



**BUTT JOINTS**

- STA. 606+00
- STA. 624+93
- STA. 638+26
- STA. 649+03
- STA. 651+20
- STA. 771+61

**SIDEROAD DETAIL**

- STA. 618+70 LT
- STA. 654+50 RT
- STA. 683+50 LT
- STA. 721+08 RT

| •EOP ELEVATION CHANGE | ••TOTAL TRANSITION LENGTH |
|-----------------------|---------------------------|
| 3/4"                  | 3.5'                      |
| 1"                    | 5'                        |
| 1-1/2"                | 7.5'                      |
| 2"                    | 10'                       |
| 2-1/2"                | 12.5'                     |
| 3"                    | 15'                       |
| 3-1/2"                | 17.5'                     |
| 4"                    | 20'                       |
| 4-1/2"                | 22.5'                     |
| 5"                    | 25'                       |
| 5-1/2"                | 27.5'                     |
| 6"                    | 30'                       |

NOTE:  
WHERE THE HMA TRANSITION IS MATCHING INTO AN EXISTING HMA SIDE ROAD SURFACE, A MILLED BUTT JOINT SHALL BE CONSTRUCTED WITHIN THE LIMITS OF THE TOTAL TRANSITION LENGTH ON THE LOCAL ROUTE.

|                                      |                               |            |           |
|--------------------------------------|-------------------------------|------------|-----------|
| FILE NAME *                          | USER NAME * elfordb           | DESIGNED - | REVISED - |
| ca\pe_wark\PM1001\ALFORDB\8174849\67 | d79-shr-plandgn               | DRAWN -    | REVISED - |
|                                      | PLOT SCALE * 100.0000 ' / IN. | CHECKED -  | REVISED - |
|                                      | PLOT DATE * 3/16/2010         | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|                                   |           |           |              |
|-----------------------------------|-----------|-----------|--------------|
| TRANSITION AND BUTT JOINT DETAILS |           |           |              |
| SCALE:                            | SHEET NO. | OF SHEETS | STA. TO STA. |

|   |          |          |              |           |
|---|----------|----------|--------------|-----------|
| F.A.S. RTE.                                   | SECTION  | COUNTY   | TOTAL SHEETS | SHEET NO. |
| 050   | (12,13RS | RANDOLPH | 8            | 8         |
| CONTRACT NO. 76079                            |          |          |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |          |          |              |           |