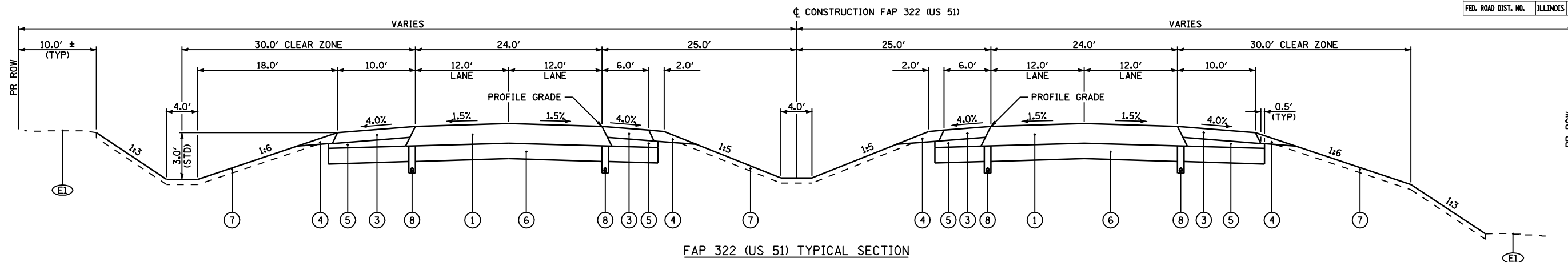
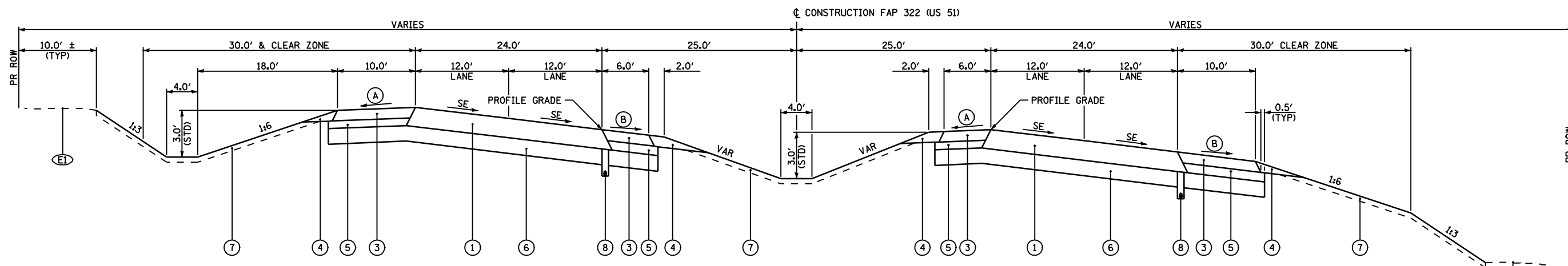


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-12	CHRISTIAN	284	32
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FAP 322 (US 51) TYPICAL SECTION

STA 555+00.00 TO STA 564+66.00	NB LANES (W/O MEDIAN SHOULDER)
STA 564+66.00 TO STA 567+63.00	NB & SB LANES (W/O NB MEDIAN SHOULDER)
STA 567+63.00 TO STA 589+20.00	NB & SB LANES
STA 611+57.00 TO STA 644+65.00	NB & SB LANES
STA 667+55.00 TO STA 695+00.00	NB & SB LANES
STA 773+47.00 TO STA 778+00.00	SB LANES



FAP 322 (US 51) TYPICAL SUPERELEVATED SECTION

STA 589+20.00 TO STA 591+50.00	SE ATTAINED	NB & SB LANES
STA 591+50.00 TO STA 609+27.00	SE = 4.2%	NB & SB LANES
STA 609+27.00 TO STA 611+57.00	SE REMOVED	NB & SB LANES
STA 644+65.00 TO STA 647+43.00	SE ATTAINED	NB & SB LANES
STA 647+43.00 TO STA 664+77.00	SE = 5.3%	NB & SB LANES
STA 664+77.00 TO STA 667+55.00	SE REMOVED	NB & SB LANES
STA 762+00.00 TO STA 771+17.00	SE = 4.2%	SB LANES
STA 771+17.00 TO STA 773+47.00	SE REMOVED	SB LANES

LEGEND

- | | |
|--|--|
| (E1) EXISTING GROUND | (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4" |
| (E2) EXISTING HMA SURFACE, 1 1/2" | (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/4" |
| (E3) EXISTING HMA SURFACE, VARIES 3" - 6" | (3a) HOT-MIX ASPHALT SHOULDERS, 8" |
| (E4) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT | (3) HOT-MIX ASPHALT SHOULDERS, 8" (WITH RUMBLE STRIPS, STD 642001) |
| (E5) EXISTING PCC BASE COURSE WIDENING, 9" | (4) AGGREGATE SHOULDERS, TYPE B |
| (E6) EXISTING HMA SHOULDERS, 8" WITH OVERLAY | (5) SUB-BASE GRANULAR MATERIAL, TYPE C |
| (E7) EXISTING AGGREGATE SHOULDERS, VARIABLE DEPTH | (6) PROCESSING LIME MODIFIED SOILS, 12" |
| (E8) EXISTING HMA SHOULDERS, 8" | (7) TOPSOIL FURNISH AND PLACE, 4" |
| (E9) EXISTING PIPE UNDERDRAINS | (8) PIPE UNDERDRAINS, 4" (STD 601001) |
| (E10) EXISTING HMA PAVEMENT, 13 3/4" | (9) AGGREGATE BASE COURSE, TYPE A, 10" |
| (R1) REMOVE EXISTING HMA SHOULDERS | (10) BITUMINOUS SURFACE TREATMENT CLASS A-3 |
| (R2) REMOVE EXISTING HMA PAVEMENT, 13 3/4" AND HMA SHOULDERS, 8" | (11) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" |

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| (12) HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (WHEN WIDTH < 6') | (17) AGGREGATE SURFACE COURSE, TYPE A, 6" |
| (13) HOT-MIX ASPHALT BASE COURSE, 1 1/2" (WHEN WIDTH >= 6') | (18) HOT-MIX ASPHALT BASE COURSE WIDENING, 9" (WHEN WIDTH < 6') |
| (14) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED), STD 420101 | (19) HOT-MIX ASPHALT BASE COURSE, 8 1/2" (WHEN WIDTH >= 6') |
| (15) HOT-MIX ASPHALT SURFACE REMOVAL, 2" | (20) AGGREGATE BASE COURSE, TYPE A, 8" |
| (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, STD 606001 | (21) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" |

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|---|
| (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 1 OF 9
 FAP 322 (US 51)
 SECTION 11-12
 CHRISTIAN COUNTY

SCALE: NONE
 DATE: 8/22/06

DRAWN BY: SEB
 CHECKED BY: TLD

Mo-15-2018 014454774H

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