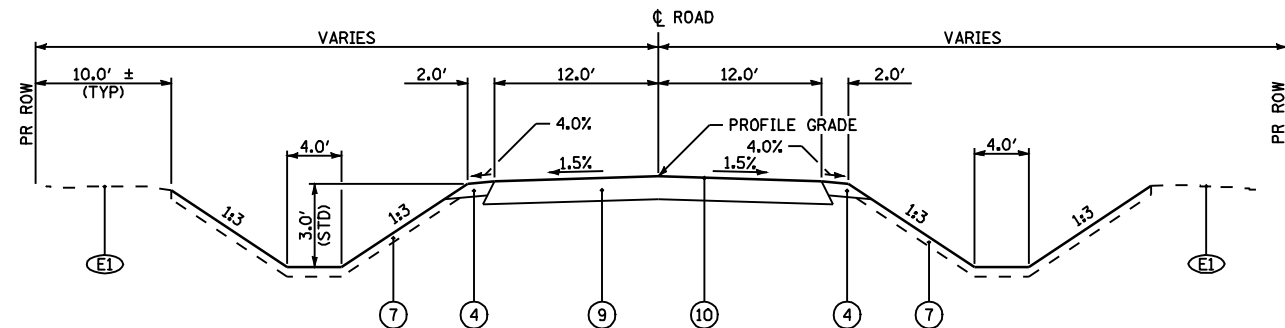


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-12	CHRISTIAN	284	39
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

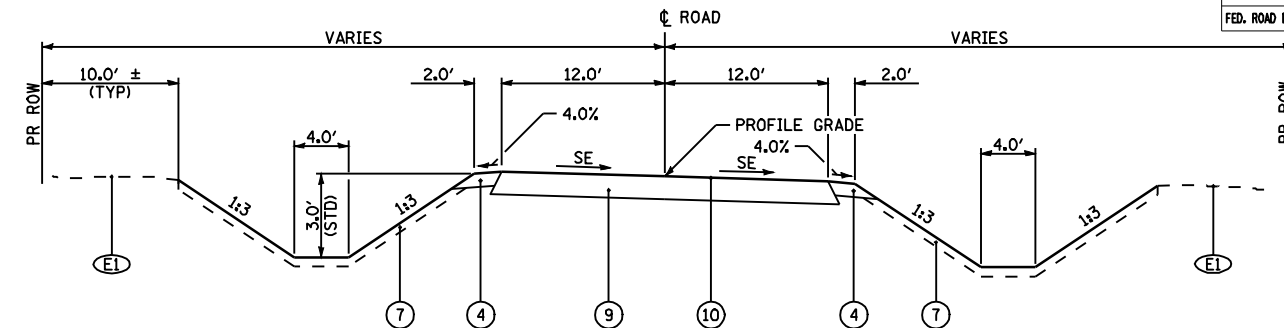
TR 229A  
 STA 15+00.00 TO STA 17+78.57  
 STA 22+16.27 TO STA 24+75.00

CH 6  
 STA 46+25.58 TO STA 47+58.22  
 STA 52+41.78 TO STA 54+60.00

SERVICE DRIVE 614  
 STA 485+00.00 TO STA 485+50  
 STA 4+08 TO STA 4+21.88

TR 193  
 STA 15+13.59 TO STA 16+25.00

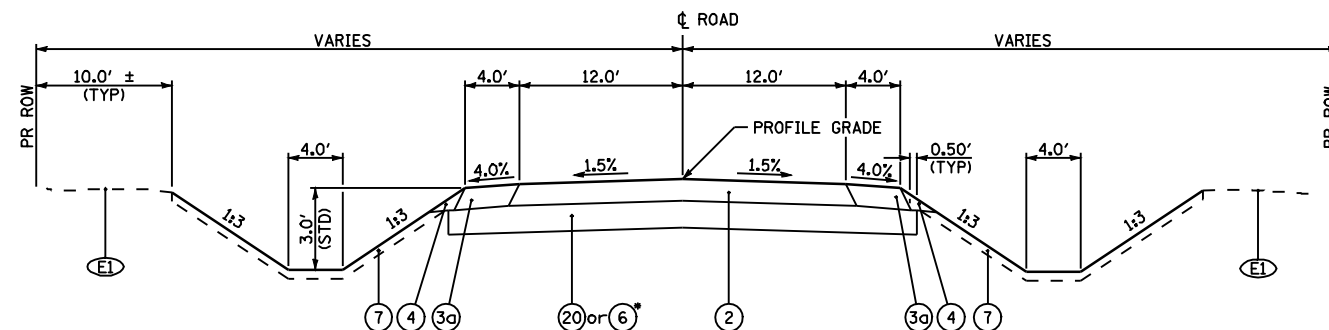
NOTE:  
 AGGREGATE SHOULDER THICKNESS IS 8" ADJACENT TO PROPOSED EDGE OF PAVEMENT AND 9 1/4" ADJACENT TO PAVED SHOULDERS.



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

SERVICE DRIVE 614  
 STA 485+50 TO STA 1+22 SE ATTAINED  
 STA 1+22 TO STA 3+17 SE = 3.8%  
 STA 3+17 TO STA 4+08 SE REMOVED

STATION EQUATION: 486+18.70 BK = 1+00.00 AH



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

TR 229A  
 STA 17+78.57 TO STA 19+38.94  
 STA 20+61.02 TO STA 22+16.27

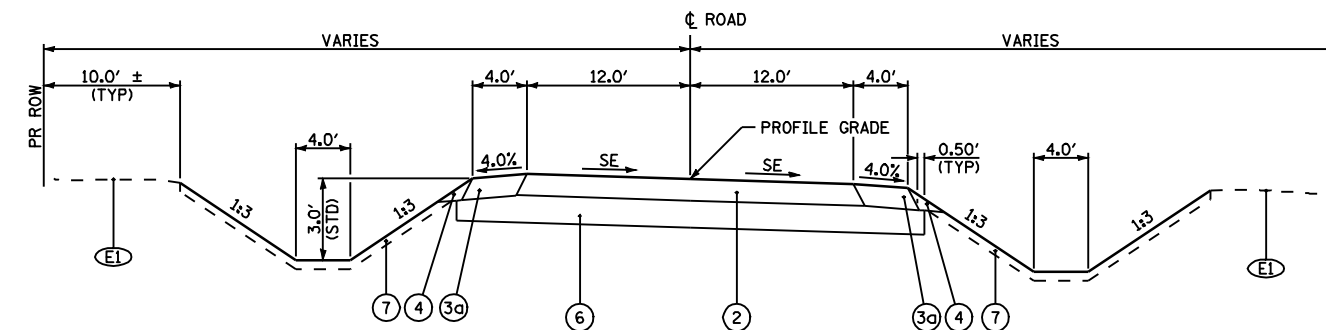
CH 6  
 STA 47+58.22 TO STA 49+37.48  
 STA 50+63.63 TO STA 52+41.78

ASSUMPTION SOUTH CONNECTOR  
 STA 3+11.00 TO STA 4+33  
 STA 494+59 TO STA 495+00.00

TR 209  
 STA 51+43.09 TO STA 51+95.40

EX US 51  
 STA 606+20.00 TO STA 607+72.21

TR 306  
 STA 8+55.00 TO STA 8+75.00 (WITHOUT BIT SHOULDER)  
 STA 8+75.00 TO STA 9+51.00



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

ASSUMPTION SOUTH CONNECTOR  
 STA 4+33 TO STA 5+55 SE ATTAINED  
 STA 5+55 TO STA 13+24 SE = 4.0%  
 STA 13+24 TO STA 494+59 SE REMOVED

STATION EQUATION: 13+53.37 BK = 493+66.25 AH

M0-15-2018 01445224

• - ASSUMPTION SOUTH CONNECTOR

LEGEND

- |                                                                  |                                                                                                                                                |                                                                    |
|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| (E1) EXISTING GROUND                                             | (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4" [SEE MIXTURE REQUIREMENTS AND PAVING LIFT DIAGRAMS ON SHEET 3 FOR THE PAVEMENT COMPOSITION] | (9) AGGREGATE BASE COURSE, TYPE A, 10"                             |
| (E2) EXISTING HMA SURFACE, 1 1/2"                                | (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/4" [SEE MIXTURE REQUIREMENTS AND PAVING LIFT DIAGRAMS ON SHEET 3 FOR THE PAVEMENT COMPOSITION]  | (10) BITUMINOUS SURFACE TREATMENT CLASS A-3                        |
| (E3) EXISTING HMA SURFACE, VARIES 3" - 6"                        | (3) HOT-MIX ASPHALT SHOULDERS, 9 1/4"                                                                                                          | (11) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"              |
| (E4) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT                     | (4) AGGREGATE SHOULDERS, TYPE B                                                                                                                | (12) HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (WHEN WIDTH < 6')   |
| (E5) EXISTING PCC BASE COURSE WIDENING, 9"                       | (5) SUB-BASE GRANULAR MATERIAL, TYPE C                                                                                                         | (13) HOT-MIX ASPHALT BASE COURSE, 1 1/4" (WHEN WIDTH >= 6')        |
| (E6) EXISTING HMA SHOULDERS, 8" WITH OVERLAY                     | (6) PROCESSING LIME MODIFIED SOILS, 12"                                                                                                        | (14) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED), STD 420101    |
| (E7) EXISTING AGGREGATE SHOULDERS, VARIABLE DEPTH                | (7) TOPSOIL FURNISH AND PLACE, 4"                                                                                                              | (15) HOT-MIX ASPHALT SURFACE REMOVAL, 2"                           |
| (E8) EXISTING HMA SHOULDERS, 8"                                  | (8) PIPE UNDERDRAINS, 4" (STD 601001)                                                                                                          | (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, STD 606001 |
| (E9) EXISTING PIPE UNDERDRAINS                                   |                                                                                                                                                | (17) AGGREGATE SURFACE COURSE, TYPE A, 6"                          |
| (E10) EXISTING HMA PAVEMENT, 13 3/4"                             |                                                                                                                                                | (18) HOT-MIX ASPHALT BASE COURSE WIDENING, 9" (WHEN WIDTH < 6')    |
| (R1) REMOVE EXISTING HMA SHOULDERS                               |                                                                                                                                                | (19) HOT-MIX ASPHALT BASE COURSE, 0 1/2" (WHEN WIDTH >= 6')        |
| (R2) REMOVE EXISTING HMA PAVEMENT, 13 3/4" AND HMA SHOULDERS, 8" |                                                                                                                                                | (20) AGGREGATE BASE COURSE, TYPE A, 8"                             |
|                                                                  |                                                                                                                                                | (21) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"              |

- (A) SHOULDER SLOPE - HIGH SIDE OF SE: WHEN THE SE RATE OF THE PAVEMENT IS BETWEEN 0 AND 4% THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SE RATE OF THE PAVEMENT EXCEEDS 4% THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SHALL BE 8%.
- (B) SHOULDER SLOPE - LOW SIDE OF SE: SLOPE SHALL BE THE SAME AS THE SE BUT NOT LESS THAN 4%.
- (C) TURN LANE SLOPE - HIGH SIDE OF SE: WHEN THE SE RATE OF THE PAVEMENT IS BETWEEN 0 AND 2% THE TURN LANE SHALL BE SLOPED AT 2%. WHEN THE SE RATE OF THE PAVEMENT EXCEEDS 2% THE TURN LANE SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND TURN LANE SHALL BE 4%.
- (D) TURN LANE SLOPE - LOW SIDE OF SE: SLOPE SHALL BE THE SAME AS THE SE BUT NOT LESS THAN 2%.

NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS  
 SHEET 8 OF 9  
 FAP 322 (US 51)  
 SECTION 11-12  
 CHRISTIAN COUNTY

SCALE: NONE  
 DATE: 8/22/06  
 DRAWN BY: SEB  
 CHECKED BY: TLD