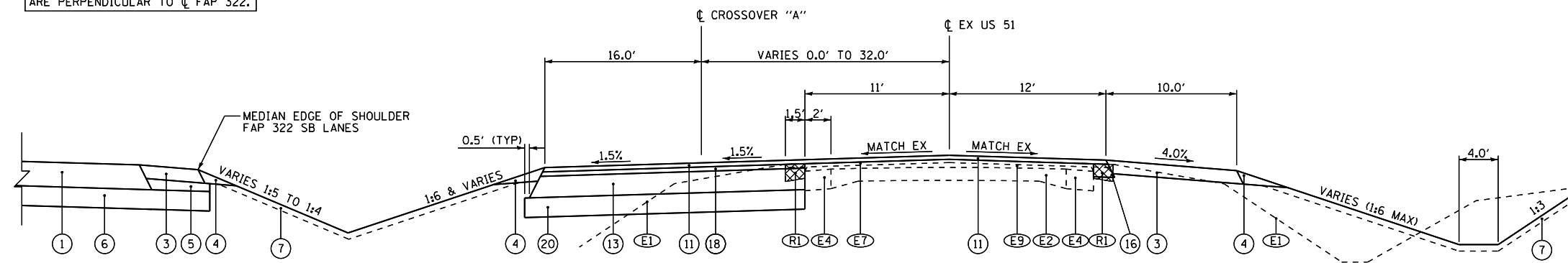
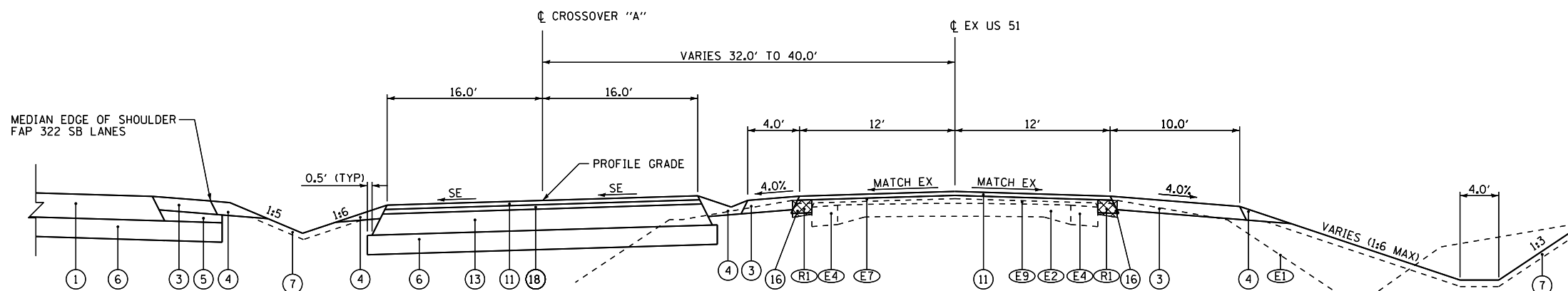


|                     |         |           |                  |           |
|---------------------|---------|-----------|------------------|-----------|
| F.A.P. RTE.         | SECTION | COUNTY    | TOTAL SHEETS     | SHEET NO. |
| 322                 | 11-13   | CHRISTIAN | 437              | 53        |
| STA.                |         | TO STA.   |                  |           |
| FED. ROAD DIST. NO. |         | ILLINOIS  | FED. AID PROJECT |           |

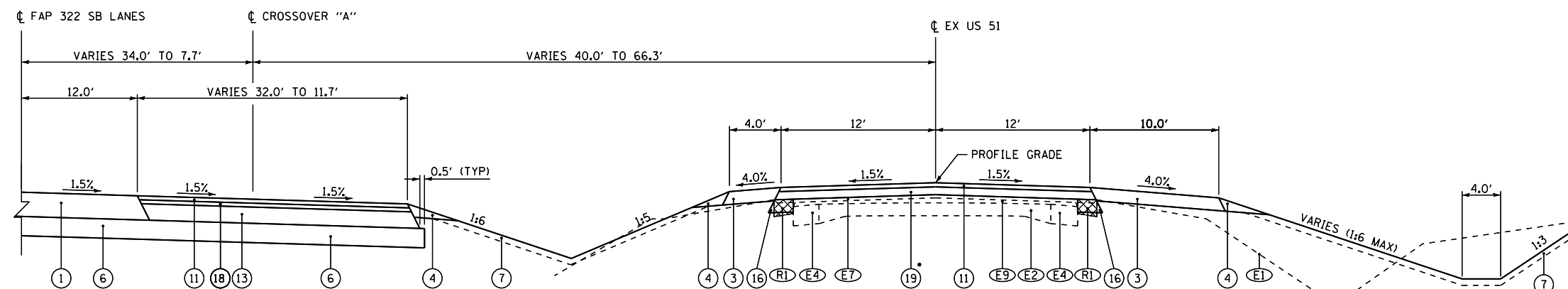
NOTE:  
DISTANCES BETWEEN ALIGNMENTS  
ARE PERPENDICULAR TO C FAP 322.



CROSSOVER "A" / EX US 51 TYPICAL SECTION  
CROSSOVER "A": STA 50+00.00 TO STA 57+15.07 EX US 51: STA 200+31.86 TO STA 207+47.40



CROSSOVER "A" / EX US 51 TYPICAL SECTION  
CROSSOVER "A": STA 57+15.07 TO STA 58+02.34 SE TRANSITION EX US 51: STA 207+47.40 TO STA 208+31.39



CROSSOVER "A" / EX US 51 TYPICAL SECTION  
CROSSOVER "A": STA 58+02.34 TO STA 61+86.39 EX US 51: STA 208+31.39 TO STA 212+18.91

\* - PROFILE GRADE AND EX HMA SHLD REMOVAL  
BEGINS AT STATION 209+00.00.

LEGEND

- (E1) EXISTING GROUND
- (E2) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT
- (E3) EXISTING PCC BASE COURSE, 8"
- (E4) EXISTING PCC BASE COURSE WIDENING, 9"
- (E5) EXISTING HOT-MIX ASPHALT BASE COURSE, 10"
- (E6) EXISTING HOT-MIX ASPHALT BINDER COURSE, 1 1/2"
- (E7) EXISTING HOT-MIX ASPHALT SURFACING, 1 1/2"
- (E8) EXISTING HOT-MIX ASPHALT SURFACING, 3"
- (E9) EXISTING HOT-MIX ASPHALT SURFACING, 3" - 6"
- (E10) EXISTING HOT-MIX ASPHALT SURFACING, VAR
- (E11) EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
- (E12) EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- (E13) EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- (E14) EXISTING LIME MODIFIED SOIL, 12"
- (E15) EXISTING AGGREGATE SHOULDER, VAR
- (E16) EXISTING EARTH FILL
- (E17) EXISTING PIPE UNDERDRAIN
- (E18) EXISTING FD HOT-MIX ASPHALT PAVEMENT, 13 3/4"
- (R1) REMOVE EXISTING HMA SHOULDERS
- (R2) REMOVE EXISTING HMA PAVEMENT, 13 3/4" AND HMA SHOULDERS, 8"
- (R3) REMOVE EXISTING PAVEMENT, SHOULDERS, AND WIDENING
- (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]
- (3a) HOT-MIX ASPHALT SHOULDERS 8"
- (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 MODIFIED SOIL 12" (LIME)
- (7) TOPSOIL, 4"
- (8) PIPE UNDERDRAINS, 4" (STD 601001)
- (9) AGGREGATE BASE COURSE, TYPE A, 10"
- (10) BITUMINOUS SURFACE TREATMENT CLASS A-3
- (11) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (12) HOT-MIX ASPHALT BASE COURSE, 10" (ANY WIDTH)
- (13) HOT-MIX ASPHALT BASE COURSE, 9 1/2" (ANY WIDTH)
- (14) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (15) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2"
- (16) HOT-MIX ASPHALT BASE COURSE, 8 1/2" (ANY WIDTH)
- (17) SUBBASE GRANULAR MATERIAL, TYPE A 8"
- (18) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2 1/4"
- (19) LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH (2 1/4" MAX)
- (20) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH (2 1/4" MIN)
- (20) SUBBASE GRANULAR MATERIAL, TYPE A 12"
- (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%.

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
SHEET 7 OF 12  
FAP 322 (US 51)  
SECTION 11-13  
CHRISTIAN COUNTY

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

NOT TO SCALE

D:\01\Files\010325\1 SOUTH PLANS NEW\CA00 - Sheets\06\2961-ah-typical\_section.dgn 10/19/2012