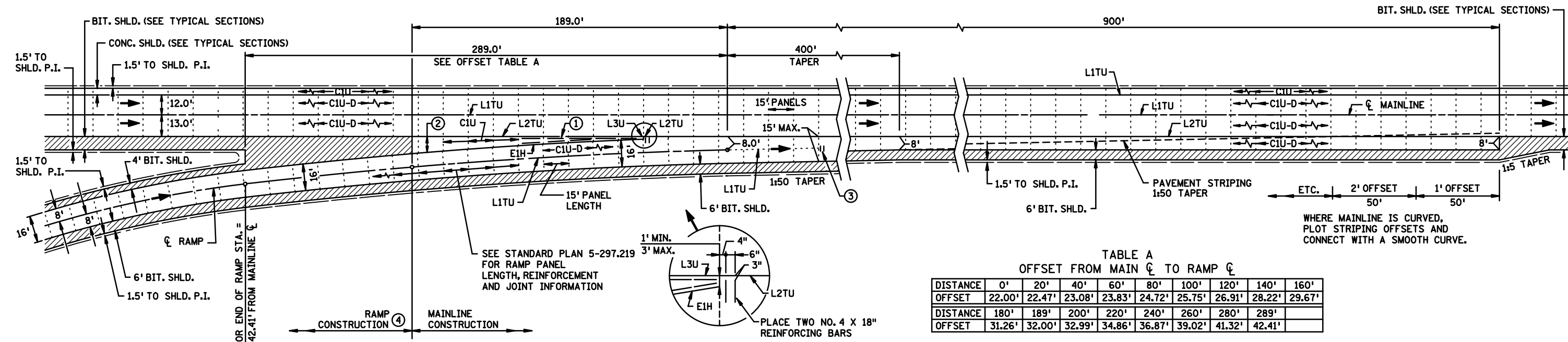


**DECELERATION LANE**



**ACCELERATION LANE**

$\Delta = 6^\circ 56' 33''$  BETWEEN TANGENT OF RAMP CURVE AND TANGENT OF MAINLINE AT THE 42.41' POINT.

**TABLE A  
OFFSET FROM MAIN  $\phi$  TO RAMP  $\phi$**

|          |        |        |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| DISTANCE | 0'     | 20'    | 40'    | 60'    | 80'    | 100'   | 120'   | 140'   | 160'   |
| OFFSET   | 22.00' | 22.47' | 23.08' | 23.83' | 24.72' | 25.75' | 26.91' | 28.22' | 29.67' |
| DISTANCE | 180'   | 189'   | 200'   | 220'   | 240'   | 260'   | 280'   | 289'   |        |
| OFFSET   | 31.26' | 32.00' | 32.99' | 34.86' | 36.87' | 39.02' | 41.32' | 42.41' |        |

**CONSTRUCTION NOTES:**

CONSTRUCT THE ACCELERATION AND DECELERATION LANES, INCLUDING TAPERS (PAVEMENT AND BASE THICKNESS, PANEL LENGTHS, JOINTS, AND REINFORCEMENT), THE SAME AS THE MAINLINE, EXCEPT WHERE NOTED OTHERWISE.

PROVIDE EPOXY-COATED TIE BARS IN ACCORDANCE WITH SPEC. 3301.

LANE AND SHOULDER WIDTHS MAY VARY FROM AS SHOWN. SEE CONSTRUCTION PLANS FOR ACTUAL PROPOSED WIDTHS.

① IN GORE AREAS 6 FEET WIDE OR LESS, MAKE THE PAVEMENT AND BASE THICKNESS THE SAME AS THE MAINLINE. EXTEND THE ADJACENT MAINLINE CIU-D JOINTS THROUGH THE GORE AREA AS CIU JOINTS. PLACE A NO. 4 REINFORCEMENT BAR 4 INCHES FROM AND ALONG EACH SIDE OF THE GORE TAPER. WHEN GORE AREAS ARE GREATER THAN 6 FEET WIDE, TIE THE MAINLINE TO THE GORE WITH AN L2TU JOINT.

② CONSTRUCT 15-FOOT PANELS (MAINLINE THICKNESS) WHEN GORE WIDTH IS 6 FEET OR GREATER. SEPARATE THIS AREA FROM OTHER CONCRETE PAVEMENT WITH AN E1H JOINT. WHEN THE WIDTH EXCEEDS 15 FEET, CONSTRUCT ONE L1U RELIEF JOINT.

③ PLACE TWO NO. 4 X 18" REINFORCING BARS AT ENDS OF LONGITUDINAL JOINTS, SPACED 4" AND 10" FROM JOINT.

④ TRANSITION THE MAINLINE THICKNESS OVER TWO RAMP PANELS TO THE RAMP THICKNESS.

|                              |   |  |                      |   |                 |              |
|------------------------------|---|--|----------------------|---|-----------------|--------------|
| LEAD EXPERT OFFICE           | GLENN ENGSTROM<br>DIRECTOR<br>OFFICE OF MATERIALS & ROAD RESEARCH | ACCELERATION AND DECELERATION LANE (OPEN)<br>CONCRETE PAVEMENT<br>15-FOOT PANEL LENGTH | APPROVED: 10-03-2022 | <br>THOMAS STYRBICKI<br>STATE DESIGN ENGINEER | STANDARD PLAN   | 1 OF 1       |
|                              |   |  | REVISED:             |   | 5-297.209       |              |
| DEPARTMENT OF TRANSPORTATION |   | STANDARD PLAN  |                      |   | STATE PROJ. NO. | SHEET NO.    |
|                              |   |  |                      |   | TRUNK HWY.      | TOTAL SHEETS |