

**HOT-MIX ASPHALT SURFACE REMOVAL**

| LOCATION DESCRIPTION           | ALIGNMENT | OFFSET DIRECTION | FROM      | TO        | HMA SURF REM 1/2" (SQ YD) | HMA SURF REM 3" (SQ YD) |
|--------------------------------|-----------|------------------|-----------|-----------|---------------------------|-------------------------|
| I-80 WB - MAINLINE RESURFACING | I-80      | LT               | 3055+50.0 | 3058+20.0 | 844                       |                         |
| I-80 EB - MAINLINE RESURFACING | I-80      | RT               | 3055+50.0 | 3058+20.0 | 839                       |                         |
| I-80 WB - MAINLINE RESURFACING | I-80      | LT               | 3096+95.0 | 3114+60.0 | 6205                      |                         |
| I-80 EB - MAINLINE RESURFACING | I-80      | RT               | 3096+95.0 | 3114+60.0 | 543*                      | 5191                    |
| TOTAL                          |           |                  |           |           | 8431                      | 5191                    |

\* LIMITS OF H.M.A. SURFACE REMOVAL 1/2" IN THIS AREA ARE FROM STA. 3112+86.0 TO STA. 3114+60.0

**PAVEMENT REMOVAL**

| LOCATION DESCRIPTION          | ALIGNMENT | OFFSET DIRECTION | FROM      | TO        | PAVEMENT REM (SQ YD) |
|-------------------------------|-----------|------------------|-----------|-----------|----------------------|
| I-80 WB - MAINLINE FULL-DEPTH | I-80      | LT               | 3058+20.0 | 3069+46.5 | 2996                 |
| I-80 EB - MAINLINE FULL-DEPTH | I-80      | RT               | 3058+20.0 | 3069+46.5 | 2872                 |
| I-80 WB - MAINLINE FULL-DEPTH | I-80      | LT               | 3071+60.5 | 3074+72.6 | 780                  |
| I-80 EB - MAINLINE FULL-DEPTH | I-80      | RT               | 3071+26.1 | 3078+42.2 | 1821                 |
| I-80 WB - MAINLINE FULL-DEPTH | I-80      | LT               | 3091+07.7 | 3096+95.0 | 1509                 |
| I-80 EB - MAINLINE FULL-DEPTH | I-80      | RT               | 3081+60.2 | 3096+45.0 | 3845                 |
| TOTAL                         |           |                  |           |           | 13824                |

**PAVED SHOULDER REMOVAL**

| LOCATION DESCRIPTION       | ALIGNMENT | OFFSET DIRECTION | FROM      | TO        | PAVED SHLD REMOVAL (SQ YD) |
|----------------------------|-----------|------------------|-----------|-----------|----------------------------|
| I-80 WB - INSIDE SHOULDER  | I-80      | LT               | 3058+20.0 | 3069+82.0 | 504                        |
| I-80 WB - OUTSIDE SHOULDER | I-80      | LT               | 3058+20.0 | 3069+94.6 | 1362                       |
| I-80 EB - INSIDE SHOULDER  | I-80      | RT               | 3058+20.0 | 3069+58.7 | 530                        |
| I-80 EB - OUTSIDE SHOULDER | I-80      | RT               | 3058+20.0 | 3069+47.7 | 1289                       |
| I-80 WB - INSIDE SHOULDER  | I-80      | LT               | 3071+14.2 | 3074+72.6 | 188                        |
| I-80 WB - OUTSIDE SHOULDER | I-80      | LT               | 3071+25.1 | 3074+72.6 | 400                        |
| I-80 EB - INSIDE SHOULDER  | I-80      | RT               | 3070+90.6 | 3078+97.5 | 354                        |
| I-80 EB - OUTSIDE SHOULDER | I-80      | RT               | 3070+77.7 | 3078+70.1 | 766                        |
| I-80 WB - INSIDE SHOULDER  | I-80      | LT               | 3091+07.7 | 3096+95.0 | 278                        |
| I-80 WB - OUTSIDE SHOULDER | I-80      | LT               | 3091+07.7 | 3096+95.0 | 694                        |
| I-80 EB - INSIDE SHOULDER  | I-80      | RT               | 3081+33.5 | 3096+45.0 | 682                        |
| I-80 EB - OUTSIDE SHOULDER | I-80      | RT               | 3081+03.3 | 3096+45.0 | 1803                       |
| ALONG SB US 34             | I-80      | LT & RT          | 3070+24.8 | 3068+81.0 | 38                         |
| TOTAL                      |           |                  |           |           | 8888                       |

**EARTH EXCAVATION SCHEDULE**

| DIRECTION OF TRAVEL                    | STATION TO STATION                 | EARTH EXCAVATION (CU YD) | REM & DIS OF UNSUITABLE MATERIAL (CU YD) | EARTH EXC. ADJ. FOR SHRINKAGE (CU YD) | EMBANKMENT (CU YD) | EARTHWORK BALANCE - WASTE (+) OR SHORTAGE (-) (CU YD) |
|--|------------------------------------|--------------------------|--|---------------------------------------|--------------------|---|
| EB I-80                                | STA. 3055+50.00 TO STA. 3069+50.92 | 149.2                    | 722.0                                    | 111.9                                 | 1816.7             | -1704.8   |
| EB I-80                                | STA. 3070+87.79 TO STA. 3078+65.03 | 8.6                      | 842.1                                    | 6.4                                   | 3685.2             | -3678.8   |
| EB I-80                                | STA. 3081+38.86 TO STA. 3114+60.00 | 874.1                    | 4352.9                                   | 655.6                                 | 15223.1            | -14567.5  |
| WB I-80                                | STA. 3055+50.00 TO STA. 3069+85.15 | 129.5                    | 872.7                                    | 97.2                                  | 2595.8             | -2498.6   |
| WB I-80                                | STA. 3071+22.01 TO STA. 3079+62.18 | 0.2                      | 1203.2                                   | 0.1                                   | 6917.4             | -6917.3   |
| WB I-80                                | STA. 3082+40.19 TO STA. 3114+60.00 | 503.9                    | 4620.0                                   | 377.9                                 | 21508.4            | -21130.5  |
| SB US 34                               | STA. 3071+82.00 TO STA. 3068+80.00 | -                        | 55.0                                     | -                                     | -                  | -   |
| NB US 34                               | STA. 3071+94.00 TO STA. 3069+08.00 | -                        | 50.0                                     | -                                     | -                  | -   |
| TOTALS =                               |                                    | 1665.5                   | 12718.0                                  | 1249.1                                | 51746.6            | -50497.5  |
| TOTALS (ROUNDED TO NEAREST 5 CU YDS) = |                                    | 1670                     | 12720                                    | N/A                                   | N/A                | -50500  |

**NOTES:**

- STATION LIMITS, EXCAVATION QUANTITIES, AND EMBANKMENT QUANTITIES WERE TAKEN FROM CROSS SECTIONS.
- THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL QUANTITY WAS BASED ON A ASSUMED DEPTH OF 6 INCHES.
- EARTH EXCAVATION ADJUSTED FOR SHRINKAGE = EXCAVATION QUANTITY X (1-SHRINKAGE FACTOR (.25)).
- EARTHWORK BALANCE = EARTHWORK TO BE REMOVED (WASTE (+)) OR EARTHWORK REQUIRED (SHORTAGE (-)) ; PAID FOR AS FURNISHED EXCAVATION).
- ALL PAY ITEMS HAVE BEEN ROUNDED UP TO THE NEAREST 5 CUBIC YARDS.
- THE TOP FOUR INCHES (4") SHALL BE VEGETATIVE SUSTAINING SOIL AND SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION IN ACCORDANCE WITH ARTICLE 1081.05 (a) OF THE STANDARD SPECIFICATIONS.
- EXCAVATED MATERIAL FROM THE GUARDRAIL INSTALLATION ALONG BOTH SB AND NB US 34, AT THE DIRECTION OF THE ENGINEER, THIS MATERIAL MAY BE USED TO SHAPE AND GRADE THE DISTURBED AREA ADJACENT TO THE GUARDRAIL STABILIZATION PAD.

**GUARDRAIL REMOVAL**

| LOCATION DESCRIPTION       | ALIGNMENT | FROM      |          | TO        |          | GUARDRAIL REMOV (FOOT) |
|----------------------------|-----------|-----------|----------|-----------|----------|------------------------|
|                            |           | STATION   | OFFSET   | STATION   | OFFSET   |                        |
| I-80 WB - INSIDE SHOULDER  | I-80      | 3069+39.2 | 26.8 LT  | 3072+62.6 | 2.7 LT   | 327                    |
| I-80 WB - OUTSIDE SHOULDER | I-80      | 3069+55.4 | 66.5 LT  | 3075+56.4 | 74.2 LT  | 601                    |
| I-80 EB - INSIDE SHOULDER  | I-80      | 3068+10.2 | 3.6 RT   | 3071+31.6 | 26.7 RT  | 324                    |
| I-80 EB - OUTSIDE SHOULDER | I-80      | 3064+79.5 | 69.3 RT  | 3071+20.9 | 67.0 RT  | 642                    |
| I-80 WB - INSIDE SHOULDER  | I-80      | 3079+32.9 | 28.2 LT  | 3083+54.8 | 5.7 RT   | 426                    |
| I-80 WB - OUTSIDE SHOULDER | I-80      | 3075+94.4 | 68.5 LT  | 3101+93.4 | 67.4 LT  | 2570                   |
| I-80 EB - INSIDE SHOULDER  | I-80      | 3077+49.4 | 4.5 LT   | 3081+63.9 | 28.6 RT  | 422                    |
| I-80 EB - OUTSIDE SHOULDER | I-80      | 3073+65.7 | 71.1 RT  | 3098+00.1 | 69.1 RT  | 2461                   |
| ALONG SB US 34             | I-80      | 3071+40.8 | 331.2 LT | 3069+46.5 | 154.8 RT | 524                    |
| ALONG NB US 34             | I-80      | 3071+30.0 | 196.3 LT | 3069+64.4 | 252.1 RT | 480                    |
| TOTAL                      |           |           |          |           |          | 8778                   |

**RAISED REFLECTIVE PAVEMENT MARKER REMOVAL**

| LOCATION DESCRIPTION           | ALIGNMENT | FROM      |         | TO        |         | RAISED REF PAV MK REM (EACH) |
|--------------------------------|-----------|-----------|---------|-----------|---------|------------------------------|
|                                |           | STATION   | OFFSET  | STATION   | OFFSET  |                              |
| I-80 WB - MAINLINE RESURFACING | I-80      | 3054+60.0 | 44.0 LT | 3058+20.0 | 44.0 LT | 10                           |
| I-80 EB - MAINLINE RESURFACING | I-80      | 3054+60.0 | 44.0 RT | 3058+20.0 | 44.0 RT | 10                           |
| I-80 WB - MAINLINE FULL-DEPTH  | I-80      | 3058+20.0 | 44.0 LT | 3069+55.1 | 44.0 LT | 30                           |
| I-80 EB - MAINLINE FULL-DEPTH  | I-80      | 3058+20.0 | 44.0 RT | 3069+20.9 | 44.0 RT | 28                           |
| I-80 WB - MAINLINE FULL-DEPTH  | I-80      | 3071+52.0 | 44.0 LT | 3079+32.3 | 44.0 LT | 20                           |
| I-80 EB - MAINLINE FULL-DEPTH  | I-80      | 3071+17.8 | 44.0 RT | 3078+35.7 | 44.0 RT | 20                           |
| I-80 WB - MAINLINE FULL-DEPTH  | I-80      | 3082+70.9 | 44.0 LT | 3096+95.0 | 44.0 LT | 36                           |
| I-80 EB - MAINLINE FULL-DEPTH  | I-80      | 3081+69.1 | 44.0 RT | 3096+45.0 | 44.0 RT | 38                           |
| I-80 WB - MAINLINE RESURFACING | I-80      | 3096+95.0 | 44.0 LT | 3115+50.0 | 44.0 LT | 48                           |
| I-80 EB - MAINLINE RESURFACING | I-80      | 3096+45.0 | 44.0 RT | 3115+50.0 | 44.0 RT | 48                           |
| TOTAL                          |           |           |         |           |         | 288                          |

**APPROACH SLAB REMOVAL AND HMA SURFACE REMOVAL (ASBESTOS)**

| LOCATION DESCRIPTION | ALIGNMENT | OFFSET DIRECTION | BRIDGE STRUCTURE NUMBER | APPROACH SLAB REM (SQ YD) | HMA SURF REM (ABS) (SQ YD) |
|----------------------|-----------|------------------|-------------------------|---------------------------|----------------------------|
| I-80 WB - BRIDGE     | I-80      | LT               | SN 006-0021             | 235                       | 582                        |
| I-80 EB - BRIDGE     | I-80      | RT               | SN 006-0020             | 234                       | 582                        |
| I-80 WB - BRIDGE     | I-80      | LT               | SN 006-0023             | *                         | 827                        |
| I-80 EB - BRIDGE     | I-80      | RT               | SN 006-0022             | 270                       | 810                        |
| TOTAL                |           |                  |                         | 739**                     | 2801                       |

- \* THE EXISTING BRIDGE APPROACH SLAB FOR WB I-80 STRUCTURE NUMBER SN 006-0023 SHALL REMAIN IN PLACE AND BE BROKEN PER SECTION 205 OF THE STANDARD SPECIFICATIONS.  
 \*\* THE INDIVIDUAL TOTALS INCLUDES THE REMOVAL OF THE APPROACH SLABS AT BOTH ENDS OF THE CORRESPONDING STRUCTURE.

**TREE REMOVAL**

| LOCATION DESCRIPTION              | TREE REMOVAL (6-15 UNIT DIA) | TREE REMOVAL (OVER 15 UNIT DIA) |
|-----------------------------------|------------------------------|---------------------------------|
|                                   | UNITS                        | UNITS                           |
| WBL                               |                              |                                 |
| EAST OF RR BRIDGE BETWEEN BRIDGES | 30                           | 16                              |
| BETWEEN BRIDGES                   | 22                           | 0                               |
| WEST OF US 34 BRIDGE              | 0                            | 0                               |
| EBL                               |                              |                                 |
| EAST OF RR BRIDGE                 | 51                           | 33                              |
| BETWEEN BRIDGES                   | 255                          | 93                              |
| WEST OF US 34 BRIDGE              | 183                          | 62                              |
| TOTAL                             | 541                          | 204                             |

THE ENGINEER IS THE SOLE JUDGE ON WHICH TREES WILL BE REMOVED.

|                             |                 |                |           |   |  |                     |                               |                    |                |             |
|-----------------------------|-----------------|----------------|-----------|---|--|---------------------|-------------------------------|--------------------|----------------|-------------|
| <b>TYLINT INTERNATIONAL</b> | USER NAME =     | DESIGNED - CAC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>F.A.I. ROUTE 80 (I-80)<br/>SCHEDULE OF QUANTITIES<br/>REMOVAL/EARTHWORK QUANTITIES SHEET 1 OF 5</b> | F.A.I. RTE. =       | SECTION =                     | COUNTY =           | TOTAL SHEETS = | SHEET NO. = |
|                             | PLOT SCALE =    | CHECKED - JDF  | REVISED - |   |  | 80                  | [(06-5)HBR-1,VBR(06-6)JRS-3&I | BUREAU             | 249            | 17          |
| PLOT DATE =                 | DATE - 9/7/2011 | REVISED -      |           | SCALE:  | SHEET NO. OF SHEETS STA. TO STA.   | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT     | CONTRACT NO. 66686 |                |             |

6/16/12 PM 9/14/2011