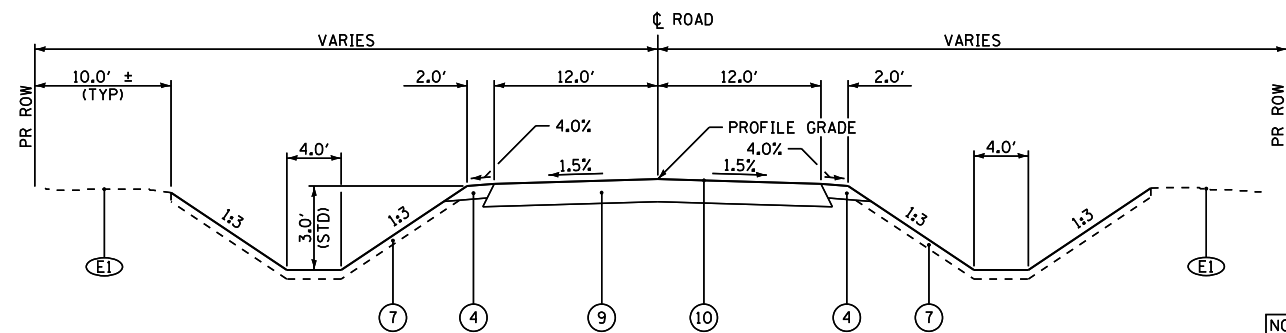
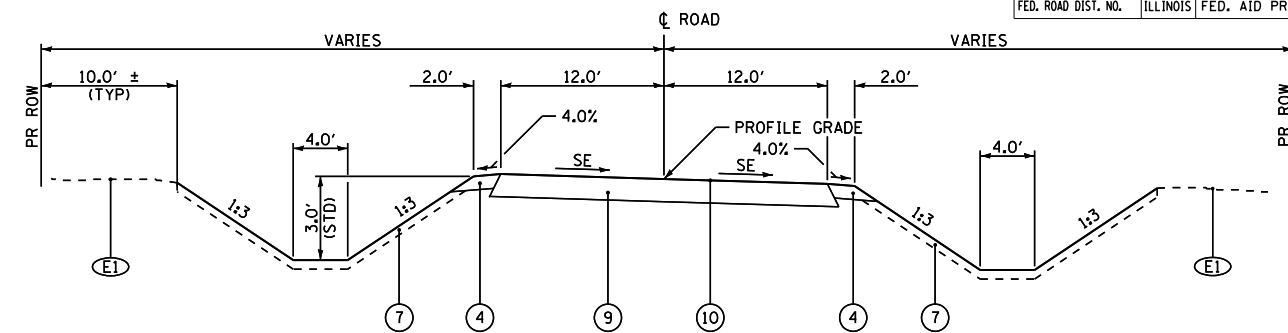


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-13	CHRISTIAN	437	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

NOTE:
AGGREGATE SHOULDER THICKNESS IS 8" ADJACENT TO PROPOSED EDGE OF PAVEMENT.



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

TR 268
STA 12+80.00 TO STA 12+81.00
STA 23+98.00 TO STA 25+50.00

TR 273
STA 15+10.00 TO STA 17+82.97
STA 22+17.29 TO STA 25+00.00

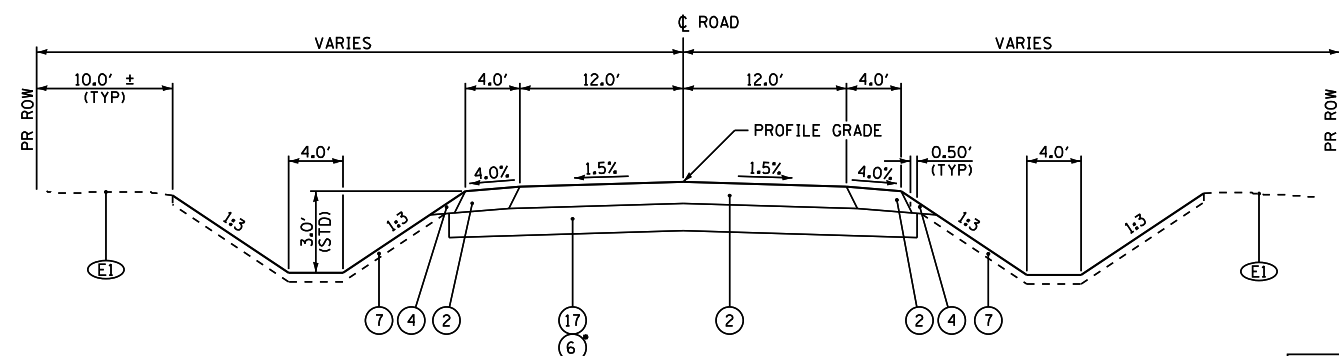
TR 255
STA 37+75.00 TO STA 38+49.00
STA 42+03.00 TO STA 43+55.00 BRIDGE OMISSION
STA 43+55.00 TO STA 43+75.00
STA 47+47.00 TO STA 47+81.58

TR 243
STA 15+50.00 TO STA 17+82.54
STA 22+17.46 TO STA 23+10.00

TR 268
STA 12+81.00 TO STA 13+81.00 SE ATTAINED
STA 13+81.00 TO STA 14+75.00 SE = 4.0%
STA 14+75.00 TO STA 16+21.00 SE TRANSITION
STA 16+21.00 TO STA 17+74.00 SE=4.0%
STA 17+74.00 TO STA 18+01.24 SE REMOVED
STA 22+04.47 TO STA 22+62.00 SE ATTAINED
STA 22+62.00 TO STA 23+23.00 SE=2.6%
STA 23+23.00 TO STA 23+98.00 SE REMOVED

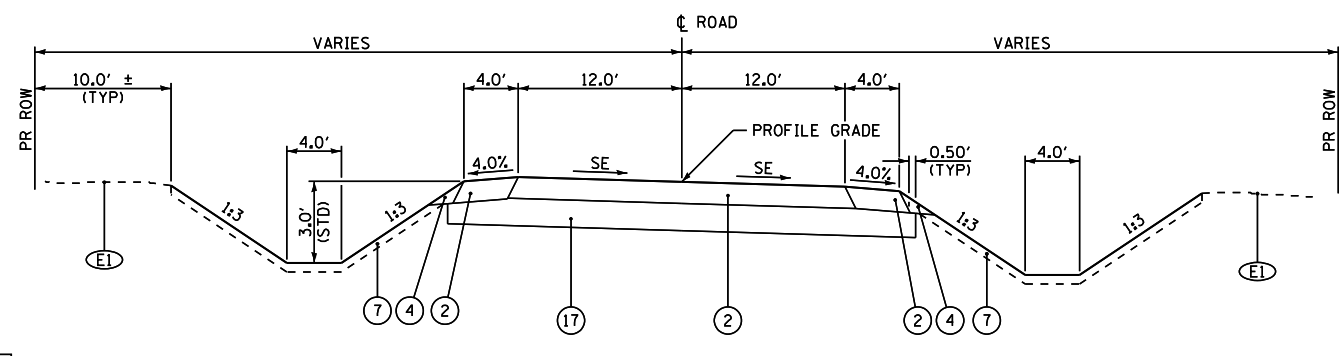
TR 255
STA 38+49.00 TO STA 39+47.00 SE ATTAINED
STA 39+47.00 TO STA 41+05.00 SE = 3.9%
STA 41+05.00 TO STA 41+85.00 SE REMOVED
STA 41+85.00 TO STA 42+03.00 SE REMOVED (BRIDGE OM.)
STA 43+75.00 TO STA 44+62.00 SE ATTAINED
STA 44+62.00 TO STA 46+60.00 SE=3.3%
STA 46+60.00 TO STA 47+47.00 SE REMOVED

TR 257
STA 52+18.42 TO STA 52+42.00 SE ATTAINED
STA 52+42.00 TO STA 53+75.00 SE = 3.7%
STA 53+75.00 TO STA 54+69.00 SE REMOVED
STA 54+69.00 TO STA 55+63.00 SE ATTAINED
STA 55+63.00 TO STA 56+97.00 SE=3.6%
STA 56+97.00 TO STA 57+90.00 SE REMOVED



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

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



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

TR 268
STA 18+74.00 TO STA 19+40.91
STA 20+64.79 TO STA 21+87.00

TR 257
STA 50+61.00 TO STA 51+48.00

SD 451 CONNECTOR
STA 8+91.00 TO STA 9+51.00*

TR 273
STA 17+82.97 TO STA 19+38.99
STA 21+61.01 TO STA 22+17.29

TR 243
STA 17+82.54 TO STA 19+39.00
STA 20+61.00 TO STA 22+17.46

* - LIME MODIFIED SOIL UNDER US 51 SHOULDERS TO CONTINUE THROUGH CONNECTOR

TR 255
STA 47+81.58 TO STA 49+39.00

SD 547 CONNECTOR
STA 48+92.77 TO STA 49+51.00*

TR 268
STA 18+01.24 TO STA 18+74.00 SE REMOVED
STA 21+87.00 TO STA 22+04.47 SE ATTAINED

TR 257
STA 51+48.00 TO STA 52+18.42 SE ATTAINED

LEGEND

- | | | |
|--|--|---|
| (E1) EXISTING GROUND | (E17) EXISTING PIPE UNDERDRAIN | (8) PIPE UNDERDRAINS, 4" (STD 601001) |
| (E2) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT | (E18) EXISTING FD HOT-MIX ASPHALT PAVEMENT, 13 3/4" | (9) AGGREGATE BASE COURSE, TYPE A, 10" |
| (E3) EXISTING PCC BASE COURSE, 8" | (R1) REMOVE EXISTING HMA SHOULDERS | (10) BITUMINOUS SURFACE TREATMENT CLASS A-3 |
| (E4) EXISTING PCC BASE COURSE WIDENING, 9" | (R2) REMOVE EXISTING HMA PAVEMENT, 13 3/4" AND HMA SHOULDERS, 8" | (11) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" |
| (E5) EXISTING HOT-MIX ASPHALT BASE COURSE, 10" | (R3) REMOVE EXISTING PAVEMENT, SHOULDERS, AND WIDENING | (12) HOT-MIX ASPHALT BASE COURSE, 10" (ANY WIDTH) |
| (E6) EXISTING HOT-MIX ASPHALT BINDER COURSE, 14 1/2" | (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4" [SEE MIXTURE REQUIREMENTS AND PAVING LIFT DIAGRAMS ON SHEET 3 FOR THE PAVEMENT COMPOSITION] | (13) HOT-MIX ASPHALT BASE COURSE, 9 1/2" (ANY WIDTH) |
| (E7) EXISTING HOT-MIX ASPHALT SURFACING, 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] | (14) HOT-MIX ASPHALT SURFACE REMOVAL, 2" |
| (E8) EXISTING HOT-MIX ASPHALT SURFACING, 3" | (30) HOT-MIX ASPHALT SHOULDERS 8" | (15) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2" |
| (E9) EXISTING HOT-MIX ASPHALT SURFACING, 3" - 6" | (3) HOT-MIX ASPHALT SHOULDERS 8" (WITH RUMBLE STRIPS, STD 642001) | (16) HOT-MIX ASPHALT BASE COURSE, 8 1/2" (ANY WIDTH) |
| (E10) EXISTING HOT-MIX ASPHALT SURFACING, VAR | (4) AGGREGATE SHOULDERS, TYPE B | (17) SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| (E11) EXISTING HOT-MIX ASPHALT SHOULDERS, 6" | (5) SUB-BASE GRANULAR MATERIAL, TYPE C | (18) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2 1/4" |
| (E12) EXISTING HOT-MIX ASPHALT SHOULDERS, 8" | (6) PROCESSING MODIFIED SOIL 12" (LIME) | (19) LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH (2 1/4" MAX) |
| (E13) EXISTING SUB-BASE GRANULAR MATERIAL, 4" | (7) TOPSOIL, 4" | (20) SUBBASE GRANULAR MATERIAL, TYPE A 12" |
| (E14) EXISTING LIME MODIFIED SOIL, 12" | | |
| (E15) EXISTING AGGREGATE SHOULDER, VAR | | |
| (E16) EXISTING EARTH FILL | | |

- (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 9 OF 12
FAP 322 (US 51)
SECTION 11-13
CHRISTIAN COUNTY

SCALE: NONE
DATE: 9/14/12
DRAWN BY: SEB
CHECKED BY: