL CONNECTORS (F) | LB | 125.00 | \$6.00 | \$750.00 | \$10.00 | \$1,250.00 | (\$500.00) |
| 548.11 | ELASTOMERIC BEARING PADS (F) | EA | 16.00 | \$550.00 | \$8,800.00 | \$1,000.00 | \$16,000.00 | (\$7,200.00) |
| 559.41 | ASPHALTIC PLUG FOR CRACK CONTROL (F) | LF | 87.00 | \$95.00 | \$8,265.00 | \$150.00 | \$13,050.00 | (\$4,785.00) |
| 563.22 | BRIDGE RAIL T2 | LF | 130.00 | \$120.00 | \$15,600.00 | \$120.00 | \$15,600.00 | \$0.00 |
| 565.22 | BRIDGE APPROACH RAIL T2 | U | 4.00 | \$5,400.00 | \$21,600.00 | \$5,000.00 | \$20,000.00 | \$1,600.00 |
| 585.2 | STONE FILL, CLASS B | CY | 55.00 | \$60.00 | \$3,300.00 | \$75.00 | \$4,125.00 | (\$825.00) |
| 585.3 | STONE FILL, CLASS C | CY | 15.00 | \$50.00 | \$750.00 | \$75.00 | \$1,125.00 | (\$375.00) |
| 593.431 | GEOTEXTILE; PERM CONTROL CL.3, NON-WOVEN | SY | 40.00 | \$2.40 | \$96.00 | \$5.00 | \$200.00 | (\$104.00) |

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

| Item No: | Description | Unit | Quantity | A-Bidder | | PS&E | | A-PS&E Difference |
|----------|--|------|-----------|-------------|-------------|-------------|-------------|-------------------|
| | | | | Unit Price | Total | Unit Price | Total | |
| 604.0007 | POLYETHYLENE LINER | EA | 1.00 | \$280.00 | \$280.00 | \$200.00 | \$200.00 | \$80.00 |
| 604.4 | RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET | LF | 2.00 | \$400.00 | \$800.00 | \$500.00 | \$1,000.00 | (\$200.00) |
| 606.120 | BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST) | LF | 300.00 | \$20.00 | \$6,000.00 | \$20.00 | \$6,000.00 | \$0.00 |
| 606.1254 | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST) | U | 2.00 | \$2,400.00 | \$4,800.00 | \$2,200.00 | \$4,400.00 | \$400.00 |
| 606.141 | BEAM GUARDRAIL (CURVED W/CRT POSTS) | LF | 110.00 | \$26.50 | \$2,915.00 | \$30.00 | \$3,300.00 | (\$385.00) |
| 606.417 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL | LF | 320.00 | \$25.00 | \$8,000.00 | \$70.00 | \$22,400.00 | (\$14,400.00) |
| 606.4174 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL-BRACED | LF | 160.00 | \$100.00 | \$16,000.00 | \$140.00 | \$22,400.00 | (\$6,400.00) |
| 606.84 | ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS | U | 2.00 | \$1,050.00 | \$2,100.00 | \$1,300.00 | \$2,600.00 | (\$500.00) |
| 606.9522 | TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2 | U | 2.00 | \$4,000.00 | \$8,000.00 | \$5,000.00 | \$10,000.00 | (\$2,000.00) |
| 609.01 | STRAIGHT GRANITE CURB | LF | 130.00 | \$25.00 | \$3,250.00 | \$30.00 | \$3,900.00 | (\$650.00) |
| 614.3429 | 4 INCH 2-DUCT STEEL CONDUIT (BRIDGE) | LF | 110.00 | \$110.00 | \$12,100.00 | \$100.00 | \$11,000.00 | \$1,100.00 |
| 614.523 | MOLDED PULL BOX 17"X30" | EA | 2.00 | \$700.00 | \$1,400.00 | \$650.00 | \$1,300.00 | \$100.00 |
| 616.161 | TRAFFIC SIGNALS (TEMP.) | U | 1.00 | \$44,500.00 | \$44,500.00 | \$50,000.00 | \$50,000.00 | (\$5,500.00) |
| 618.61 | UNIFORMED OFFICERS WITH VEHICLE | \$ | 15,000.00 | \$1.00 | \$15,000.00 | \$1.00 | \$15,000.00 | \$0.00 |
| 618.7 | FLAGGERS | HR | 500.00 | \$30.00 | \$15,000.00 | \$26.00 | \$13,000.00 | \$2,000.00 |
| 619.1 | MAINTENANCE OF TRAFFIC | U | 1.00 | \$27,750.00 | \$27,750.00 | \$75,000.00 | \$75,000.00 | (\$47,250.00) |
| 619.279 | AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN | U | 2.00 | \$4,000.00 | \$8,000.00 | \$5,000.00 | \$10,000.00 | (\$2,000.00) |

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

| Item No: | Description | Unit | A-Bidder | | PS&E | | A-PS&E Difference |
|----------|---|------|----------|--------------|--------------|--------------|-----------------------------|
| | | | Quantity | Unit Price | Total | Unit Price | |
| 621.2 | RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR | EA | 10.00 | \$5.00 | \$50.00 | \$6.00 | \$60.00 (\$10.00) |
| 621.31 | SINGLE DELINEATOR WITH POST | EA | 2.00 | \$40.00 | \$80.00 | \$35.00 | \$70.00 \$10.00 |
| 621.32 | DOUBLE DELINEATOR WITH POST | EA | 2.00 | \$42.50 | \$85.00 | \$41.00 | \$82.00 \$3.00 |
| 628.2 | SAWED BITUMINOUS PAVEMENT | LF | 200.00 | \$2.00 | \$400.00 | \$3.00 | \$600.00 (\$200.00) |
| 632.0104 | RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE | LF | 1,900.00 | \$0.53 | \$1,007.00 | \$0.20 | \$380.00 \$627.00 |
| 632.1104 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE | LF | 1,700.00 | \$2.00 | \$3,400.00 | \$1.20 | \$2,040.00 \$1,360.00 |
| 632.1118 | PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE | LF | 50.00 | \$8.50 | \$425.00 | \$5.00 | \$250.00 \$175.00 |
| 632.911 | OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER | LF | 1,000.00 | \$1.60 | \$1,600.00 | \$1.00 | \$1,000.00 \$600.00 |
| 645.51 | HAY BALES FOR TEMPORARY EROSION CONTROL | EA | 40.00 | \$10.00 | \$400.00 | \$11.00 | \$440.00 (\$40.00) |
| 645.531 | SILT FENCE | LF | 900.00 | \$3.00 | \$2,700.00 | \$3.50 | \$3,150.00 (\$450.00) |
| 645.7 | STORM WATER POLLUTION PREVENTION PLAN | U | 1.00 | \$6,500.00 | \$6,500.00 | \$10,000.00 | \$10,000.00 (\$3,500.00) |
| 645.71 | MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS | HR | 80.00 | \$75.00 | \$6,000.00 | \$85.00 | \$6,800.00 (\$800.00) |
| 646.41 | TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS | SY | 475.00 | \$2.00 | \$950.00 | \$5.00 | \$2,375.00 (\$1,425.00) |
| 692 | MOBILIZATION | U | 1.00 | \$100,000.00 | \$100,000.00 | \$300,000.00 | \$300,000.00 (\$200,000.00) |
| 698.13 | FIELD OFFICE TYPE C | MON | 10.00 | \$1,000.00 | \$10,000.00 | \$2,000.00 | \$20,000.00 (\$10,000.00) |

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

| Item No: | Description | Unit | Quantity | A-Bidder | | PS&E | | A-PS&E Difference |
|----------|---|------|-----------|------------|----------------|------------|----------------|-------------------|
| | | | | Unit Price | Total | Unit Price | Total | |
| 699 | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL | \$ | 50,000.00 | \$1.00 | \$50,000.00 | \$1.00 | \$50,000.00 | \$0.00 |
| 1002.1 | REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES | \$ | 25,000.00 | \$1.00 | \$25,000.00 | \$1.00 | \$25,000.00 | \$0.00 |
| 1010.15 | FUEL ADJUSTMENT | \$ | 20,000.00 | \$1.00 | \$20,000.00 | \$1.00 | \$20,000.00 | \$0.00 |
| | | | | | \$1,064,870.50 | | \$1,618,536.50 | (\$553,666.00) |



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/17/2015

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

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

| | | |
|--|---|--------|
| PRODUCER THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511 | CONTACT NAME: Peggy Johnson | |
| | PHONE (A/C, No, Ext): (603) 224-2562 FAX (A/C, No): (603) 224-8012 E-MAIL ADDRESS: pjohnson@rowleyagency.com | |
| INSURED R.M. Piper, Inc. P.O. Box 490 141 Smith Bridge Road Plymouth NH 03264 | INSURER(S) AFFORDING COVERAGE | NAIC # |
| | INSURER A: Phoenix Ins Co | |
| | INSURER B: Travelers Prop Cas Co of Amer | |
| | INSURER C: Travelers Indemnity Co. | |
| | INSURER D: Travelers Casualty & Surety | |
| | INSURER E: INSURER F: | |

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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

| INSR LTR | TYPE OF INSURANCE | ADDL INSR | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|--|---|----------|---|-------------------------|-------------------------|--|
| A | GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR | | | DTCO3B267606PHX15 Per Project Aggregate Applies Only if Required by Written Contract | 3/1/2015 | 3/1/2016 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 |
| | GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC | | | | | | |
| C | AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS | | | DT8105388B332IND15 | 3/1/2015 | 3/1/2016 | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Medical payments \$ |
| | <input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB | <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE | | | | | EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 |
| B | DED <input checked="" type="checkbox"/> RETENTION \$ 10,000 | | | DTSMCUP3209R09ATIL15 | 3/1/2015 | 3/1/2016 | |
| D | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below | | | 3A States: NH, VT DTAUB6773P761ACR15 | 3/1/2015 | 3/1/2016 | <input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> 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 (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Bridge Rehabilitation on the bridge carrying US 3 and NH 25 over Owl Brook

CERTIFICATE HOLDER

CANCELLATION

| | |
|--|--|
| State of NH DOT POB 483 Concord, NH 03302-0483 | SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. |
| | AUTHORIZED REPRESENTATIVE Peggy Johnson/PAJ <i>Peggy A Johnson</i> |



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/17/2015

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

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

| | | |
|--|---|--------------------------------------|
| PRODUCER THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511 | CONTACT NAME: Peggy Johnson PHONE (A/C, No, Ext): (603) 224-2562 E-MAIL ADDRESS: pjohnson@rowleyagency.com | FAX (A/C, No): (603) 224-8012 |
| | INSURER(S) AFFORDING COVERAGE | |
| INSURED State of NH DOT P.O. Box 483 Concord NH 03302-0483 | INSURER A: Travelers NAIC # 28188 | |
| | INSURER B: | |
| | INSURER C: | |
| | INSURER D: | |
| | INSURER E: | |
| | INSURER F: | |

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:


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

| INSR LTR | TYPE OF INSURANCE | ADDL SUBR INSD WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|---|--|--------------------|------------------|-------------------------|-------------------------|--|
| A | COMMERCIAL GENERAL LIABILITY | | PRS-4G419920-IND | 12/16/2015 | 12/16/2016 | EACH OCCURRENCE \$ 2,000,000 |
| | <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR | | | | | DAMAGE TO RENTED PREMISES (Ea occurrence) \$ |
| | <input checked="" type="checkbox"/> Owners & Contractors | | | | | MED EXP (Any one person) \$ |
| | <input type="checkbox"/> Protective Liability | | | | | PERSONAL & ADV INJURY \$ |
| GEN'L AGGREGATE LIMIT APPLIES PER: | | | | | | GENERAL AGGREGATE \$ 3,000,000 |
| <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC | | | | | | PRODUCTS - COMP/OP AGG \$ |
| OTHER: | | | | | | \$ |
| AUTOMOBILE LIABILITY | | | | | | COMBINED SINGLE LIMIT (Ea accident) \$ |
| <input type="checkbox"/> ANY AUTO | | | | | | BODILY INJURY (Per person) \$ |
| <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS | | | | | | BODILY INJURY (Per accident) \$ |
| <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS | | | | | | PROPERTY DAMAGE (Per accident) \$ |
| | | | | | | \$ |
| UMBRELLA LIAB <input type="checkbox"/> OCCUR | | | | | | EACH OCCURRENCE \$ |
| EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE | | | | | | AGGREGATE \$ |
| DED RETENTION \$ | | | | | | \$ |
| WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | | | | | | PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> |
| ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N <input type="checkbox"/> N/A | | | | | | E.L. EACH ACCIDENT \$ |
| If yes, describe under DESCRIPTION OF OPERATIONS below | | | | | | 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)

Bridge Rehabilitation on the bridge carrying US 3 and NH 25 over Owl Brook

CERTIFICATE HOLDER**CANCELLATION**

| | |
|--|--|
| State of NH DOT POB 483 Concord, NH 03302-0483 | SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Danielle Rice/DJR  |
|--|--|

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