

# QUANTITY SHEET 1

| SUMMARY OF ESTIMATED QUANTITIES |  |  |  |  |  |  |         |          |        | TOTALS          |             | DESCRIPTIONS |      |   |             |       |
|---------------------------------|--|--|--|--|--|--|---------|----------|--------|-----------------|-------------|--------------|------|---|-------------|-------|
|                                 |  |  |  |  |  |  | ROADWAY | TRAINING | BRIDGE | FULL C.E. ITEMS | GRAND TOTAL | FINAL        | UNIT | ITEMS   | ITEM NUMBER | ROUND |
|                                 |  |  |  |  |  |  | 6       |          |        |                 | 6           |              | EACH | THINNING AND TRIMMING FOR SIGNS   | 201.31      | -     |
|                                 |  |  |  |  |  |  | 100     |          |        |                 | 100         |              | CY   | COMMON EXCAVATION   | 203.15      | 17.2  |
|                                 |  |  |  |  |  |  | 1550    |          |        |                 | 1550        |              | CY   | EARTH BORROW  | 203.30      | 0     |
|                                 |  |  |  |  |  |  | 35300   |          |        |                 | 35300       |              | LF   | SHOULDER BERM REMOVAL   | 203.40      | 119   |
|                                 |  |  |  |  |  |  | 1       |          |        |                 | 1           |              | CY   | TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)                                | 204.22      | -     |
|                                 |  |  |  |  |  |  | 367500  |          |        |                 | 367500      |              | SY   | COLD PLANING, BITUMINOUS PAVEMENT   | 210.10      | 179   |
|                                 |  |  |  |  |  |  | 148000  |          |        |                 | 148000      |              | LF   | MILLED RUMBLE STRIPS  | 213.10      | 846   |
|                                 |  |  |  |  |  |  | 1200    |          |        |                 | 1200        |              | TON  | AGGREGATE SHOULDERS, RAP  | 402.13      | 78    |
|                                 |  |  |  |  |  |  | 1       |          |        |                 | 1           |              | LU   | PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)                                       | 406.50      | -     |
|                                 |  |  |  |  |  |  | 2000    |          |        |                 | 2000        |              | LB   | BITUMINOUS CRACK SEALING, BLOW AND GO METHOD (AASHTO M 324 (ASTM D 6690) TYPE II) | 417.20      | EST.  |
|                                 |  |  |  |  |  |  | 57150   |          |        |                 | 57150       |              | TON  | SUPERPAVE BITUMINOUS CONCRETE PAVEMENT  | 490.30      | 7     |
|                                 |  |  |  |  |  |  | 1       |          |        |                 | 1           |              | LU   | AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)   | 490.31      | -     |
|                                 |  |  |  |  |  |  | 1       |          |        |                 | 1           |              | LU   | MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)   | 490.32      | -     |
|                                 |  |  |  |  |  |  | 1       |          |        |                 | 1           |              | LU   | SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)                                       | 490.33      | -     |
|                                 |  |  |  |  |  |  | 1       |          |        |                 | 1           |              | LU   | LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)                           | 490.34      | -     |
|                                 |  |  |  |  |  |  |         |          | 280    |                 | 280         |              | LF   | BRIDGE EXPANSION JOINT, ASPHALTIC PLUG  | 516.10      | 4     |
|                                 |  |  |  |  |  |  |         |          | 100    |                 | 100         |              | CF   | RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE                      | 580.20      | EST.  |
|                                 |  |  |  |  |  |  | 53      |          |        |                 | 53          |              | EACH | REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I                            | 604.412     | -     |
|                                 |  |  |  |  |  |  | 12      |          |        |                 | 12          |              | EACH | REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II                           | 604.415     | -     |
|                                 |  |  |  |  |  |  | 100     |          |        |                 | 100         |              | HR   | POWER GRADER RENTAL   | 608.15      | EST.  |
|                                 |  |  |  |  |  |  | 200     |          |        |                 | 200         |              | HR   | ALL PURPOSE EXCAVATOR RENTAL, TYPE I  | 608.25      | EST.  |
|                                 |  |  |  |  |  |  | 100     |          |        |                 | 100         |              | HR   | POWER BROOM RENTAL, TYPE I  | 608.30      | EST.  |
|                                 |  |  |  |  |  |  | 75      |          |        |                 | 75          |              | HR   | POWER BROOM RENTAL, TYPE II   | 608.31      | EST.  |
|                                 |  |  |  |  |  |  | 200     |          |        |                 | 200         |              | HR   | TRUCK RENTAL  | 608.37      | EST.  |
|                                 |  |  |  |  |  |  | 75      |          |        |                 | 75          |              | HR   | LOADER RENTAL, TYPE I   | 608.40      | EST.  |
|                                 |  |  |  |  |  |  | 145     |          |        |                 | 145         |              | CY   | STONE FILL, TYPE I  | 613.10      | 4.2   |
|                                 |  |  |  |  |  |  | 1250    |          |        |                 | 1250        |              | LF   | BITUMINOUS CONCRETE CURB, TYPE A  | 616.305     | EST.  |
|                                 |  |  |  |  |  |  | 1000    |          |        |                 | 1000        |              | LF   | REMOVAL OF EXISTING CURB  | 616.41      | EST.  |
|                                 |  |  |  |  |  |  | 550     |          |        |                 | 550         |              | EACH | YIELDING MARKER POSTS   | 619.17      | EST.  |
|                                 |  |  |  |  |  |  | 750     |          |        |                 | 750         |              | LF   | SNOW BARRIER  | 620.75      | 26    |
|                                 |  |  |  |  |  |  | 12400   |          |        |                 | 12400       |              | LF   | STEEL BEAM GUARDRAIL, GALVANIZED  | 621.20      | 36    |
|                                 |  |  |  |  |  |  | 100     |          |        |                 | 100         |              | LF   | STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS                                   | 621.205     | -     |
|                                 |  |  |  |  |  |  | 34      |          |        |                 | 34          |              | EACH | MANUFACTURED TERMINAL SECTION, FLARED   | 621.50      | -     |
|                                 |  |  |  |  |  |  | 2       |          |        |                 | 2           |              | EACH | MANUFACTURED TERMINAL SECTION, TANGENT  | 621.51      | -     |
|                                 |  |  |  |  |  |  | 28      |          |        |                 | 28          |              | EACH | ANCHOR FOR STEEL BEAM RAIL  | 621.60      | -     |
|                                 |  |  |  |  |  |  | 1       |          |        |                 | 1           |              | EACH | GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I                                     | 621.70      | -     |
|                                 |  |  |  |  |  |  | 2       |          |        |                 | 2           |              | EACH | GUARDRAIL APPROACH SECTION, GALVANIZED TYPE II                                    | 621.71      | -     |
|                                 |  |  |  |  |  |  | 110     |          |        |                 | 110         |              | LF   | ALUMINUM APPROACH RAILING   | 621.74      | 0.8   |
|                                 |  |  |  |  |  |  | 150     |          |        |                 | 150         |              | LF   | REMOVE AND RESET GUARDRAIL  | 621.75      | 12.5  |
|                                 |  |  |  |  |  |  | 250     |          |        |                 | 250         |              | EACH | REPLACE GUARDRAIL POST ASSEMBLY   | 621.76      | EST.  |

| DETAILED SUMMARY OF QUANTITIES   |                              |   |
|--|------------------------------|---|
| QUANTITY   | UNIT                         | ITEMS   |
|  |                              | COLD PLANING, BITUMINOUS PAVEMENT                       |
| <del>156889</del>  | SY                           | I-91NB 165.074 SY                                       |
| <del>143889</del>  | SY                           | I-91SB 220.209 SY                                       |
| <del>66543</del>   | SY                           | RAMPS 57.4555 SY  |
| 2693   | SY                           | U TURNS (SB REST AREA DEDUCT) 2115 SY                   |
| <del>367321</del>  | SY                           | SUBTOTAL 444.116 SY                                     |
| 179  | SY                           | ROUNDING 0 SY   |
| 367500   | SY                           | TOTAL 444.116 SY  |
| *REFERENCE COMP. BINDER SECTION 210.XX FOR CALCULATIONS AND LOCATIONS                    |                              |   |
|  |                              | SUPERPAVE BITUMINOUS CONCRETE PAVEMENT                  |
| 15898  | TON                          | I-91NB, TYPE IV S, WEARING COURSE                       |
| 5204   | TON                          | I-91NB, TYPE IV S, LEVELING COURSE                      |
| 18411  | TON                          | I-91SB, TYPE IV S, WEARING COURSE                       |
| 6085   | TON                          | I-91SB, TYPE IV S, LEVELING COURSE                      |
| 2309   | TON                          | INTERCHANGE 10, TYPE IV S, WEARING COURSE               |
| 770  | TON                          | INTERCHANGE 10, TYPE IV S, LEVELING COURSE              |
| 1268   | TON                          | INTERCHANGE 11, TYPE IV S, WEARING COURSE               |
| 423  | TON                          | INTERCHANGE 11, TYPE IV S, LEVELING COURSE              |
| 1087   | TON                          | INTERCHANGE 12, TYPE IV S, WEARING COURSE               |
| 362  | TON                          | INTERCHANGE 12, TYPE IV S, LEVELING COURSE              |
| 616  | TON                          | INTERCHANGE 13, TYPE IV S, WEARING COURSE               |
| 205  | TON                          | INTERCHANGE 13, TYPE IV S, LEVELING COURSE              |
| 3976   | TON                          | 10 FT SHOULDER RECONSTRUCTION, TYPE III S, BASE COURSE  |
| 16   | TON                          | I-91NB & SB, TYPE IVS BENEATH BITUMINOUS CURB           |
| 20   | TON                          | EXIT 12 NB ON RAMP WIDENING, TYPE IVS, WEARING COURSE   |
| 7  | TON                          | EXIT 12 NB ON RAMP WIDENING, TYPE IVS, LEVELING COURSE  |
| 79   | TON                          | EXIT 12 NB ON RAMP WIDENING, TYPE IS, BASE COURSE       |
| 24   | TON                          | EXIT 13 SB OFF RAMP WIDENING, TYPE IVS, WEARING COURSE  |
| 8  | TON                          | EXIT 13 SB OFF RAMP WIDENING, TYPE IVS, LEVELING COURSE |
| 95   | TON                          | EXIT 13 SB OFF RAMP WIDENING, TYPE IS, BASE COURSE      |
| 256  | TON                          | U-TURNS, TYPE IV S, WEARING COURSE                      |
| 24   | TON                          | U-TURNS, TYPE IV S, LEVELING COURSE                     |
| 57143  | TON                          | SUBTOTAL  |
| 7  | TON                          | ROUNDING  |
| 57150  | TON                          | TOTAL   |
| *REFERENCE COMP. BINDER SECTION 490.X FOR SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SUMMARY |                              |   |
| PROJECT NAME: HARTLAND-NORWICH   |                              |   |
| PROJECT NUMBER: IM 091-1(59)   |                              |   |
| FILE NAME: /pave/06a202/p06a202.dgn  | PLOT DATE: 19-JUN-2013 09:24 |   |
| PROJECT LEADER: PTS  | DRAWN BY: WWG                |   |
| DESIGNED BY: NULL  | CHECKED BY: PTS              |   |
| IPARM FILE NAME: 06A202_17   | SHEET 17 OF 60               |   |