

|                     |         |                           |              |           |
|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE.           | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| *                   | **      | WILLIAMSON                | 917          | 376       |
| STA.                |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. |         | ILLINOIS FED. AID PROJECT |              |           |

- FAI 57 & FAU 9629 (OLD IL 13)
- \*\* 0X1-6-21VB-2, 0X1-61HBK-2

### EARTHWORK - FAI 57 STAGE 5

| LOCATION<br>STA TO STA                 | EARTH<br>EXCAVATION<br>CU YD | FOR INFORMATION ONLY                |  |                     |   |                                |                               | REMARKS |
|--|------------------------------|-------------------------------------|--|---------------------|---|--------------------------------|-------------------------------|---------|
|  |                              | AVERAGE<br>SHRINKAGE<br>FACTOR<br>% | EARTH<br>EXCAVATION<br>(ADJUSTED)<br>CU YD | EMBANKMENT<br>CU YD | EARTHWORK<br>BALANCE<br>WASTE (+) SHORTAGE (-)<br>CU YD | BORROW<br>SWELL<br>FACTOR<br>% | BORROW<br>EXCAVATION<br>CU YD |         |
|  |                              |                                     |  |                     |   |                                |                               |         |
| <b>FAI 57</b>                          |                              |                                     |  |                     |   |                                |                               |         |
| <b>STAGE 5</b>                         |                              |                                     |  |                     |   |                                |                               |         |
| STA 4+40 TO STA 8+78 RAMP F            | 0                            | 15.4%                               | 0  | 7,932               | -7,932  |                                |                               |         |
| STA 10+00 TO STA 15+83 RAMP F          | 1,929                        | 16.8%                               | 1,604                                      | 3,970               | -2,366  |                                |                               |         |
| STA 4+50 TO STA 7+96 RAMP FF           | 1,052                        | 15.4%                               | 890  | 7,736               | -6,846  |                                |                               |         |
| <b>STAGE 5A</b>                        |                              |                                     |  |                     |   |                                |                               |         |
| STA 7+18 TO STA 15+83 RAMP F           | 996                          | 17.4%                               | 822  | 4,905               | -4,083  |                                |                               |         |
| <b>STAGE 5B</b>                        |                              |                                     |  |                     |   |                                |                               |         |
| STA 1519+25 TO STA 1522+15 SOUTH BOUND | 28                           | 25.7%                               | 21   | 359                 | -338  |                                |                               |         |
| <b>FAI 57 STAGE 5 PROJECT TOTAL</b>    | <b>4,005</b>                 | <b>18.1%</b>                        | <b>3,337</b>                               | <b>24,902</b>       | <b>-21,565</b>  | <b>25.0%</b>                   | <b>26,956</b>                 |         |

PLOT DATE = 1/16/2007  
 FILE NAME = c:\projects\982802\ad13\ad13.dwg  
 SCALE = 50.0000 / 1" = 100'  
 USER NAME = jck

|              |      |   |  |
|--------------|------|---|--|
| REVISIONS    |      | ILLINOIS DEPARTMENT OF TRANSPORTATION                 |  |
| NAME         | DATE | <b>SCHEDULE</b><br><br>SCALE: VERT.<br>HORIZ.<br>DATE |  |
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| DRAWN BY JCK |      | CHECKED BY  |  |