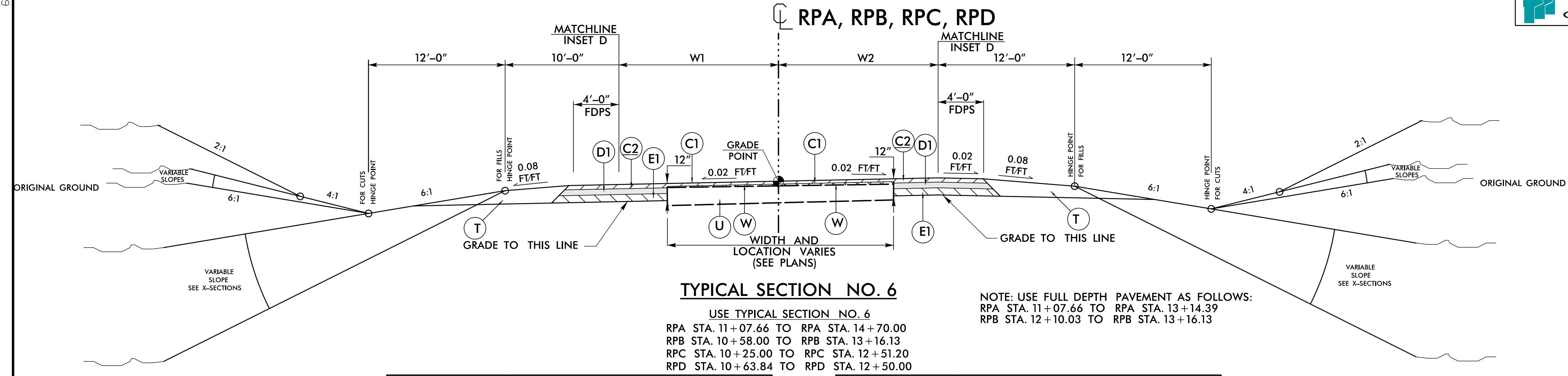


6/22/24

**TGS ENGINEERS**  
 201 W. MARION ST, STE 200  
 SHELBY, NC 28150  
 PH (704) 476-0003  
 CORP. LICENSE NO.: C-0275

|  |  |
|--|--|
| PROJECT REFERENCE NO.<br><b>U-5809</b>                                   | SHEET NO.<br><b>2A-3</b>                         |
| ROADWAY DESIGN ENGINEER<br><b>JIMMY L. TERRY</b>                         | PAVEMENT DESIGN ENGINEER<br><b>RAMIE L. SHAW</b> |
|  |  |
| <b>DOCUMENT NOT CONSIDERED FINAL<br/>UNLESS ALL SIGNATURES COMPLETED</b> |  |



**TYPICAL SECTION NO. 6**

USE TYPICAL SECTION NO. 6  
 RPA STA. 11+07.66 TO RPA STA. 14+70.00  
 RPB STA. 10+58.00 TO RPB STA. 13+16.13  
 RPC STA. 10+25.00 TO RPC STA. 12+51.20  
 RPD STA. 10+63.84 TO RPD STA. 12+50.00

NOTE: USE FULL DEPTH PAVEMENT AS FOLLOWS:  
 RPA STA. 11+07.66 TO RPA STA. 13+14.39  
 RPB STA. 12+10.03 TO RPB STA. 13+16.13

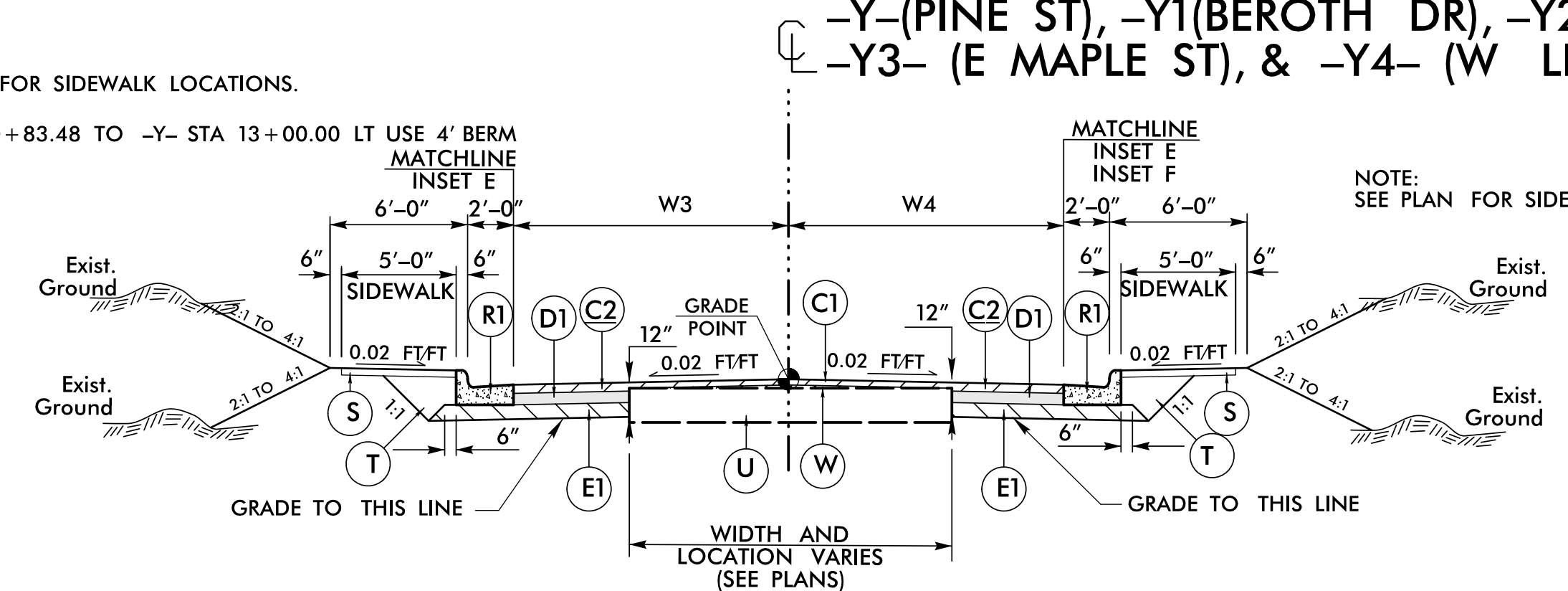
| W1                 | STA. TO STA.   |
|--------------------|--|
| 16'-0"             | RPA STA. 11+07.66 TO RPA STA. 14+10.00   |
| 14'-0"             | RPB STA. 11+13.00 TO RPB STA. 12+31.86<br>RPD STA. 11+39.65 TO RPD STA. 12+00.00 |
| VARIES (SEE PLANS) | RPB STA. 12+31.86 TO RPB STA. 13+93.13<br>RPD STA. 10+63.84 TO RPD STA. 11+39.65 |
| 16'-0" TO EXISTING | RPA STA. 14+10.00 TO RPA STA. 14+70.00   |
| 14'-0" TO EXISTING | RPB STA. 10+58.00 TO RPB STA. 11+13.00<br>RPD STA. 12+00.00 TO RPD STA. 12+50.00 |
| 2'-0"              | RPC STA. 10+55.00 TO RPC STA. 12+51.20<br>RPD STA. 10+63.84 TO RPD STA. 12+00.00 |
| 2'-0" TO EXISTING  | RPC STA. 10+25.00 TO RPC STA. 10+55.00<br>RPD STA. 12+00.00 TO RPD STA. 12+50.00 |

| W2                 | STA. TO STA.   |
|--------------------|--|
| 2'-0"              | RPA STA. 11+07.66 TO RPA STA. 14+10.00<br>RPB STA. 11+13.00 TO RPB STA. 13+93.13 |
| 2'-0" TO EXISTING  | RPA STA. 14+10.00 TO RPA STA. 14+70.00<br>RPB STA. 10+58.00 TO RPB STA. 11+13.00 |
| 16'-0" TO 28'-0"   | RPC STA. 10+55.00 TO RPC STA. 11+55.00   |
| VARIES (SEE PLANS) | RPC STA. 11+55.00 TO RPC STA. 12+51.20   |
| 16'-0" TO EXISTING | RPC STA. 10+25.00 TO RPC STA. 10+55.00   |

**PAVEMENT SCHEDULE**

|    |                     |
|----|---------------------|
| C1 | 1 1/2" S9.5C        |
| C2 | 3" S9.5C            |
| D1 | 4" I19.5C           |
| E1 | 5" B25.0C           |
| J1 | 6" ABC              |
| R1 | 2'-6" C & G         |
| R2 | 2'-0" VALLEY GUTTER |
| S  | 4" SIDEWALK         |
| T  | EARTH MATERIAL      |
| U  | EXISTING PAVEMENT   |
| W  | WEDGING             |

NOTE:  
SEE PLAN FOR SIDEWALK LOCATIONS.  
NOTE:  
-Y- STA. 10+83.48 TO -Y- STA 13+00.00 LT USE 4' BERM



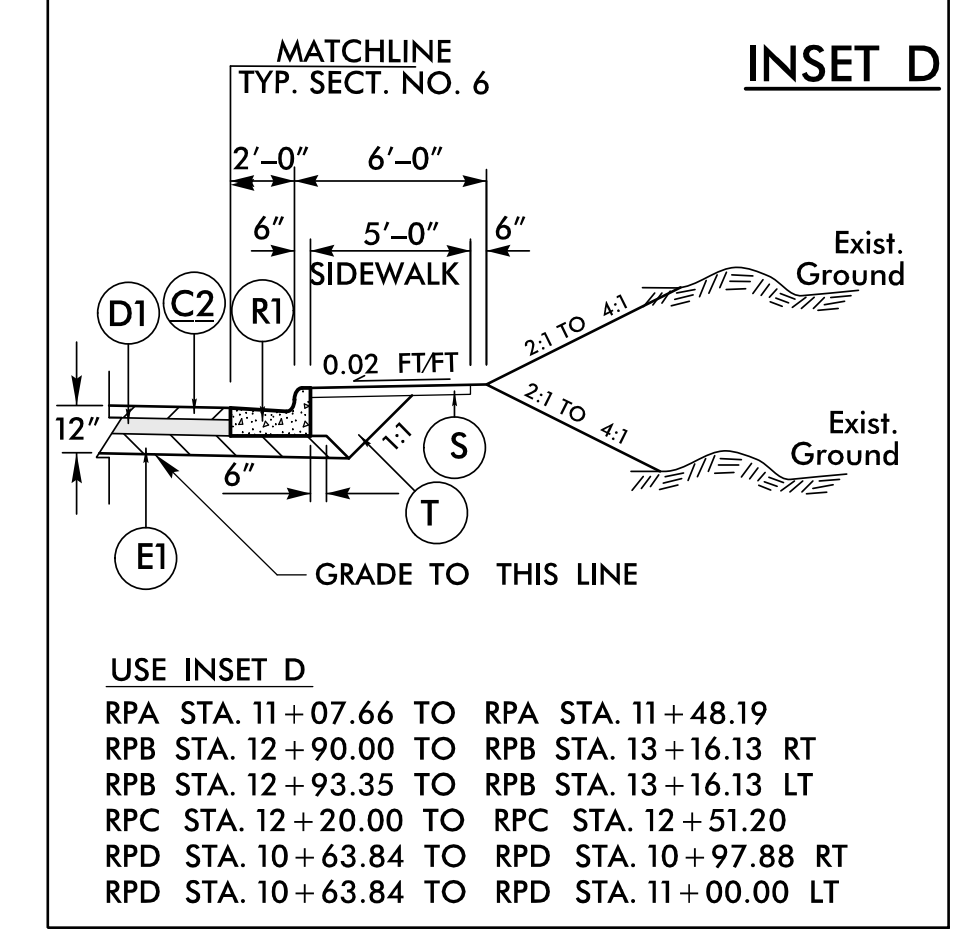
**TYPICAL SECTION NO. 7**

USE TYPICAL SECTION NO. 7  
 -Y- STA. 10+83.48 TO -Y- STA. 13+30.00  
 -Y2- STA. 10+70.00 TO -Y2- STA. 13+95.05  
 -Y3- STA. 10+90.00 TO -Y3- STA. 14+15.00  
 -Y4- STA. 10+50.00 TO -Y4- STA. 15+13.49  
 -Y5- STA. 10+65.00 TO -Y5- STA. 15+00.00

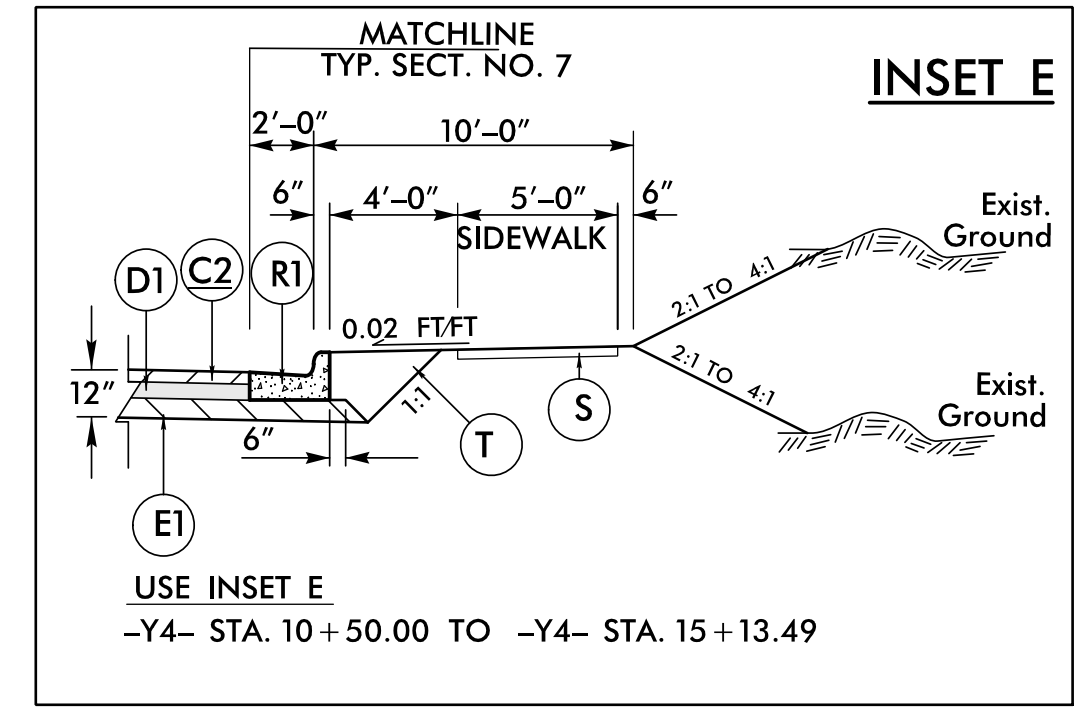
NOTE: USE FULL DEPTH PAVEMENT AS FOLLOWS:  
 -Y2- STA. 12+68.70 TO -Y2- STA. 13+95.05  
 -Y3- STA. 10+90.00 TO -Y3- STA. 12+45.00  
 -Y4- STA. 13+37.26 TO -Y4- STA. 15+13.49

| W3                 | STA. TO STA.  |
|--------------------|---|
| 10'-0"             | -Y2- STA. 11+94.26 TO -Y2- STA. 12+20.00<br>-Y3- STA. 12+90.00 TO -Y3- STA. 13+65.00  |
| 16'-0" TO 10'-0"   | -Y3- STA. 12+00.00 TO -Y3- STA. 12+90.00  |
| 12'-0"             | -Y4- STA. 11+00.00 TO -Y4- STA. 12+40.00  |
| 12'-0" TO 18'-0"   | -Y4- STA. 12+40.00 TO -Y4- STA. 14+00.00  |
| 18'-0"             | -Y- STA. 11+47.98 TO -Y- STA. 12+80.00  |
| VARIES (SEE PLANS) | -Y- STA 10+83.48 TO -Y- STA. 11+47.98<br>-Y1- STA. 11+96.02 TO -Y1- STA. 12+70.30<br>-Y2- STA. 12+20.00 TO -Y2- STA. 13+95.05<br>-Y3- STA. 10+90.00 TO -Y3- STA. 12+00.00<br>-Y4- STA. 14+00.00 TO -Y4- STA. 15+13.49 |
| 10'-0" TO EXISTING | -Y2- STA. 10+70.00 TO -Y2- STA. 12+20.00<br>-Y3- STA. 13+65.00 TO -Y3- STA. 14+15.00  |
| 12'-0" TO EXISTING | -Y4- STA. 10+50.00 TO -Y4- STA. 11+00.00  |
| 18'-0" TO EXISTING | -Y- STA. 12+80.00 TO -Y- STA. 13+30.00  |

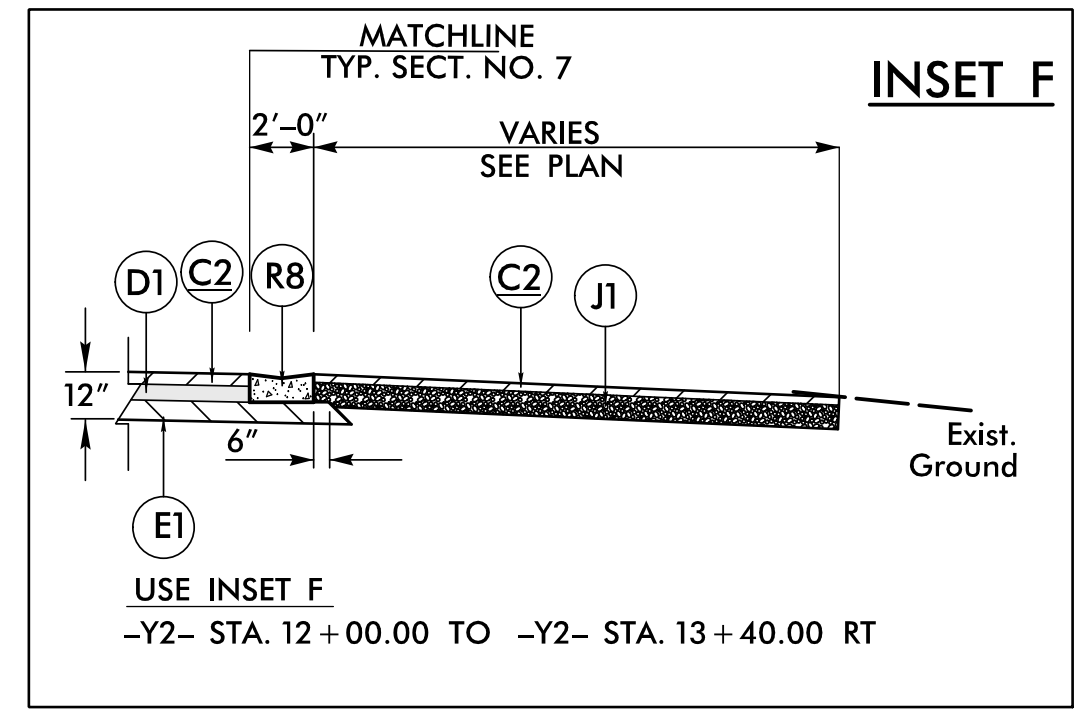
| W4                 | STA. TO STA.   |
|--------------------|--|
| 10'-0"             | -Y2- STA. 11+94.26 TO -Y2- STA. 12+20.00<br>-Y3- STA. 12+90.00 TO -Y3- STA. 13+65.00   |
| 16'-0" TO 10'-0"   | -Y3- STA. 12+00.00 TO -Y3- STA. 12+90.00   |
| 12'-0"             | -Y4- STA. 11+00.00 TO -Y4- STA. 12+40.00   |
| 12'-0" TO 18'-0"   | -Y4- STA. 12+40.00 TO -Y4- STA. 14+00.00   |
| VARIES (SEE PLANS) | -Y- STA. 10+83.48 TO -Y- STA. 13+30.00<br>-Y1- STA. 11+96.02 TO -Y1- STA. 12+70.30<br>-Y2- STA. 12+20.00 TO -Y2- STA. 13+95.05<br>-Y3- STA. 10+90.00 TO -Y3- STA. 12+00.00<br>-Y4- STA. 14+00.00 TO -Y4- STA. 15+13.49 |
| 10'-0" TO EXISTING | -Y2- STA. 10+70.00 TO -Y2- STA. 12+20.00<br>-Y3- STA. 13+65.00 TO -Y3- STA. 14+15.00   |
| 12'-0" TO EXISTING | -Y4- STA. 10+50.00 TO -Y4- STA. 11+00.00   |



USE INSET D  
 RPA STA. 11+07.66 TO RPA STA. 11+48.19  
 RPB STA. 12+90.00 TO RPB STA. 13+16.13 RT  
 RPB STA. 12+93.35 TO RPB STA. 13+16.13 LT  
 RPC STA. 12+20.00 TO RPC STA. 12+51.20  
 RPD STA. 10+63.84 TO RPD STA. 10+97.88 RT  
 RPD STA. 10+63.84 TO RPD STA. 11+00.00 LT



USE INSET E  
 -Y4- STA. 10+50.00 TO -Y4- STA. 15+13.49



USE INSET F  
 -Y2- STA. 12+00.00 TO -Y2- STA. 13+40.00 RT