

EARTHWORK SCHEDULE

| (1) STAGE & LOCATION | (2) EARTH EXCAVATION (CU. YD.) | (3) UNSTABLE* MATERIAL (CU. YD.) | (4) EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (25% FACTOR) (CU. YD.) | (5) EMBANKMENT (CU. YD.) | (6) EARTHWORK BALANCE WASTE (+) OR BORROW (-) (CU. YD.) | (7) TOPSOIL EXCAVATION (CU. YD.) | (8) TOPSOIL PLACEMENT (CU. YD.) |
|---|---|---|--|--------------------------------|--|---|--|
| STAGE 9 | | | | | | | |
| I-74 | | | | | | | |
| STA. 517+80.78 TO STA. 552+01.28 | 68,876 | 278 | 51,716 | 9,353 | 42,363 | 6,052 | 1,545 |
| RAMP G INFIELD | 72,823 | 0 | 54,617 | 12,918 | 41,899 | 23,586 | 6,400 |
| RAMP H INFIELD | 5,536 | 0 | 4,152 | 14,277 | -10,125 | 14,112 | 4,300 |
| STAGE SUB-TOTAL | 147,035 | 278 | 110,485 | 36,548 | 73,937 | 43,760 | 12,245 |
| STAGE 10 | | | | | | | |
| I-74 | | | | | | | |
| STA. 517+80.78 TO STA. 552+00 | 43,812 | 0 | 32,859 | 3,014 | 29,845 | 488 | 0 |
| STAGE SUB-TOTAL | 43,812 | 0 | 32,859 | 3,014 | 29,845 | 488 | 0 |
| STAGE 11 | | | | | | | |
| I-74 | | | | | | | |
| STA. 518+00.00 TO STA. 526+76 | 2,949 | 0 | 2,212 | 631 | 1,581 | 13 | 223 |
| I-166 | | | | | | | |
| 13+14.02 TO STA. 35+65.74 | 2,303 | 1,634 | 2,953 | 8,639 | -5,686 | 3,156 | 1,081 |
| RAMP F | | | | | | | |
| STA. 314+00 TO STA. 334+00 | 5,037 | 0 | 3,777 | 64,281 | -60,504 | 3,107 | 3,481 |
| MATERIAL AVAILABLE FROM STAGES 9 & 10 | | | 103,782 | | 103,782 | | |
| STAGE SUB-TOTAL | 10,289 | 1,634 | 112,724 | 73,661 | 39,173 | 6,276 | 4,785 |
| STAGE 12 | | | | | | | |
| I-74 | | | | | | | |
| STA. 517+00.00 TO STA. 552+00.00 | 34,443 | 0 | 25,632 | 1,939 | 23,893 | 397 | 2,183 |
| I-166 | | | | | | | |
| 5+00.00 TO STA. 13+00.00 | 113 | 0 | 85 | 53,847 | -53,762 | 2,929 | 266 |
| 16+00.00 TO STA. 35+90.00 | 1,897 | 487 | 1,795 | 4,806 | -3,011 | 2,346 | 811 |
| RAMP G | | | | | | | |
| STA. 19+00.00 TO STA. 38+00.00 | 565 | 0 | 424 | 27,211 | -26,787 | 3,836 | 634 |
| RAMP H | | | | | | | |
| STA. 102+00.00 TO STA. 128+00.00 | 2,389 | 0 | 1,792 | 43,136 | -41,344 | 10,035 | 2,547 |
| RAMP F INFIELD | 21,942 | 0 | 16,457 | 33,943 | -17,486 | 16,116 | 3,800 |
| MATERIAL AVAILABLE FROM STAGE 11 | | | 39,173 | | 39,173 | | |
| STAGE SUB-TOTAL | 61,360 | 487 | 85,558 | 164,883 | -79,325 | 35,660 | 10,240 |
| STAGE 13 | | | | | | | |
| I-74 | | | | | | | |
| STA. 577+75.00 TO STA. 612+32.38 | 6,816 | 195 | 5,258 | 19,635 | -14,377 | 3,024 | 1,124 |
| MORTON AVE | | | | | | | |
| 32+00.00 TO STA. 35+00.00 | 170 | 0 | 128 | 745 | -617 | 206 | 19 |
| MORTON RAMP D | | | | | | | |
| STA. 1101+00.00 TO STA. 1110+00.00 | 32 | 5,833 | 4,399 | 15,477 | -11,078 | 1,492 | 0 |
| MORTON RAMP D INFIELD | 33,509 | 0 | 25,132 | 8,886 | 16,246 | 13,076 | 1,100 |
| STAGE SUB-TOTAL | 40,627 | 6,028 | 34,917 | 44,743 | -9,826 | 17,799 | 2,243 |
| STAGE 13B | | | | | | | |
| I-74 | | | | | | | |
| STA. 606+51.77 TO STA. 619+067.41 | 693 | 0 | 520 | 457 | 63 | 430 | 106 |
| MORTON AVE | | | | | | | |
| STA. 26+94 TO STA. 31+63.98 | 1,138 | 0 | 853 | 320 | 533 | 426 | 114 |
| STA. 38+57.72 TO STA. 42+17.80 | 416 | 0 | 312 | 2 | 310 | 0 | 0 |
| STAGE SUB-TOTAL | 2,247 | 0 | 1,685 | 779 | 906 | 856 | 220 |
| STAGE 14 | | | | | | | |
| I-74 | | | | | | | |
| STA. 577+78.93 TO STA. 609.62.83 | 3,619 | 72 | 2,768 | 1,333 | 1,435 | 658 | 169 |
| MORTON AVE | | | | | | | |
| 37+99.10 TO STA. 42+48.30 | 242 | 0 | 182 | 286 | -104 | 0 | 0 |
| STAGE SUB-TOTAL | 3,861 | 72 | 2,950 | 1,620 | 1,330 | 658 | 169 |
| STAGE 14B | | | | | | | |
| MORTON AVE | | | | | | | |
| STA. 27+00 TO STA. 34+50 | 266 | 0 | 200 | 652 | -452 | 0 | 0 |
| STA. 42+50 TO STA. 49+30.67 | 208 | 0 | 155 | 421 | -286 | 0 | 0 |
| MATERIAL AVAILABLE FROM STAGES 13B & 14 | | | 2,236 | | 2,236 | | |
| STAGE SUB-TOTAL | 472 | 0 | 2,691 | 1,073 | 1,518 | 0 | 0 |
| TOTAL | 447,448 | 20,923 | -302,142 | 196,909 | 49,500 | | |

*SEE NOTE 1 FOR TOTAL EARTH EXCAVATION

SEE NOTE 2

NOTES:

1. EXCAVATION FOR UNSTABLE MATERIAL WILL BE PAID FOR AS EARTH EXCAVATION.

TOTAL QUANTITY FOR EARTH EXCAVATION = 468,371 CU YD

2. TOPSOIL EXCAVATION AND PLACEMENT:

TOPSOIL EXCAVATION YIELDED 196,909 CU YD OF TOPSOIL THAT IS TO BE EXCAVATED BASED ON THE RECOMMENDED THICKNESS IN THE ROADWAY GEOTECHNICAL REPORT.

THE REQUIRED VOLUME OF TOPSOIL PLACEMENT IS 49,500 CU YD AS SHOWN ON THE CROSS SECTIONS AND FOR THE INFIELDS. THE EXCESS TOPSOIL IN THE AMOUNT OF 147,409 CU YD SHALL BE PLACED AT THE BORROW SITE.

| | | | |
|--------------------------------|------------|-----------|---------------|
| FILE NAME * | DESIGNED - | REVISED - | 10/23/12 JNR |
| ...1446628-sht-schedule_05.dgn | DRAWN - | REVISED - | |
| USER NAME * jreanillo | CHECKED - | REVISED - | |
| PLDT DATE * 10/21/2012 | DATE - | REVISED - | JULY 20, 2012 |



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 5 OF 6 SHEETS STA. TO STA.

| | | | | |
|---------------------------|-----------------------------|----------|--------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 90-114R(14)B-4,14,14HVB(BR) | TAZEWELL | 2433 | 75 |
| | | | CONTRACT NO. 68620 | |
| ILLINOIS FED. AID PROJECT | | | | |