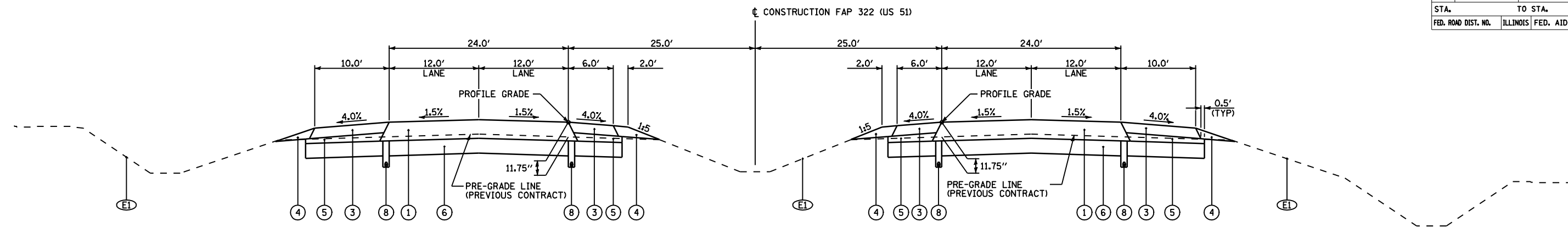
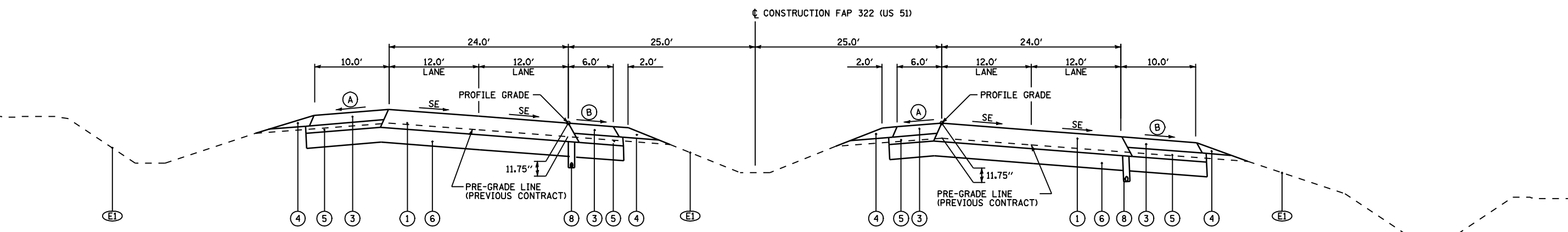


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-12	CHRISTIAN	284	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



FAP 322 (US 51) TYPICAL SECTION - PRE-GRADED

STA 695+00.00 TO STA 734+78.29 NB & SB LANES
 STA 749+00.36 TO STA 752+61.00 NB & SB LANES
 STA 773+47.00 TO STA 775+00.00 NB LANES



FAP 322 (US 51) TYPICAL SUPERELEVATED SECTION - PRE-GRADED

STA 752+61.00 TO STA 754+91.00 SE ATTAINED NB & SB LANES
 STA 754+91.00 TO STA 762+00.00 SE = 4.2% NB & SB LANES
 STA 762+00.00 TO STA 771+17.00 SE = 4.2% NB LANES
 STA 771+17.00 TO STA 773+47.00 SE REMOVED NB LANES

LEGEND

- | | | | |
|--|---|---|---|
| <ul style="list-style-type: none"> (E1) EXISTING GROUND (E2) EXISTING HMA SURFACE, 1 1/2" (E3) EXISTING HMA SURFACE, VARIES 3" - 6" (E4) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT (E5) EXISTING PCC BASE COURSE WIDENING, 9" (E6) EXISTING HMA SHOULDERS, 8" WITH OVERLAY (E7) EXISTING AGGREGATE SHOULDERS, VARIABLE DEPTH (E8) EXISTING HMA SHOULDERS, 8" (E9) EXISTING PIPE UNDERDRAINS (E10) EXISTING HMA PAVEMENT, 13 3/4" (R1) REMOVE EXISTING HMA SHOULDERS (R2) REMOVE EXISTING HMA PAVEMENT, 13 3/4" AND HMA SHOULDERS, 8" | <ul style="list-style-type: none"> (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4" [SEE MIXTURE REQUIREMENTS AND PAVING LIFT DIAGRAMS ON SHEET 3 FOR THE PAVEMENT COMPOSITION] (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/4" [SEE MIXTURE REQUIREMENTS AND PAVING LIFT DIAGRAMS ON SHEET 3 FOR THE PAVEMENT COMPOSITION] (3) HOT-MIX ASPHALT SHOULDERS, 8" (WITH RUMBLE STRIPS, STD 642001) (4) AGGREGATE SHOULDERS, TYPE B (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) | <ul style="list-style-type: none"> (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, 12" (WHEN WIDTH < 6') (13) HOT-MIX ASPHALT BASE COURSE, 11 3/4" (WHEN WIDTH >= 6') (14) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED), STD 420101 (15) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, STD 606001 (17) AGGREGATE SURFACE COURSE, TYPE A, 6" (18) HOT-MIX ASPHALT BASE COURSE WIDENING, 9" (WHEN WIDTH < 6') (19) HOT-MIX ASPHALT BASE COURSE, 8 1/2" (WHEN WIDTH >= 6') (20) AGGREGATE BASE COURSE, TYPE A, 8" (21) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" | <ul style="list-style-type: none"> (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 2 OF 9
 FAP 322 (US 51)
 SECTION 11-12
 CHRISTIAN COUNTY

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

8/22/06 11:54:59 AM