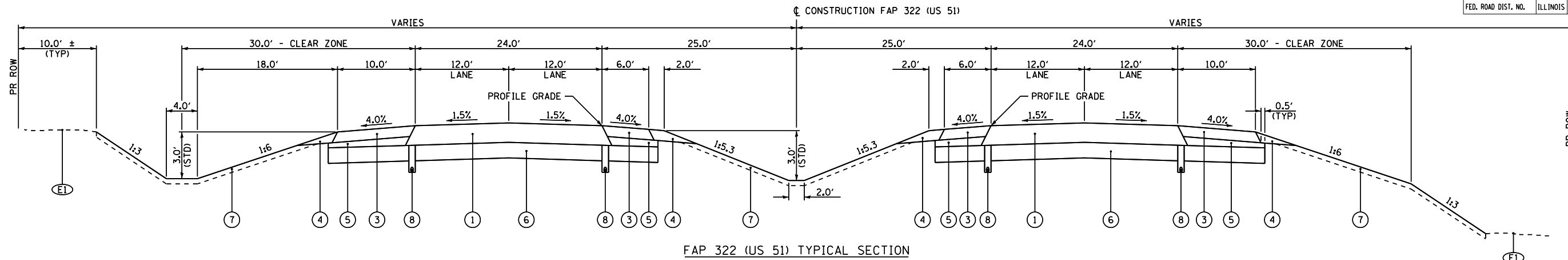


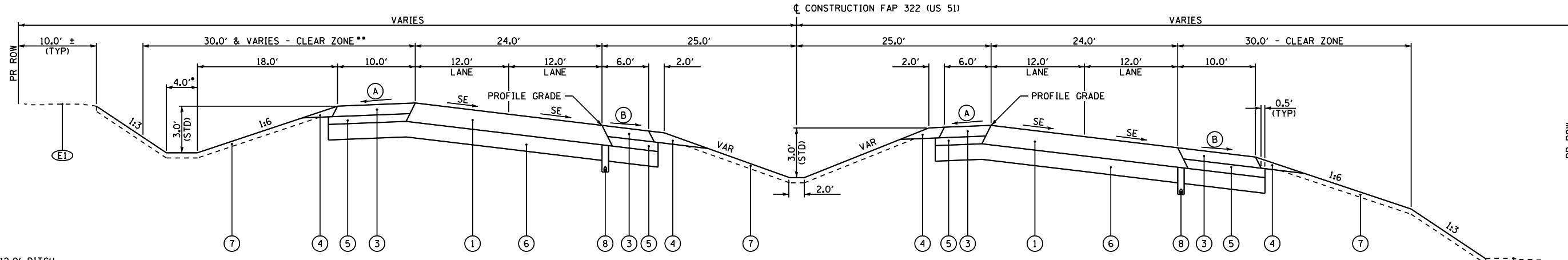
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-13	CHRISTIAN	437	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FAP 322 (US 51) TYPICAL SECTION

STA 331+00.00 TO STA 342+99.00 SB LANES
 STA 340+50.00 TO STA 342+99.00 NB LANES
 STA 358+99.00 TO STA 360+61.00 NB & SB LANES
 STA 372+85.00 TO STA 469+28.72 NB & SB LANES (SEE STATION EQUATIONS)
 STA 469+28.72 TO STA 471+11.30 NB & SB LANES (BRIDGE OMISSION)
 STA 471+11.30 TO STA 555+00.00 NB & SB LANES
 STA 555+00.00 TO STA 564+66.00 SB LANES

STATION EQUATION:
 STA 402+36.99 BK =
 STA 100+00.00 AH
 STATION EQUATION:
 STA 101+20.13 BK =
 STA 403+28.42 AH



FAP 322 (US 51) TYPICAL SUPERELEVATED SECTION

STA 342+99.00 TO STA 345+77.00 SE ATTAINED NB & SB LANES
 STA 345+77.00 TO STA 348+00.00 SE = 5.3% NB & SB LANES
 STA 348+00.00 TO STA 356+21.00 SE = 5.3% NB & SB LANES
 STA 356+21.00 TO STA 358+99.00 SE REMOVED NB & SB LANES
 STA 360+61.00 TO STA 363+66.00 SE ATTAINED NB & SB LANES
 STA 363+66.00 TO STA 369+80.00 SE = 5.9% NB & SB LANES
 STA 369+80.00 TO STA 372+85.00 SE REMOVED NB & SB LANES

- 12.0' DITCH:
 STA 361+30 TO STA 366+53 LT
 STA 367+80 TO STA 388+56 RT
- CLEAR ZONE WIDENING:
 STA 361+30 TO STA 368+74 39.0'
 STA 368+74 TO STA 370+69 TRANSITION 39.0' TO 30.0'

LEGEND

(E1) EXISTING GROUND	(E17) EXISTING PIPE UNDERDRAIN	(8) PIPE UNDERDRAINS, 4" (STD 601001)	(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%.
(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"	(B) SHOULDER SLOPE - LOW SIDE OF SE; SLOPE SHALL BE THE SAME AS THE SE BUT NOT LESS THAN 4%.
(E3) EXISTING PCC BASE COURSE, 8"	(R1) REMOVE EXISTING HMA SHOULDERS	(10) BITUMINOUS SURFACE TREATMENT CLASS A-3	(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%.
(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"	(D) TURN LANE SLOPE - LOW SIDE OF SE; SLOPE SHALL BE THE SAME AS THE SE BUT NOT LESS THAN 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) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH (2 1/4" MIN)	
(E14) EXISTING LIME MODIFIED SOIL, 12"			
(E15) EXISTING AGGREGATE SHOULDER, VAR			
(E16) EXISTING EARTH FILL			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 SHEET 4 OF 12
 FAP 322 (US 51)
 SECTION 11-13
 CHRISTIAN COUNTY

SCALE: NONE
 DATE: 7/31/12
 DRAWN BY: SEB
 CHECKED BY:

NOT TO SCALE

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