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|-----------------------|--------------|----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 353 | (12&13)WRS-4 | WILL | 608 | 38 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT | |

U.S. ROUTE 30 - EARTH EXCAVATION BY STAGE AND STATION

| STATION TO STATION | STAGE A | TEMPORARY PAVEMENT | STAGE 1 | STAGE 2 | STAGE 3 | TOTALS BY STATION (ROUNDED) |
|---------------------|---------|--------------------|---------|---------|---------|-----------------------------|
| | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) |
| 424+60 TO 435+00 | 0 | 165.2 | 422.0 | 726.7 | 311.9 | 1625.8 |
| 435+00 TO 450+00 | 0 | 515.1 | 2914.8 | 3126.7 | 761.6 | 7318.2 |
| 450+00 TO 465+00 | 0 | 373.2 | 365.6 | 1667.0 | 464.5 | 2870.3 |
| 465+00 TO 480+00 | 0 | 5.8 | 2317.8 | 4074.1 | 1169.6 | 7567.3 |
| 480+00 TO 492+45 | 0 | 0 | 2309.8 | 3703.5 | 362.6 | 6375.9 |
| 495+25 TO 510+00 | 0 | 64.6 | 2831.9 | 5879.9 | 546.4 | 9322.8 |
| 510+00 TO 525+00 | 113.4 | 1108.7 | 1113.0 | 1536.4 | 335.2 | 4093.9 |
| 525+00 TO 539+00 | 0.0 | 1261.9 | 2937.6 | 4289.2 | 1194.6 | 9705.3 |
| 539+00 TO 554+00 | 0 | 1166.5 | 2035.8 | 1486.8 | 851.0 | 5540.1 |
| 554+00 TO 569+00 | 0 | 408.5 | 2085.2 | 3216.7 | 389.8 | 6100.2 |
| 569+00 TO 584+00 | 0 | 13.8 | 1037.2 | 766.3 | 650.4 | 2467.7 |
| 584+00 TO 591+10.14 | 0 | 0 | 555.0 | 523.2 | 563.3 | 1641.5 |
| TOTAL | 113.4 | 5083.3 | 20925.8 | 30996.5 | 7600.8 | 64741.8 |

U.S. ROUTE 30 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL BY STAGE AND STATION

| STATION TO STATION | STAGE A | TEMPORARY PAVEMENT | STAGE 1 | STAGE 2 | STAGE 3 | TOTALS BY STATION (ROUNDED) |
|---------------------|---------|--------------------|---------|---------|---------|-----------------------------|
| | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) |
| 424+60 TO 435+00 | 0 | 276.7 | 1274.3 | 400.1 | 0 | 1951.1 |
| 435+00 TO 450+00 | 0 | 941.2 | 1582.3 | 479.1 | 0 | 3002.6 |
| 450+00 TO 465+00 | 0 | 428.1 | 3132.3 | 1779.5 | 0 | 5339.9 |
| 465+00 TO 480+00 | 0 | 29.3 | 3213.0 | 1159.3 | 94.7 | 4496.3 |
| 480+00 TO 492+45 | 0 | 0 | 894.5 | 1180.0 | 0 | 2074.5 |
| 495+25 TO 510+00 | 0 | 333.5 | 1332.5 | 1401.8 | 38.8 | 3106.6 |
| 510+00 TO 525+00 | 309.6 | 679.7 | 2400.2 | 975.0 | 193.1 | 4557.6 |
| 525+00 TO 539+00 | 0 | 423.4 | 1341.2 | 560.4 | 0 | 2325.0 |
| 539+00 TO 554+00 | 0 | 793.7 | 1413.8 | 643.0 | 59.4 | 2909.9 |
| 554+00 TO 569+00 | 0 | 549.2 | 1538.7 | 852.7 | 0 | 2940.6 |
| 569+00 TO 584+00 | 0 | 59.6 | 1003.2 | 743.6 | 0 | 1806.4 |
| 584+00 TO 591+10.14 | 0 | 0 | 386.0 | 336.1 | 0 | 722.1 |
| TOTAL | 309.6 | 4514.4 | 19512.0 | 10510.6 | 386.0 | 35232.6 |

NOTE: THE QUANTITY FOR "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" INCLUDES REMOVAL OF MATERIAL FOR UNDERCUTTING AND REMOVAL OF TOPSOIL.

U.S. ROUTE 30 - REQUIRED EMBANKMENT AND EARTHWORK BALANCE BY STAGE AND STATION

| STATION TO STATION | STAGE A | | TEMPORARY PAVEMENT | | STAGE 1 | | STAGE 2 | | STAGE 3 | | TOTALS BY STATION | |
|---------------------|------------|----------------------|--------------------|----------------------|------------|----------------------|------------|----------------------|------------|----------------------|-------------------|----------------------|
| | EMBANKMENT | FURNISHED EXCAVATION | EMBANKMENT | FURNISHED EXCAVATION | EMBANKMENT | FURNISHED EXCAVATION | EMBANKMENT | FURNISHED EXCAVATION | EMBANKMENT | FURNISHED EXCAVATION | EMBANKMENT | FURNISHED EXCAVATION |
| | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) | (CUYD) |
| 424+60 TO 435+00 | 0 | 0 | 254.3 | 113.9 | 5293.8 | 4935.1 | 3655.0 | 3037.3 | 750.7 | 485.6 | 9953.8 | 8571.9 |
| 435+00 TO 450+00 | 0 | 0 | 1717.7 | 1279.9 | 6760.7 | 4283.1 | 4369.4 | 1711.7 | 873.6 | 226.2 | 13721.4 | 7500.9 |
| 450+00 TO 465+00 | 0 | 0 | 349.3 | 32.1 | 14518.6 | 14207.9 | 5538.2 | 4121.3 | 819.6 | 424.8 | 21225.7 | 18786.1 |
| 465+00 TO 480+00 | 0 | 0 | 49.8 | 44.8 | 7265.0 | 5294.9 | 1723.1 | -1739.9 | 189.7 | -804.4 | 9227.6 | 2795.4 |
| 480+00 TO 492+45 | 0 | 0 | 0 | 0 | 834.0 | -1129.4 | 3191.2 | 43.2 | 490.3 | 182.1 | 4515.5 | -904.1 |
| 495+25 TO 510+00 | 0 | 0 | 669.4 | 614.5 | 7447.8 | 5040.7 | 3853.6 | -1144.3 | 980.8 | 516.4 | 12951.6 | 5027.3 |
| 510+00 TO 525+00 | 736.4 | 640.0 | 506.7 | -435.7 | 8354.2 | 7408.1 | 5081.5 | 3775.6 | 970.2 | 685.3 | 15649.0 | 12073.3 |
| 525+00 TO 539+00 | 0.0 | 0.0 | 68.2 | -1004.5 | 1216.1 | -1592.5 | 116.6 | -3529.2 | 0 | -1015.4 | 1397.8 | -7163.4 |
| 539+00 TO 554+00 | 0 | 0 | 55.0 | -936.6 | 2191.7 | 461.3 | 1279.7 | 15.9 | 372.0 | -351.3 | 3898.4 | -810.7 |
| 554+00 TO 569+00 | 0 | 0 | 358.8 | 11.6 | 1220.8 | -551.6 | 821.4 | -1912.8 | 278.0 | -53.3 | 2679.0 | -2506.1 |
| 569+00 TO 584+00 | 0 | 0 | 114.9 | 103.2 | 2543.3 | 1661.7 | 1712.6 | 1061.2 | 349.9 | -202.9 | 4720.7 | 2623.2 |
| 584+00 TO 591+10.14 | 0 | 0 | 0 | 0 | 1241.1 | 769.4 | 635.4 | 190.7 | 30.0 | -448.8 | 1906.5 | 511.3 |
| TOTAL | 736.4 | 640.0 | 4144.0 | -176.7 | 58887.2 | 40788.6 | 31977.7 | 5630.7 | 6104.9 | -355.7 | 101847.1 | 46505.1 |

FURNISHED EXCAVATION = EMBANKMENT - (1 - SHRINKAGE FACTOR (0.15)) X EARTH EXCAVATION
 A POSITIVE QUANTITY IMPLIES THAT FURNISHED EXCAVATION WILL BE REQUIRED.
 A NEGATIVE QUANTITY IMPLIES THAT THERE IS EXCESS EXCAVATED MATERIAL THAT CAN BE USED ELSEWHERE WITHIN THE PROJECT LIMITS.

EXISTING STRUCTURE REMOVAL EARTHWORK

- STA. 441+23
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 2830 CU YD
- STA. 520+20
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 769 CU YD
- STA. 579+39
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 470 CU YD
- STA. 991+37
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 997 CU YD

COMPENSATORY STORAGE EARTHWORK

- NORTH SIDE OF US ROUTE 30
EARTH EXCAVATION = 1558 CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 676 CU YD
EMBANKMENT REQUIRED = 855 CU YD
FURNISHED EXCAVATION = -469 CU YD
- SOUTHEAST CORNER OF US ROUTE 30 AND 93RD AVENUE
EARTH EXCAVATION = 282 CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 401 CU YD
EMBANKMENT REQUIRED = 501 CU YD
FURNISHED EXCAVATION = 262 CU YD
- HICKORY CREEK BRIDGE
EARTH EXCAVATION = 1143 CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 736 CU YD
EMBANKMENT REQUIRED = 847 CU YD
FURNISHED EXCAVATION = -125 CU YD

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 30
 SCHEDULE OF QUANTITIES

SCALE: VERT. DRAWN BY DJK
 HORIZ. CHECKED BY JRV
 DATE 6/11/2010