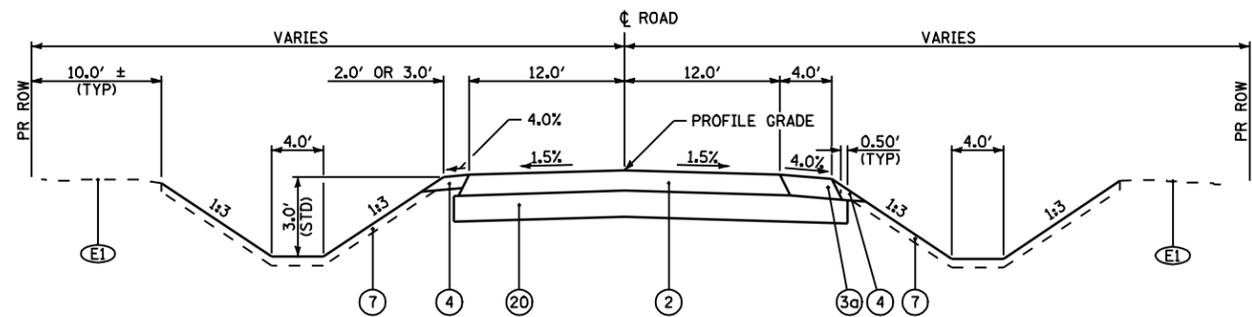
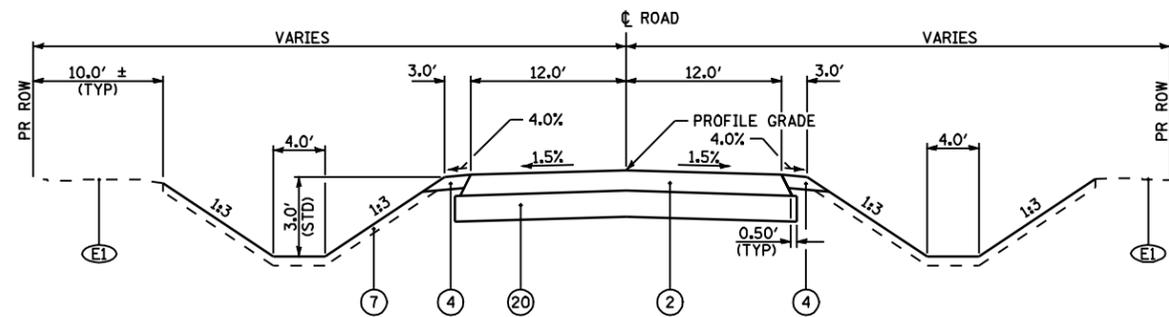


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-12	CHRISTIAN	284	40
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

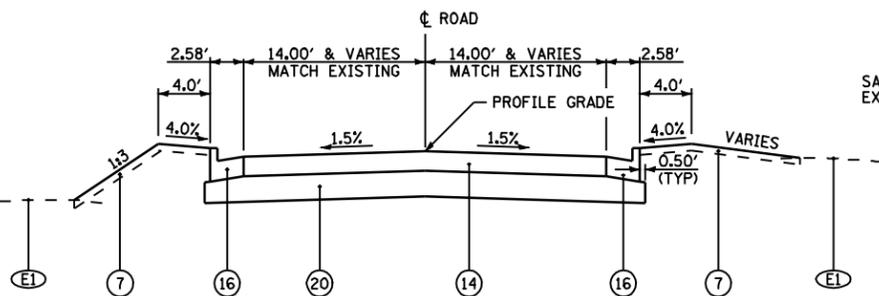
TR 193
STA 12+53.78 TO STA 15+13.59 (2.0' AGG SHOULDER)
TR 209
STA 51+95.40 TO STA 52+89.58 (3.0' AGG SHOULDER)



TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

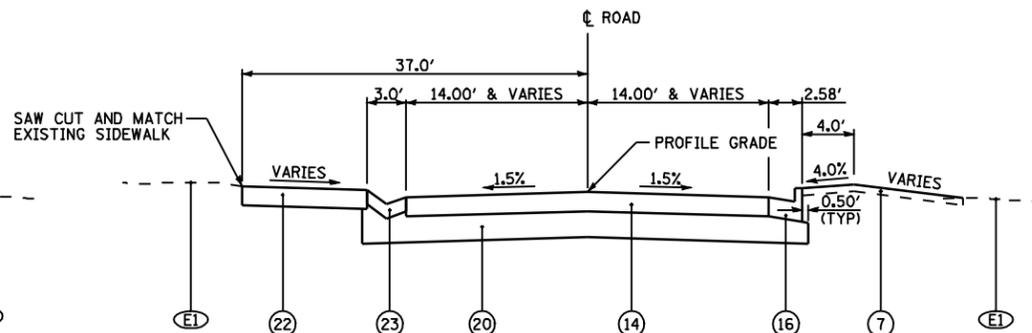
TR 209
STA 52+89.58 TO STA 55+00.00

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



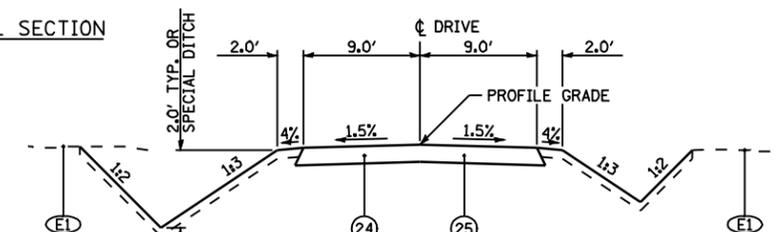
TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

ILLINOIS STREET
STA 44+70 TO STA 46+21



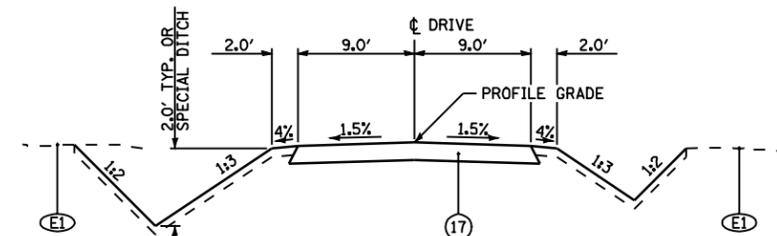
TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

ILLINOIS STREET
STA 46+21 TO STA 50+21.09



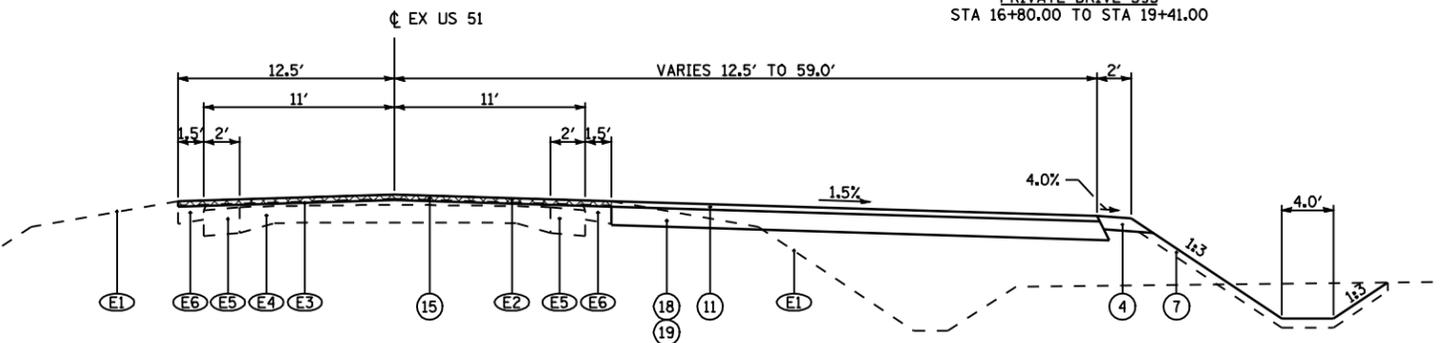
PRIVATE DRIVE TYPICAL SECTION

PRIVATE DRIVE 574
STA 45+90.00 TO STA 49+88.00



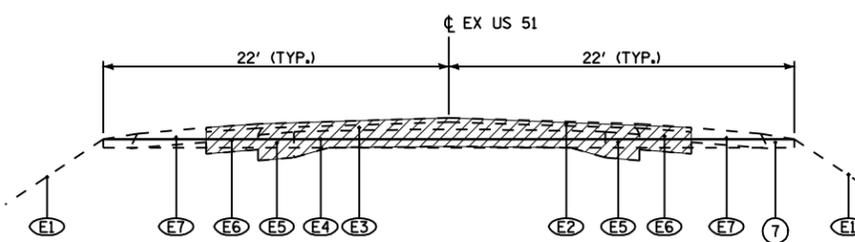
PRIVATE DRIVE TYPICAL SECTION

PRIVATE DRIVE 595
STA 16+80.00 TO STA 19+41.00



EXISTING US 51 TYPICAL SECTION

STA 473+74.00 TO STA 474+75.00



DEGRADING EXISTING US 51 TYPICAL SECTION

STA 488+00 TO STA 491+00
STA 609+10 TO STA 627+00

LEGEND

- | | |
|--|---|
| (E1) EXISTING GROUND | (13) HOT-MIX ASPHALT BASE COURSE 12" (WHEN WIDTH >= 6') |
| (E2) EXISTING HMA SURFACE, 1 1/2" | (14) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED), STD 420101 |
| (E3) EXISTING HMA SURFACE, VARIES 3" - 6" | (15) HOT-MIX ASPHALT SURFACE REMOVAL, 2" |
| (E4) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT | (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6-24, STD 606001 |
| (E5) EXISTING PCC BASE COURSE WIDENING, 9" | (17) AGGREGATE SURFACE COURSE, TYPE A, 6" |
| (E6) EXISTING HMA SHOULDERS, 8" WITH OVERLAY | (18) HOT-MIX ASPHALT BASE COURSE WIDENING, 9" (WHEN WIDTH < 6') |
| (E7) EXISTING AGGREGATE SHOULDERS, VARIABLE DEPTH | (19) HOT-MIX ASPHALT BASE COURSE 8 1/2" (WHEN WIDTH >= 6') |
| (E8) EXISTING HMA SHOULDERS, 8" | (20) AGGREGATE BASE COURSE, TYPE A, 8" |
| (E9) EXISTING PIPE UNDERDRAINS | (21) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" |
| (E10) EXISTING HMA PAVEMENT, 1 3/4" | (22) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH |
| (R1) REMOVE EXISTING HMA SHOULDERS | (23) CONCRETE GUTTER, TYPE A |
| (R2) REMOVE EXISTING HMA PAVEMENT, 1 3/4" AND HMA SHOULDERS, 8" | (24) AGGREGATE BASE COURSE, TYPE A, 6" |
| (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 1 3/4" [SEE MIXTURE REQUIREMENTS AND PAVING LIFT DIAGRAMS ON SHEET 3 FOR THE PAVEMENT COMPOSITION] | (25) BITUMINOUS SURFACE TREATMENT CLASS A-2 |
| (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9/4" [SEE MIXTURE REQUIREMENTS AND PAVING LIFT DIAGRAMS ON SHEET 3 FOR THE PAVEMENT COMPOSITION] | (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%. |
| (30) HOT-MIX ASPHALT SHOULDERS 9/4" | (B) SHOULDER SLOPE - LOW SIDE OF SE: SLOPE SHALL BE THE SAME AS THE SE BUT NOT LESS THAN 4%. |
| (3) HOT-MIX ASPHALT SHOULDERS 8" (WITH RUMBLE STRIPS, STD 642001) | (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%. |
| (4) AGGREGATE SHOULDERS, TYPE B | (D) TURN LANE SLOPE - LOW SIDE OF SE: SLOPE SHALL BE THE SAME AS THE SE BUT NOT LESS THAN 2%. |
| (5) SUB-BASE GRANULAR MATERIAL, TYPE C | |
| (6) PROCESSING LIME MODIFIED SOILS, 12" | |
| (7) TOPSOIL FURNISH AND PLACE, 4" | |
| (8) PIPE UNDERDRAINS, 4" (STD 601001) | |
| (9) AGGREGATE BASE COURSE, TYPE A, 10" | |
| (10) BITUMINOUS SURFACE TREATMENT CLASS A-3 | |
| (11) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" | |
| (12) HOT-MIX ASPHALT BASE COURSE WIDENING, 1 3/4" (WHEN WIDTH < 6') | |

REVISIONS	
NAME	DATE

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

SCALE: NONE
DATE: 8/22/06

DRAWN BY: SEB
CHECKED BY: TLD