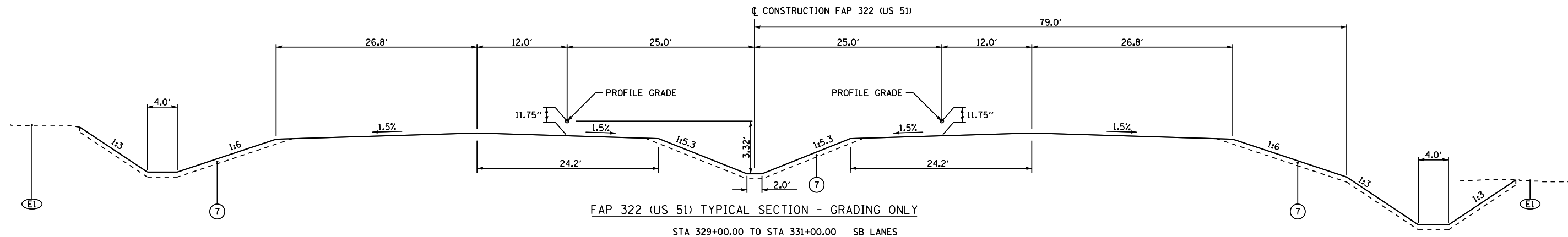


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-13	CHRISTIAN	437	49
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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