# EARTHWORKS

NOTE: EXCAVATION AND EMBANKMENT QUANTITIES DO NOT INCLUDE GABION WALL.

**STATE OF VERMONT**
**AGENCY OF TRANSPORTATION**

| GRADES | | | | | | | TOTAL EXCAVATION EARTH AND ROCK | | ROCK EXCAVATION | | EMBANKMENT | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V. C. | % GRADE | STATION | ELEVATION ON TANGENT | ELEVATION ON CURVES | CORR V. C. | DIST | AREA | CU. YDS. | AREA | CU. YDS. | AREA | CU. YDS. | AREA | CU. YDS. |
| | | | | ROUTE 9 WEST CONNECTOR LT. OF CL STA. 145+50 | | | | | | | | | | |
| | -3.0495 % | 20+12 | 1609.72 | | | | BUTT | | | | 0 | | | |
| | | | | | | 38 | | | | | | 206 | | |
| | | +50 | 1608.56 | | | | 0 | | | | 293 | | | |
| | | | | | | 50 | | 53 | | | | 415 | | |
| | | 21+00 | 1607.04 | | | | 57 | | | | 155 | | | |
| | | | | | | 50 | | 54 | | | | 286 | | |
| | | +50 | 1605.51 | | | | 1 | | | | 154 | | | |
| | | | | | | 50 | | 1 | | | | 261 | | |
| | | 22+00 | 1603.99 | | | | 0 | | | | 128 | | | |
| | | | | | | 50 | | 13 | | | | 178 | | |
| | | +50 | 1602.46 | | | | 14 | | | | 64 | | | |
| | | | | | | | | | | | | | | |
| X | | +60 | 1602.16 | 1602.16 | 0.00 | 50 | | 76 | | | | 73 | | |
| | | | | | | | | | | | | | | |
| 150' VC | | 23+00 | 1600.94 | 1601.20 | +0.26 | | 68 | | | | 15 | | T CUT | 486 |
| | | | | | | | | | | | | | R CUT | 0 |
| | +1.8400 % | +35 | 1599.87 | 1600.79 | +0.92 | 50 | | 122 | | | | 61 | FILL | 1527 |
| | | | | | | | | | | | | | F.FAC | 1.15 |
| | | +50 | 1600.15 | 1600.74 | +0.59 | | 64 | | | | 51 | | R.FAC | 0.495 |
| | | | | | | 50 | | 95 | | | | 47 | | |
| | | 24+00 | 1601.07 | 1601.09 | +0.02 | | 39 | | | | 0 | | EXF | 1270 |
| | | | | | | 10 | | 72 | | | | 0 | | |
| X | | +10 | 1601.25 | 1601.25 | 0.00 | | 39 | | | | 0 | | | |
| | | | | | | | | | | | | | | |
| | | | | CUL DE SAC (TURN AROUND) | | | | | | | | | | |
| | | 70+00 | | | | | 22 | | | | 139 | | | |
| | | | | | | 25 | | 27 | | | | 139 | | |
| | | 70+25 | | | | | 37 | | | | 162 | | T CUT | 152 |
| | | | | | | 25 | | 36 | | | | 143 | FILL | 404 |
| | | 70+50 | | | | | 40 | | | | 146 | | F.FAC | 1.15 |
| | | | | | | 25 | | 34 | | | | 94 | EXF | 313 |
| | | 70+75 | | | | | 34 | | | | 57 | | | |
| | | | | | | 25 | | 29 | | | | 27 | | |
| | | 71+00 | | | | | 28 | | | | 1 | | | |
| | | | | | | 26 | | 26 | | | | 1 | | |
| | | 71+26 | | | | | 27 | | | | 0 | | | |
| | | CARRIED FORWARD | | | | | | 0 | | 0 | | 0 | | |
| | | COLUMN FOOTINGS | | | | | | 638 | | 0 | | 1931 | | |

| GRADES | | | | | | | TOTAL EXCAVATION EARTH AND ROCK | | ROCK EXCAVATION | | EMBANKMENT | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V. C. | % GRADE | STATION | ELEVATION ON TANGENT | ELEVATION ON CURVES | CORR V. C. | DIST | AREA | CU. YDS. | AREA | CU. YDS. | AREA | CU. YDS. | AREA | CU. YDS. |
| | | | | EAST CONNECTOR RT. OF CL STA. 254+50 | | | | | | | | | | |
| | -2.9999 % | 10+30 | 1521.28 | 1521.28 | 0.00 | | | | | | | | | |
| 40' VC | | +40 | 1520.98 | 1520.93 | -0.05 | | 0 | | 0 | | 0 | | | |
| | | | | | | 10 | | 186 | | 154 | | 0 | | |
| X | | +50 | 1520.68 | 1520.47 | -0.21 | | 1003 | | 829 | | 0 | | | |
| X | | +70 | 1519.24 | 1519.24 | 0.00 | 50 | | 2655 | | 975 | | 0 | | |
| | -7.1934 % | 11+00 | 1517.08 | | | | 1864 | | 224 | | 0 | | | |
| X | | +25 | 1515.29 | 1515.29 | 0.00 | 50 | | 2894 | | 223 | | 0 | | |
| | | +50 | 1513.49 | 1513.69 | +0.20 | | 1261 | | 22 | | 0 | | T CUT | 8347 |
| 150' VC | | | | | | 50 | | 1644 | | 20 | | 0 | R CUT | 1377 |
| X | | 12+00 | 1509.89 | 1511.65 | +1.76 | | 515 | | 0 | | 0 | | FILL | 0 |
| | | | | | | 50 | | 702 | | 0 | | 0 | F.FAC | 1.15 |
| | | +50 | 1511.00 | 1511.20 | +0.20 | | 243 | | 0 | | 0 | | R.FAC | 0.495 |
| X | | +75 | 1511.55 | 1511.55 | 0.00 | 50 | | 266 | | 0 | | 0 | EXC | 9029 |
| | | 13+00 | 1512.10 | | | | 44 | | 0 | | 0 | | | |
| | | | | | | | | | | | | | | |
| | | | | EAST DR. CONNECTOR RT. OF CL STA. 261+50 | | | | | | | | | | |
| X | -2.9999 % | 20+20 | 1509.40 | 1509.40 | 0.00 | | 0 | | | | 0 | | | |
| | | | | | | 20 | | | | | | 76 | | |
| X | | +40 | 1508.80 | 1508.51 | -0.29 | | | 0 | | | 206 | | | |
| 150' VC | | | | | | 10 | | | | | | 76 | | |
| | | +50 | 1507.91 | 1507.84 | -0.07 | | 0 | | | | 206 | | | |
| X | -8.8751% | +60 | 1507.03 | 1507.03 | 0.00 | | | | | | | | | |
| X | | +70 | 1506.14 | 1506.14 | 0.00 | 50 | | 13 | | | | 215 | T CUT | 108 |
| | | | | | | | | | | | | | R CUT | 0 |
| | | 21+00 | 1503.48 | 1503.99 | +0.51 | | 14 | | | | 26 | | FILL | 393 |
| 100' VC | | | | | | | | | | | | | F.FAC | 1.15 |
| X | | +20 | 1501.70 | 1503.13 | +1.43 | 50 | | 60 | | | | 25 | | |
| | | +50 | 1502.47 | 1502.70 | +0.23 | | 51 | | | | 1 | | EXF | 344 |
| | | | | | | 20 | | 35 | | | | 1 | | |
| X | +2.5601% | +70 | 1502.98 | 1502.98 | 0.00 | | 44 | | | | 0 | | | |
| | | CARRIED FORWARD | | | | | | 0 | | 0 | | 0 | | |
| | | COLUMN FOOTINGS | | | | | | 8455 | | 1377 | | 393 | | |

| GRADES | | | | | | | TOTAL EXCAVATION EARTH AND ROCK | | ROCK EXCAVATION | | EMBANKMENT | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V. C. | % GRADE | STATION | ELEVATION ON TANGENT | ELEVATION ON CURVES | CORR V. C. | DIST | AREA | CU. YDS. | AREA | CU. YDS. | AREA | CU. YDS. | AREA | CU. YDS. |
| | | CARRIED FORWARD | | | | | | | | | | | | |
| | | COLUMN FOOTINGS | | | | | | | | | | | | |

/DESIGN/78D096/DD096.DGN

PROJECT NAME SEARSBURG-WILMINGTON
PROJECT NUMBER NHF 010-1(18)

11-OCT-2001 DD096E5
SHEET 22 OF 435 SHEETS