



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

March 29, 2023
Subject: Highway Reconstruction
State WIN: 020421.00
Location: **Van Buren**
Amendment No. 1

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE pages 17 – 26, “Proposal Schedule of Items”, 10 pages, dated 3/13/2023, and **REPLACE** with the attached, revised Proposal Schedule of Items”, 10 pages, dated 3/27/2023.

In the Plan Set:

REMOVE SHEET NUMBER 5 OF 216, ESTIMATED QUANTITIES, dated 5/9/2020, and **REPLACE** with the attached, revised SHEET NUMBER 5 OF 216, ESTIMATED QUANTITIES, dated 3/22/2023.

The following questions have been received:

Question: Sheet 5 of the project drawings has 34,000 yd common Ex, but schedule of items has 3,400cy.

Response: Correct quantity is 34,000. Please see revised sheet 5, Estimated Quantities sheet and revised Schedule of items.

Question: Sheet 5 on project drawing show 5 box culverts, schedule of items shows 4.

Response: Correct quantity is 5, Please see revised Schedule of items.

Question: Sheet 9 list 13 manholes to be removed, but the schedule of items shows 14.

Response: Construction Notes (sh.9) is correct with 13. Please see revised sheet 5, Estimated Quantities sheet,

Question: Sheet 9 removal of single treetop only, has 6 items. These items also seem to appear under item 202.15 Removing stump.

Response: Construction Notes (sh.9) for items 201.23 and 201.24 are correct. Tree removal and stumps are paid separately. Plans also depict existing stumps where the treetop has already been removed.

Question: Items 202.15 Removing Existing Manhole or Catch basin shows 14 items, Sheet 9 has 13 in listed?

Response: Construction Notes (sh.9) is correct with 13. See revised item 202.15 Schedule of items.

Consider these changes and information prior to submitting your bid on **April 12, 2023**.

Sincerely



George M. A. Macdougall P.E.
Contracts & Specifications Engineer

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 020421.00

Project(s): 020421.00

SECTION: 1 PROJECT ITEMS

Alt Set ID:

Alt Mbr ID:

Contractor: _____

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | | Bid Amount | |
|----------------------|--|--------------------------------|------------|-----------|------------|-----------|
| | | | Dollars | Cents | Dollars | Cents |
| 0010 | 201.11 CLEARING | 1.500 AC | _____ | _____ | _____ | _____ |
| 0020 | 201.23 REMOVING SINGLE TREE TOP ONLY | 6.000 EA | _____ | _____ | _____ | _____ |
| 0030 | 201.24 REMOVING STUMP | 19.000 EA | _____ | _____ | _____ | _____ |
| 0040 | 202.15 REMOVING EXISTING MANHOLE OR CATCH BASIN | 13.000 EA | _____ | _____ | _____ | _____ |
| 0050 | 203.20 COMMON EXCAVATION | 34,000.000 CY | _____ | _____ | _____ | _____ |
| 0060 | 203.2312 HEALTH AND SAFETY PLAN | LUMP SUM | LUMP SUM | | _____ | _____ |
| 0070 | 203.2333 DISPOSAL TREATMENT OF SPECIAL EXCAVATION | 50.000 T | _____ | _____ | _____ | _____ |
| 0080 | 203.25 GRANULAR BORROW | 2,300.000 CY | _____ | _____ | _____ | _____ |
| 0090 | 203.33 SPECIAL FILL | 300.000 CY | _____ | _____ | _____ | _____ |
| 0100 | 304.10 AGGREGATE SUBBASE COURSE - GRAVEL | 3,850.000 CY | _____ | _____ | _____ | _____ |
| 0110 | 304.16 AGGREGATE BASE COURSE - TYPE C | 40,000.000 CY | _____ | _____ | _____ | _____ |
| 0120 | 403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT | 4,450.000 T | _____ | _____ | _____ | _____ |

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 020421.00

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SECTION: 1 PROJECT ITEMS

Alt Set ID:

Alt Mbr ID:

Contractor: _____

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | | Bid Amount | |
|----------------------|---|--------------------------------|------------|-----------|------------|-----------|
| | | | Dollars | Cents | Dollars | Cents |
| 0130 | 403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS) | 465.000 T | _____ | _____ | _____ | _____ |
| 0140 | 403.2131 12.5 MM POLYMER MODIFIED HMA BASE | 7,400.000 T | _____ | _____ | _____ | _____ |
| 0150 | 409.15 BITUMINOUS TACK COAT - APPLIED | 1,650.000 G | _____ | _____ | _____ | _____ |
| 0160 | 411.10 UNTREATED AGGREGATE SURFACE COURSE (TRUCK MEASURE) | 285.000 CY | _____ | _____ | _____ | _____ |
| 0170 | 511.07 COFFERDAM: DOWNSTREAM @ 33+63 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0180 | 511.07 COFFERDAM: DOWNSTREAM @ 118+38 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0190 | 511.07 COFFERDAM: DOWNSTREAM @ 135+33 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0200 | 511.07 COFFERDAM: DOWNSTREAM @ 140+76 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0210 | 511.07 COFFERDAM: DOWNSTREAM @ 50+35 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0220 | 511.07 COFFERDAM: UPSTREAM -@ 33+63 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0230 | 511.07 COFFERDAM: UPSTREAM @ 118+38 | LUMP SUM | LUMP | SUM | _____ | _____ |

Maine Department of Transportation

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Alt Set ID:

Alt Mbr ID:

Contractor: _____

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | | Bid Amount | |
|----------------------|---|--------------------------------|------------|-------|------------|-------|
| | | | Dollars | Cents | Dollars | Cents |
| 0240 | 511.07 COFFERDAM: UPSTREAM @ 135+33 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0250 | 511.07 COFFERDAM: UPSTREAM @ 140+76 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0260 | 511.07 COFFERDAM: UPSTREAM @ 50+35 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0270 | 534.7101 PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 72"X72" @ 140+76 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0280 | 534.7101 PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 84"X72" @ 135+33 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0290 | 534.7101 PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 84"X72" @ 33+63 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0300 | 534.7101 PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 96"X72" @ 118+38 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0310 | 534.7101 PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 96"X96" @ 50+35 | LUMP SUM | LUMP | SUM | _____ | _____ |
| 0320 | 603.155 12 INCH REINFORCED CONCRETE PIPE CLASS III | 24.000 LF | _____ | _____ | _____ | _____ |
| 0330 | 603.16 15 INCH CULVERT PIPE OPTION I | 350.000 LF | _____ | _____ | _____ | _____ |
| 0340 | 603.169 15 INCH CULVERT PIPE OPTION III | 110.000 LF | _____ | _____ | _____ | _____ |
| 0350 | 603.17 18 INCH CULVERT PIPE OPTION I | 940.000 LF | _____ | _____ | _____ | _____ |

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| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | | Bid Amount | |
|----------------------|---|--------------------------------|------------|-----------|------------|-----------|
| | | | Dollars | Cents | Dollars | Cents |
| 0360 | 603.175 18 INCH REINFORCED CONCRETE PIPE CLASS III | 300.000 LF | _____ | _____ | _____ | _____ |
| 0370 | 603.179 18 INCH CULVERT PIPE OPTION III | 70.000 LF | _____ | _____ | _____ | _____ |
| 0380 | 603.19 24 INCH CULVERT PIPE OPTION I | 110.000 LF | _____ | _____ | _____ | _____ |
| 0390 | 603.195 24 INCH REINFORCED CONCRETE PIPE CLASS III | 400.000 LF | _____ | _____ | _____ | _____ |
| 0400 | 603.199 24 INCH CULVERT PIPE OPTION III | 160.000 LF | _____ | _____ | _____ | _____ |
| 0410 | 603.20 30 INCH CULVERT PIPE OPTION I | 70.000 LF | _____ | _____ | _____ | _____ |
| 0420 | 603.205 30 INCH REINFORCED CONCRETE PIPE CLASS III | 470.000 LF | _____ | _____ | _____ | _____ |
| 0430 | 603.209 30 INCH CULVERT PIPE OPTION III | 105.000 LF | _____ | _____ | _____ | _____ |
| 0440 | 603.225 42 INCH REINFORCED CONCRETE PIPE CLASS III | 230.000 LF | _____ | _____ | _____ | _____ |
| 0450 | 603.229 42 INCH CULVERT PIPE OPTION III | 60.000 LF | _____ | _____ | _____ | _____ |
| 0460 | 603.23 48 INCH CULVERT PIPE OPTION I | 60.000 LF | _____ | _____ | _____ | _____ |
| 0470 | 603.55 CONCRETE PIPE TIES | 55.000 GP | _____ | _____ | _____ | _____ |

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Contractor: _____

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|----------------------|--|--------------------------------|------------|-----------|------------|-----------|
| | | | Dollars | Cents | Dollars | Cents |
| 0480 | 603.733 REMOVE & RELAY 30 INCH METAL PIPE | 10.000 LF | _____ | _____ | _____ | _____ |
| 0490 | 604.09 CATCH BASIN TYPE B1 | 1.250 EA | _____ | _____ | _____ | _____ |
| 0500 | 604.092 CATCH BASIN TYPE B1-C | 9.125 EA | _____ | _____ | _____ | _____ |
| 0510 | 604.093 60 INCH CATCH BASIN TYPE B1 | 2.000 EA | _____ | _____ | _____ | _____ |
| 0520 | 604.094 72 INCH CATCH BASIN TYPE B1 | 4.000 EA | _____ | _____ | _____ | _____ |
| 0530 | 604.0957 96" CATCH BASIN TYPE B1-C | 1.875 EA | _____ | _____ | _____ | _____ |
| 0540 | 604.096 60 INCH CATCH BASIN TYPE B1-C | 12.750 EA | _____ | _____ | _____ | _____ |
| 0550 | 604.097 72 INCH CATCH BASIN TYPE B1-C | 10.625 EA | _____ | _____ | _____ | _____ |
| 0560 | 604.2403 SPECIAL BASIN | 1.000 EA | _____ | _____ | _____ | _____ |
| 0570 | 604.244 CATCH BASIN TYPE F4 | 3.000 EA | _____ | _____ | _____ | _____ |
| 0580 | 605.09 6 INCH UNDERDRAIN TYPE B | 5,300.000 LF | _____ | _____ | _____ | _____ |
| 0590 | 605.10 6 INCH UNDERDRAIN OUTLET | 200.000 LF | _____ | _____ | _____ | _____ |
| 0600 | 605.11 12 INCH UNDERDRAIN TYPE C | 180.000 LF | _____ | _____ | _____ | _____ |

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| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | | Bid Amount | |
|----------------------|--|--------------------------------|------------|-----------|------------|-----------|
| | | | Dollars | Cents | Dollars | Cents |
| 0610 | 605.12 15 INCH UNDERDRAIN TYPE C | 275.000 LF | _____ | _____ | _____ | _____ |
| 0620 | 605.13 18 INCH UNDERDRAIN TYPE C | 165.000 LF | _____ | _____ | _____ | _____ |
| 0630 | 605.15 24 INCH UNDERDRAIN TYPE C | 80.000 LF | _____ | _____ | _____ | _____ |
| 0640 | 605.17 30 INCH UNDERDRAIN TYPE C | 525.000 LF | _____ | _____ | _____ | _____ |
| 0650 | 606.356 UNDERDRAIN DELINEATOR POST | 25.000 EA | _____ | _____ | _____ | _____ |
| 0660 | 606.47 SINGLE WOOD POST | 26.000 EA | _____ | _____ | _____ | _____ |
| 0670 | 608.07 PLAIN CONCRETE SIDEWALK | 125.000 SY | _____ | _____ | _____ | _____ |
| 0680 | 608.26 CURB RAMP DETECTABLE WARNING FIELD | 230.000 SF | _____ | _____ | _____ | _____ |
| 0690 | 609.31 CURB TYPE 3 | 2,450.000 LF | _____ | _____ | _____ | _____ |
| 0700 | 610.08 PLAIN RIPRAP | 850.000 CY | _____ | _____ | _____ | _____ |
| 0710 | 610.210 STREAM CHANNEL ROCK | 25.000 CY | _____ | _____ | _____ | _____ |
| 0720 | 613.319 EROSION CONTROL BLANKET | 11,200.000 SY | _____ | _____ | _____ | _____ |
| 0730 | 615.07 LOAM | 2,400.000 CY | _____ | _____ | _____ | _____ |

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| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | | Bid Amount | |
|----------------------|---|--------------------------------|------------|-----------|------------|-----------|
| | | | Dollars | Cents | Dollars | Cents |
| 0740 | 615.10 DIRTY BORROW | 2,825.000 CY | _____ | _____ | _____ | _____ |
| 0750 | 618.13 SEEDING METHOD NUMBER 1 | 185.000 UN | _____ | _____ | _____ | _____ |
| 0760 | 618.14 SEEDING METHOD NUMBER 2 | 440.000 UN | _____ | _____ | _____ | _____ |
| 0770 | 619.12 MULCH | 625.000 UN | _____ | _____ | _____ | _____ |
| 0780 | 620.58 EROSION CONTROL GEOTEXTILE | 1,350.000 SY | _____ | _____ | _____ | _____ |
| 0790 | 627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE | 44,000.000 LF | _____ | _____ | _____ | _____ |
| 0800 | 627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING | 670.000 SF | _____ | _____ | _____ | _____ |
| 0810 | 627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW | 44,000.000 LF | _____ | _____ | _____ | _____ |
| 0820 | 629.05 HAND LABOR, STRAIGHT TIME | 110.000 HR | _____ | _____ | _____ | _____ |
| 0830 | 631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR) | 50.000 HR | _____ | _____ | _____ | _____ |
| 0840 | 631.121 HEAVY DUTY ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR) | 25.000 HR | _____ | _____ | _____ | _____ |
| 0850 | 631.13 BULLDOZER (INCLUDING OPERATOR) | 25.000 HR | _____ | _____ | _____ | _____ |

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Contractor: _____

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | | Bid Amount | |
|----------------------|---|--------------------------------|------------|--------------|------------|-----------|
| | | | Dollars | Cents | Dollars | Cents |
| 0860 | 631.172 TRUCK - LARGE (INCLUDING OPERATOR) | 150.000 HR | _____ | _____ | _____ | _____ |
| 0870 | 631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR) | 25.000 HR | _____ | _____ | _____ | _____ |
| 0880 | 631.20 STUMP CHIPPER (INCLUDING OPERATOR) | 25.000 HR | _____ | _____ | _____ | _____ |
| 0890 | 631.32 CULVERT CLEANER (INCLUDING OPERATOR) | 20.000 HR | _____ | _____ | _____ | _____ |
| 0900 | 639.18 FIELD OFFICE TYPE A | 1.000 EA | _____ | _____ | _____ | _____ |
| 0910 | 643.72 TEMPORARY TRAFFIC SIGNAL BOX CULVERT @ 140+76 | LUMP SUM | | LUMP SUM | _____ | _____ |
| 0920 | 643.72 TEMPORARY TRAFFIC SIGNAL BOX CULVERT @ 118+38 | LUMP SUM | | LUMP SUM | _____ | _____ |
| 0930 | 643.72 TEMPORARY TRAFFIC SIGNAL BOX CULVERT @ 135+33 | LUMP SUM | | LUMP SUM | _____ | _____ |
| 0940 | 643.72 TEMPORARY TRAFFIC SIGNAL BOX CULVERT @ 50+35 | LUMP SUM | | LUMP SUM | _____ | _____ |
| 0950 | 643.72 TEMPORARY TRAFFIC SIGNAL BOX CULVERT @ 33+63 | LUMP SUM | | LUMP SUM | _____ | _____ |
| 0960 | 645.1061 RELOCATE EXISTING SIGN ASSEMBLY AND POST | 2.000 EA | _____ | _____ | _____ | _____ |

Maine Department of Transportation

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SECTION: 1 PROJECT ITEMS

Alt Set ID:

Alt Mbr ID:

Contractor: _____

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | | Bid Amount | |
|----------------------|--|--------------------------------|------------|--------------|------------|-----------|
| | | | Dollars | Cents | Dollars | Cents |
| 0970 | 645.271 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS, TYPE I | 12.000 SF | _____ | _____ | _____ | _____ |
| 0980 | 652.312 TYPE III BARRICADE | 30.000 EA | _____ | _____ | _____ | _____ |
| 0990 | 652.33 DRUM | 70.000 EA | _____ | _____ | _____ | _____ |
| 1000 | 652.34 CONE | 400.000 EA | _____ | _____ | _____ | _____ |
| 1010 | 652.35 CONSTRUCTION SIGNS | 1,875.000 SF | _____ | _____ | _____ | _____ |
| 1020 | 652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES | 300.000 CD | _____ | _____ | _____ | _____ |
| 1030 | 652.38 FLAGGER | 3,500.000 HR | _____ | _____ | _____ | _____ |
| 1040 | 652.41 PORTABLE CHANGEABLE MESSAGE SIGN | 2.000 EA | _____ | _____ | _____ | _____ |
| 1050 | 652.61 STAGED CONSTRUCTION AND TRAFFIC CONTROL | LUMP SUM | | LUMP SUM | _____ | _____ |
| 1060 | 656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL | LUMP SUM | | LUMP SUM | _____ | _____ |
| 1070 | 659.10 MOBILIZATION | LUMP SUM | | LUMP SUM | _____ | _____ |
| 1080 | 660.21 ON-THE-JOB TRAINING (BID) | 1,000.000 HR | _____ | _____ | _____ | _____ |

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 020421.00

Project(s): 020421.00

Section: 1

Total:

_____|_____

SECTION: 2

UTILITIES

Alt Set ID:

Alt Mbr ID:

Contractor: _____

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | | Bid Amount | |
|----------------------|---|--------------------------------|------------|------------|------------|-----------|
| | | | Dollars | Cents | Dollars | Cents |
| 1090 | 812.162 ADJUSTING SEWER MANHOLE TO GRADE | 7.000 EA | _____ | _____ | _____ | _____ |
| | | Section: 2 | | Total: | _____ | _____ |
| | | | | Total Bid: | _____ | _____ |

| ESTIMATED QUANTITIES | | | |
|----------------------|--|----------|------|
| ITEM NO. | DESCRIPTION | QUANTITY | UNIT |
| 201.11 | CLEARING | 1.5 | AC |
| 201.23 | REMOVING SINGLE TREE TOP ONLY | 6 | EA |
| 201.24 | REMOVING STUMP | 19 | EA |
| 202.15 | REMOVING EXISTING MANHOLE OR CATCH BASIN | 13 | EA |
| 203.20 | COMMON EXCAVATION | 34000 | CY |
| 203.25 | GRANULAR BORROW | 2300 | CY |
| 203.2312 | HEALTH AND SAFETY PLAN | 1 | LS |
| 203.2333 | DISPOSAL OF SPECIAL EXCAVATION | 50 | T |
| 203.33 | SPECIAL FILL | 300 | CY |
| 304.1 | AGGREGATE SUBBASE COURSE - GRAVEL | 3850 | CY |
| 304.16 | AGGREGATE BASE COURSE - TYPE C | 40000 | CY |
| 403.2081 | 12.5 MM POLYMER MODIFIED HMA | 4450 | T |
| 403.209 | HOT MIX ASPHALT 9.5 MM (INCIDENTALS) | 465 | T |
| 403.2131 | 12.5 MM POLYMER MODIFIED HMA BASE | 7400 | T |
| 409.15 | BITUMINOUS TACK COAT - APPLIED | 1650 | G |
| 411.10 | UNTREATED AGGREGATE SURFACE COURSE, TRUCK MEASURE | 285 | CY |
| 511.07 | COFFERDAM @ 33+63 (UPSTREAM) | 1 | LS |
| 511.07 | COFFERDAM @ 33+63 (DOWNSTREAM) | 1 | LS |
| 511.07 | COFFERDAM @ 50+35 (UPSTREAM) | 1 | LS |
| 511.07 | COFFERDAM @ 50+35 (DOWNSTREAM) | 1 | LS |
| 511.07 | COFFERDAM @ 118+38 (UPSTREAM) | 1 | LS |
| 511.07 | COFFERDAM @ 118+38 (DOWNSTREAM) | 1 | LS |
| 511.07 | COFFERDAM @ 135+33 (UPSTREAM) | 1 | LS |
| 511.07 | COFFERDAM @ 135+33 (DOWNSTREAM) | 1 | LS |
| 511.07 | COFFERDAM @ 140+76 (UPSTREAM) | 1 | LS |
| 511.07 | COFFERDAM @ 140+76 (DOWNSTREAM) | 1 | LS |
| 534.7101 | PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 84"x72" @ 33+63 | 1 | LS |
| 534.7101 | PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 96"x96" @ 50+35 | 1 | LS |
| 534.7101 | PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 96"x72" @ 118+38 | 1 | LS |
| 534.7101 | PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 84"x72" @ 135+33 | 1 | LS |
| 534.7101 | PRECAST CONCRETE BOX CULVERT - STATE SUPPLIED 72"x72" @ 140+76 | 1 | LS |
| 603.155 | 12" RCP CLASS III | 24 | LF |
| 603.16 | 15" CULV PIPE OPTION I | 350 | LF |
| 603.169 | 15" CULV PIPE OPTION III | 110 | LF |
| 603.17 | 18" CULV PIPE OPTION I | 940 | LF |
| 603.175 | 18" RCP CLASS III | 300 | LF |
| 603.179 | 18" CULV PIPE OPTION III | 70 | LF |
| 603.19 | 24" CULV PIPE OPTION I | 110 | LF |
| 603.195 | 24" RCP CLASS III | 400 | LF |
| 603.199 | 24" CULV PIPE OPTION III | 160 | LF |
| 603.20 | 30" CULV PIPE OPTION I | 70 | LF |
| 603.205 | 30" RCP CLASS III | 470 | LF |
| 603.209 | 30" CULV PIPE OPTION III | 105 | LF |
| 603.225 | 42" RCP CLASS III | 230 | LF |
| 603.229 | 42" CULV OPTION III | 60 | LF |
| 603.23 | 42" CULV PIPE OPT I | 60 | LF |
| 603.55 | CONCRETE PIPE TIES | 55 | GP |
| 603.733 | REM. & RELAY 30" METAL PIPE | 10 | LF |
| 604.09 | CATCH BASIN TYPE B1 | 1.25 | EA |
| 604.092 | CATCH BASIN TYPE B1-C | 9.125 | EA |
| 604.093 | 60" CATCH BASIN TYPE B1 | 2 | EA |
| 604.094 | 72" CATCH BASIN TYPE B1 | 4 | EA |
| 604.0957 | 96" CATCH BASIN TYPE B1-C | 1.875 | EA |
| 604.096 | 60" CATCH BASIN TYPE B1-C | 12.75 | EA |
| 604.097 | 72" CATCH BASIN TYPE B1-C | 10.625 | EA |
| 604.2403 | SPECIAL BASIN | 1 | EA |
| 604.244 | CATCH BASIN TYPE F4 | 3 | EA |
| 605.09 | 6" UNDERDRAIN TYPE B | 5300 | LF |
| 605.10 | 6" UNDERDRAIN OUTLET | 200 | LF |
| 605.11 | 12" UNDERDRAIN TYPE C | 180 | LF |
| 605.12 | 15" UNDERDRAIN TYPE C | 275 | LF |
| 605.13 | 18" UNDERDRAIN TYPE C | 165 | LF |
| 605.15 | 24" UNDERDRAIN TYPE C | 80 | LF |
| 605.17 | 30" UNDERDRAIN TYPE C | 525 | LF |
| 606.356 | UNDERDRAIN DELINEATOR POST | 25 | EA |
| 606.47 | SINGLE WOOD POST | 26 | EA |
| 608.07 | PLAIN CONCRETE SIDEWALK | 125 | SY |
| 608.26 | CURB RAMP DETECTABLE WARNING FIELD | 230 | SF |
| 609.31 | CURB TYPE 3 | 2450 | LF |
| 610.08 | PLAIN RIPRAP | 850 | CY |
| 610.210 | STREAM CHANNEL ROCK | 25 | CY |
| 613.319 | EROSION CONTROL BLANKET | 11200 | SY |
| 615.07 | LOAM | 2400 | CY |
| 615.1 | DIRTY BORROW | 2825 | CY |
| 618.13 | SEEDING METHOD NUMBER 1 | 185 | UN |
| 618.14 | SEEDING METHOD NUMBER 2 | 440 | UN |
| 619.12 | MULCH | 625 | UN |
| 620.58 | EROSION CONTROL GEOTEXTILE | 1350 | SY |
| 627.733 | 4" WHITE OR YELLOW PAINTED PAVE MRK LINE | 44000 | LF |
| 627.75 | WHITE OR YELLOW PAVEMENT & CURB MARKING | 670 | SF |
| 627.78 | TEMP 4" PAINT PVMT MARK LINE W OR Y | 44000 | LF |

| ESTIMATED QUANTITIES | | | |
|----------------------|---|----------|------|
| ITEM NO. | DESCRIPTION | QUANTITY | UNIT |
| 629.05 | HAND LABOR, STRAIGHT TIME | 110 | HR |
| 631.12 | ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR) | 50 | HR |
| 631.121 | HVY DUTY ALL-PURP EXC (INCLUDING OPERATOR) | 25 | HR |
| 631.13 | BULLDOZER (INCLUDING OPERATOR) | 25 | HR |
| 631.172 | TRUCK - LARGE (INCLUDING OPERATOR) | 150 | HR |
| 631.18 | CHAIN SAW RENTAL (INCLUDING OPERATOR) | 25 | HR |
| 631.20 | STUMP CHIPPER (INCLUDING OPERATOR) | 25 | HR |
| 631.32 | CULVERT CLEANER (INCLUDING OPERATOR) | 20 | HR |
| 639.18 | FIELD OFFICE TYPE A | 1 | EA |
| 643.72 | TEMPORARY TRAFFIC SIGNAL: BOX CULVERT @ 33+63 | 1 | LS |
| 643.72 | TEMPORARY TRAFFIC SIGNAL: BOX CULVERT @ 50+35 | 1 | LS |
| 643.72 | TEMPORARY TRAFFIC SIGNAL: BOX CULVERT @ 118+38 | 1 | LS |
| 643.72 | TEMPORARY TRAFFIC SIGNAL: BOX CULVERT @ 135+33 | 1 | LS |
| 643.72 | TEMPORARY TRAFFIC SIGNAL: BOX CULVERT @ 140+76 | 1 | LS |
| 645.1061 | RELOCATE EXISTING SIGN ASSEMBLY AND POST | 2 | EA |
| 645.271 | REGULATORY, WARNING, CONFIRMATION AND ROUTE ASSEMBLY SIGN, TYPE I | 12 | SF |
| 652.312 | TYPE III BARRICADES | 30 | EA |
| 652.33 | DRUM | 70 | EA |
| 652.34 | CONE | 400 | EA |
| 652.35 | CONSTRUCTION SIGNS | 1,875 | SF |
| 652.36 | MAINTENANCE OF TRAFFIC CONTROL DEVICES | 300 | CD |
| 652.38 | FLAGGERS | 3,500 | HR |
| 652.41 | PORTABLE CHANGEABLE MESSAGE SIGN | 2 | EA |
| 652.61 | STAGED CONSTRUCTION AND TRAFFIC CONTROL | 1 | LS |
| 656.75 | TEMPORARY SOIL EROSION & WATER POLLUTION CONTROL | 1 | LS |
| 659.10 | MOBILIZATION | 1 | LS |
| 660.21 | ON-THE-JOB TRAINING | 1,000 | HR |
| 812.162 | ADJUSTING SEWER MANHOLE TO GRADE | 7 | EA |

EARTHWORK SUMMARY

| | | |
|---|----------------|----------------|
| COMMON EXCAVATION FOR ESTIMATE | | |
| COMMON EXCAVATION (FROM MODEL OR PLANS) | | 31825 |
| GRUBBING IN FILL | | 2175 |
| TOTAL COMMON EXCAVATION | | 34000 |
| FILL FOR BORROW CALCULATIONS | | |
| COMMON FILL (FROM MODEL OR PLANS) | | 17325 |
| GRUBBING IN FILL | | 2175 |
| TOTAL FILL | | 19500 |
| AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS | | |
| ALL DEDUCTIONS: | | |
| GRUBBING IN CUT | | 1900 |
| GRUBBING IN FILL | | 2175 |
| PAVEMENT SALVAGE (CUT & FILL) | | 9700 |
| TOTAL DEDUCTIONS | | 13775 |
| TOTAL AVAILABLE COMMON EXCAVATION (-) TOTAL DEDUCTIONS | | 20225 |
| TOTAL AVAILABLE STRUCTURAL EXCAVATION (UNDERDRAIN ONLY) | | 2150 |
| TOTAL AVAILABLE NON-ROCK EXCAVATION | | 22375 |
| COMPUTATION OF WASTE STORAGE & WASTE MATERIAL | | |
| GRUBBING IN CUT | | 1900 |
| GRUBBING IN FILL | | 2175 |
| TOTAL WASTE MATERIAL | | 4075 |
| TOTAL WASTE MATERIAL TO BE WASTED | | 4075 |
| COMPUTATION FOR GRANULAR BORROW FOR ESTIMATE | | |
| GRANULAR BORROW FOR CULVERT BEDDING | | 2300 |
| TOTAL GRANULAR BORROW | | 2300 |
| COMPUTATION FOR SURPLUS MATERIAL OR COMMON BORROW FOR ESTIMATE | | |
| TOTAL AVAILABLE NON-ROCK EXCAVATION | 22375 x 0.90 = | 20137.5 |
| TOTAL AVAILABLE EXCAVATION | | 20138 |
| IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION (-) TOTAL FILL, (+) | | 4713 |
| TOTAL WASTE MATERIAL TO BE WASTED | | 4713 |
| SURPLUS MATERIAL | | 4713 CY |

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NHP-2042(100)
WIN 020421.00
HIGHWAY PLANS

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGNS-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

DATE
04-2020
04-2020

BY
KJP
TMC

SIGNATURE
P.E. NUMBER
DATE

VAN BUREN
U.S. ROUTE 1
ESTIMATED QUANTITIES

SHEET NUMBER
5
OF 216