

QUANTITY SHEET 1

| SUMMARY OF ESTIMATED QUANTITIES |  |  |  |         |                   |               |                   |                    |                   |                   | TOTALS            |       | DESCRIPTIONS |                                                                                                                      |             |       | DETAILED SUMMARY OF QUANTITIES |      |                        |
|---------------------------------|--|--|--|---------|-------------------|---------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------|--------------|----------------------------------------------------------------------------------------------------------------------|-------------|-------|--------------------------------|------|------------------------|
|                                 |  |  |  | ROADWAY | BRIDGE NO.<br>18N | BRIDGE NO. 31 | BRIDGE NO.<br>48N | FULL C.E.<br>ITEMS | BRIDGE NO.<br>18S | BRIDGE NO.<br>48S | GRAND TOTAL       | FINAL | UNIT         | ITEMS                                                                                                                | ITEM NUMBER | ROUND | QUANTITIES                     | UNIT | ITEMS                  |
|                                 |  |  |  | 1       |                   |               |                   |                    |                   |                   | 1                 |       | CY           | TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)                                                                   | 204.22      |       |                                |      |                        |
|                                 |  |  |  |         | 934               | 534           | 828               |                    | 934               | 934               | 4164              |       | SY           | COLD PLANING, BITUMINOUS PAVEMENT                                                                                    | 210.10      |       |                                |      |                        |
|                                 |  |  |  |         | 3.3               | 2.5           | 3.7               |                    | 3.3               | 4.2               | 17                |       | CWT          | EMULSIFIED ASPHALT                                                                                                   | 404.65      |       |                                |      |                        |
|                                 |  |  |  |         | 289               | 187           | 305               |                    | 290               | 310               | 1381              |       | TON          | MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT                                                                             | 406.27      |       |                                |      |                        |
|                                 |  |  |  |         | 1                 | 1             | 1                 |                    | 1                 | 1                 | 5                 |       | LU           | MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)                                                                                | 406.29      |       |                                |      |                        |
|                                 |  |  |  | 1       |                   |               |                   |                    |                   |                   | 1                 |       | LU           | PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)                                                                          | 406.50      |       |                                |      |                        |
|                                 |  |  |  |         | 12                | 22            | 20                |                    | 14                | 22                | 90                |       | GAL          | WATER REPELLENT, SILANE                                                                                              | 514.10      |       |                                |      |                        |
|                                 |  |  |  |         | 184               | 135           | 41                |                    | 204               | 49                | 613               |       | LF           | BRIDGE EXPANSION JOINT, ASPHALTIC PLUG                                                                               | 516.10      |       |                                |      |                        |
|                                 |  |  |  |         | 620               | 670           | 932               |                    | 632               | <del>1052</del> 0 | 3906              |       | SY           | SHEET MEMBRANE WATERPROOFING, TORCH APPLIED                                                                          | 519.20      |       |                                |      | NO MEMBRANE ON BR. 48S |
|                                 |  |  |  |         | 84                |               | 75                |                    | 84                | 84                | 327               |       | LF           | JOINT SEALER, HOT POURED                                                                                             | 524.11      |       |                                |      |                        |
|                                 |  |  |  |         | 900               | 670           | 1181              |                    | 912               | 1332              | 4995              |       | SY           | REMOVAL OF BRIDGE PAVEMENT                                                                                           | 529.10      |       |                                |      |                        |
|                                 |  |  |  |         | 31                | 34            | 47                |                    | 32                | 53                | 197               |       | SY           | REPAIR OF CONCRETE SUPERSTRUCTURE SURFACE, CLASS I                                                                   | 580.10      |       |                                |      |                        |
|                                 |  |  |  |         | 93                | 101           | 140               |                    | 95                | 158               | 587               |       | SY           | REPAIR OF CONCRETE SUPERSTRUCTURE SURFACE, CLASS II                                                                  | 580.11      |       |                                |      |                        |
|                                 |  |  |  |         | 9                 | 12            | 17                |                    | 9                 | 27                | 74                |       | CY           | REPAIR OF CONCRETE SUPERSTRUCTURE SURFACE, CLASS III                                                                 | 580.12      |       |                                |      |                        |
|                                 |  |  |  |         | 5575              | 6024          | 8387              |                    | 5681              | 9465              | 35132             |       | SF           | SURFACE PREPARATION FOR MEMBRANE  | 580.16      |       |                                |      |                        |
|                                 |  |  |  |         | 10                | 10            | 10                |                    | 10                | 10                | 50                |       | CF           | RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE                                                         | 580.20      |       |                                |      |                        |
|                                 |  |  |  |         | 5                 |               | 5                 |                    | 5                 |                   | 15                |       | HR           | ALL PURPOSE EXCAVATOR RENTAL, TYPE I                                                                                 | 608.25      |       |                                |      |                        |
|                                 |  |  |  |         | 5                 |               | 5                 |                    | 5                 |                   | 15                |       | HR           | TRUCK RENTAL                                                                                                         | 608.37      |       |                                |      |                        |
|                                 |  |  |  |         | 285               | 309           | 430               |                    | 291               | 485               | 1800              |       | HR           | TRUCK-MOUNTED ATTENUATOR                                                                                             | 608.45      |       |                                |      |                        |
|                                 |  |  |  |         | 2                 | 2             | 1                 |                    | 1                 | 1                 | 7                 |       | EACH         | ENERGY ABSORPTION ATTENUATOR                                                                                         | 621.56      |       |                                |      |                        |
|                                 |  |  |  |         | 703               | 210           | 765               |                    | 705               | 812               | 3195              |       | LF           | TEMPORARY TRAFFIC BARRIER                                                                                            | 621.90      |       |                                |      |                        |
|                                 |  |  |  |         | 637               | 210           | 707               |                    | 639               | 702               | 2895              |       | LF           | REMOVE AND RESET TEMPORARY TRAFFIC BARRIER                                                                           | 621.95      |       |                                |      |                        |
|                                 |  |  |  |         | 571               | 154           | 860               |                    | 582               | 970               | 3137              |       | HR           | UNIFORMED TRAFFIC OFFICERS                                                                                           | 630.10      |       |                                |      |                        |
|                                 |  |  |  |         | 150               | 300           | 150               |                    | 150               | 150               | 900               |       | HR           | FLAGGERS                                                                                                             | 630.15      |       |                                |      |                        |
|                                 |  |  |  |         |                   |               |                   | 1                  |                   |                   | <del>1</del> 0    |       | LS           | FIELD OFFICE, ENGINEERS                                                                                              | 631.10      |       |                                |      | NO FIELD OFFICE        |
|                                 |  |  |  |         |                   |               |                   | 1                  |                   |                   | 1                 |       | LS           | TESTING EQUIPMENT, CONCRETE                                                                                          | 631.16      |       |                                |      |                        |
|                                 |  |  |  |         |                   |               |                   | 1                  |                   |                   | 1                 |       | LS           | TESTING EQUIPMENT, BITUMINOUS                                                                                        | 631.17      |       |                                |      |                        |
|                                 |  |  |  |         |                   |               |                   | 3000               |                   |                   | <del>3000</del> 0 |       | DL           | FIELD OFFICE TELEPHONE (N.A.B.I.)                                                                                    | 631.26      |       |                                |      | NO TELEPHONE           |
|                                 |  |  |  | 1       |                   |               |                   |                    |                   |                   | 1                 |       | LS           | MOBILIZATION/DEMOBILIZATION                                                                                          | 635.11      |       |                                |      |                        |
|                                 |  |  |  |         | 1                 |               |                   |                    |                   |                   | 1                 |       | LS           | TRAFFIC CONTROL (I-91 - BRIDGE NO. 18N)                                                                              | 641.10      |       |                                |      |                        |
|                                 |  |  |  |         |                   |               |                   |                    | 1                 |                   | 1                 |       | LS           | TRAFFIC CONTROL (I-91 - BRIDGE NO. 18S)                                                                              | 641.10      |       |                                |      |                        |
|                                 |  |  |  |         |                   |               | 1                 |                    |                   |                   | 1                 |       | LS           | TRAFFIC CONTROL (I-91 - BRIDGE NO. 48N)                                                                              | 641.10      |       |                                |      |                        |
|                                 |  |  |  |         |                   |               |                   |                    |                   | 1                 | 1                 |       | LS           | TRAFFIC CONTROL (I-91 - BRIDGE NO. 48S)                                                                              | 641.10      |       |                                |      |                        |
|                                 |  |  |  |         |                   | 1             |                   |                    |                   |                   | 1                 |       | LS           | TRAFFIC CONTROL (T.H. 37 OVER I-91 - BRIDGE NO. 31)                                                                  | 641.10      |       |                                |      |                        |
|                                 |  |  |  |         | 1                 | 2             | 1                 |                    | 1                 | 1                 | 6                 |       | EACH         | PORTABLE CHANGEABLE MESSAGE SIGN                                                                                     | 641.15      |       |                                |      |                        |
|                                 |  |  |  |         | 1                 |               | 1                 |                    | 1                 | 1                 | 4                 |       | EACH         | PORTABLE ARROW BOARD                                                                                                 | 641.16      |       |                                |      |                        |
|                                 |  |  |  |         | 416               |               | 532               |                    | 420               | 639               | 2007              |       | LF           | 6 INCH WHITE LINE                                                                                                    | 646.214     |       |                                |      |                        |
|                                 |  |  |  |         | 333               | 451           | 426               |                    | 336               | 426               | 1972              |       | LF           | 6 INCH YELLOW LINE                                                                                                   | 646.215     |       |                                |      |                        |
|                                 |  |  |  |         | 3241              |               | 3426              |                    | 3246              | 3281              | 13194             |       | LF           | TEMPORARY 6 INCH WHITE LINE, TYPE II TAPE                                                                            | 646.621     |       |                                |      |                        |
|                                 |  |  |  |         | 3241              |               | 3426              |                    | 3246              | 4413              | 14326             |       | LF           | TEMPORARY 6 INCH YELLOW LINE, TYPE II TAPE                                                                           | 646.631     |       |                                |      |                        |

| REVISION                                                                              | BY  | DATE     |
|---------------------------------------------------------------------------------------|-----|----------|
|  | SRB | 10/17/11 |

REVISION NO. 1 REVISED THE FOLLOWING ITEM:  
ITEM 580.16 SURFACE PREPARATION FOR MEMBRANE

|                                     |                       |
|-------------------------------------|-----------------------|
| PROJECT NAME:                       | Westminster - Norwich |
| PROJECT NUMBER:                     | IM MEMB(30)           |
| FILE NAME: s11A012qss.dgn           | PLOT DATE: 10/17/2011 |
| PROJECT LEADER: SHERWARD FARNSWORTH | DRAWN BY: SRB         |
| DESIGNED BY: SRB                    | CHECKED BY: JPB       |
| QUANTITY SHEET #1                   | SHEET 3 OF 38         |