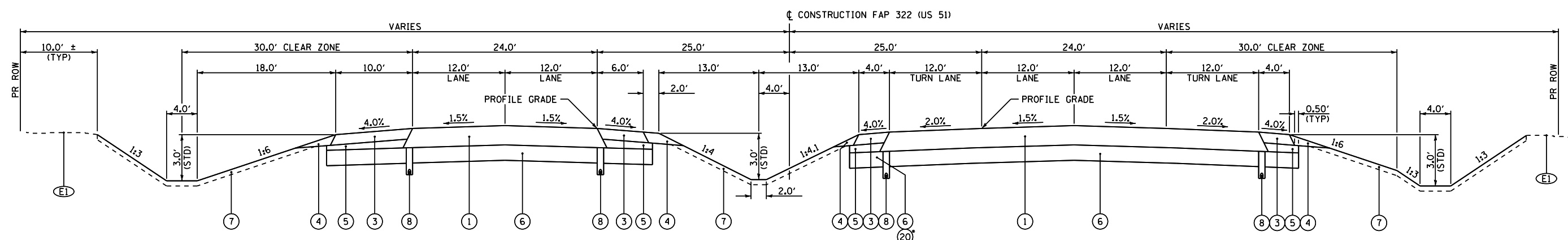
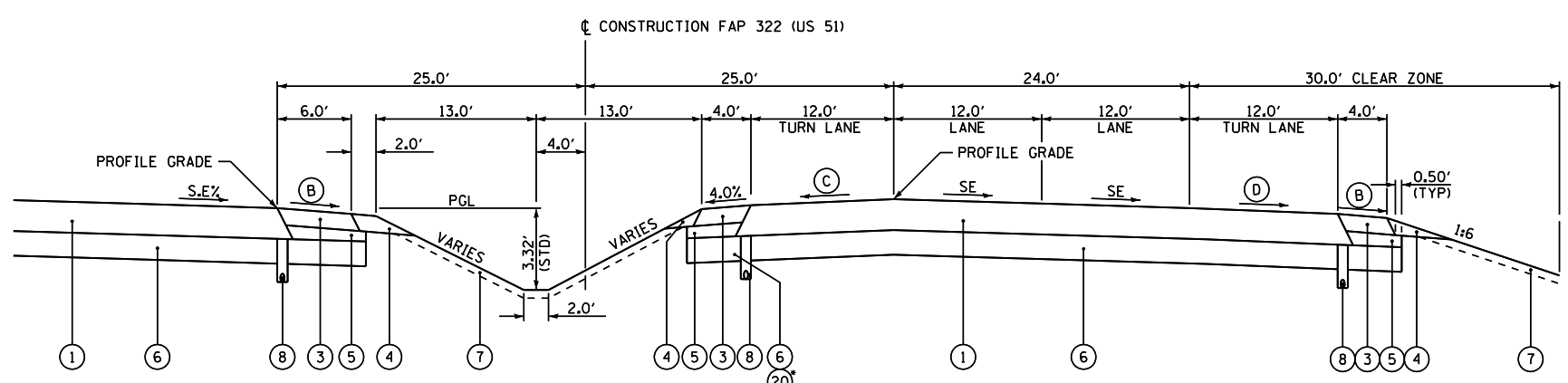


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|---------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 322 | 11-13 | CHRISTIAN | 437 | 52 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



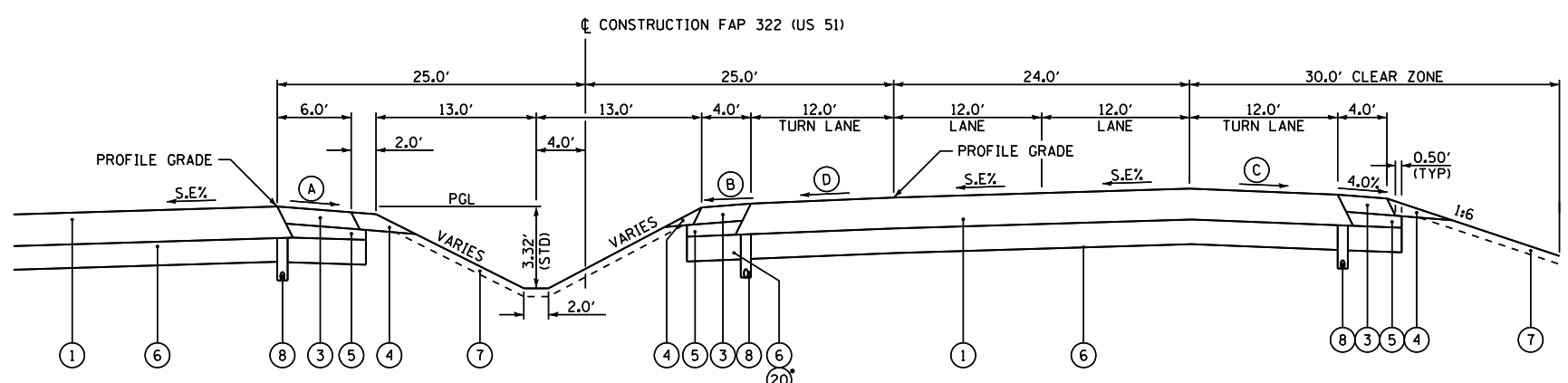
• - SUBBASE GRANULAR MATERIAL, TYPE A 12" REQUIRED FOR STAGE CONSTRUCTION AT:
 STA 360+65.3 TO 368+00.0 SB RT TURN LANE
 STA 414+27.2 TO 420+75.0 SB RT TURN LANE

FAP 322 (US 51) TYPICAL SECTION WITH RT AND LT TURN LANES



FAP 322 (US 51) TYPICAL SUPERELEVATED SECTION WITH RT AND LT TURN LANES

LT TURN LANE ON HIGH SIDE
 RT TURN LANE ON LOW SIDE



FAP 322 (US 51) TYPICAL SUPERELEVATED SECTION WITH RT AND LT TURN LANES

LT TURN LANE ON LOW SIDE
 RT TURN LANE ON HIGH SIDE

LEGEND

| | |
|--|---|
| ① HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH, 13 3/4" [SEE MIXTURE REQUIREMENTS AND PAVING LIFT DIAGRAMS ON SHEET 3 FOR THE PAVEMENT COMPOSITION]) | Ⓔ 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]) | Ⓕ EXISTING HOT-MIX ASPHALT SURFACING, 3" |
| ③⑩ HOT-MIX ASPHALT SHOULDERS 8" | Ⓖ EXISTING HOT-MIX ASPHALT SURFACING, 3" - 6" |
| ④ AGGREGATE SHOULDERS, TYPE B | Ⓗ EXISTING HOT-MIX ASPHALT SURFACING, VAR |
| ⑤ SUB-BASE GRANULAR MATERIAL, TYPE C | Ⓘ EXISTING HOT-MIX ASPHALT SHOULDERS, 6" |
| ⑥ PROCESSING MODIFIED SOIL 12" (LIME) | Ⓛ EXISTING HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑦ TOPSOIL, 4" | Ⓜ EXISTING SUB-BASE GRANULAR MATERIAL, 4" |
| ⑧ PIPE UNDERDRAINS, 4" (STD 601001) | Ⓨ EXISTING LIME MODIFIED SOIL, 12" |
| ⑨ AGGREGATE BASE COURSE, TYPE A, 10" | Ⓩ EXISTING AGGREGATE SHOULDER, VAR |
| ⑩ BITUMINOUS SURFACE TREATMENT CLASS A-3 | ⓐ EXISTING EARTH FILL |
| ⑪ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" | ⓑ EXISTING PIPE UNDERDRAIN |
| ⑫ HOT-MIX ASPHALT BASE COURSE, 10" (ANY WIDTH) | Ⓒ EXISTING FD HOT-MIX ASPHALT PAVEMENT, 13 3/4" |
| ⑬ HOT-MIX ASPHALT BASE COURSE, 9 1/2" (ANY WIDTH) | Ⓓ REMOVE EXISTING HMA SHOULDERS |
| ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, 2" | Ⓔ REMOVE EXISTING HMA PAVEMENT, 13 3/4" AND HMA SHOULDERS, 8" |
| ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2" | ⓓ REMOVE EXISTING PAVEMENT, SHOULDERS, AND WIDENING |
| 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" | |
| ⑳ 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" | |

Ⓐ 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%.

Ⓑ SHOULDER SLOPE - LOW SIDE OF SE; SLOPE SHALL BE THE SAME AS THE SE BUT NOT LESS THAN 4%.

Ⓒ 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%.

Ⓓ 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 |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 SHEET 6 OF 12
 FAP 322 (US 51)
 SECTION 11-13
 CHRISTIAN COUNTY

SCALE: NONE
 DATE: 7/31/12

DRAWN BY: SEB
 CHECKED BY:

10/5/2012

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