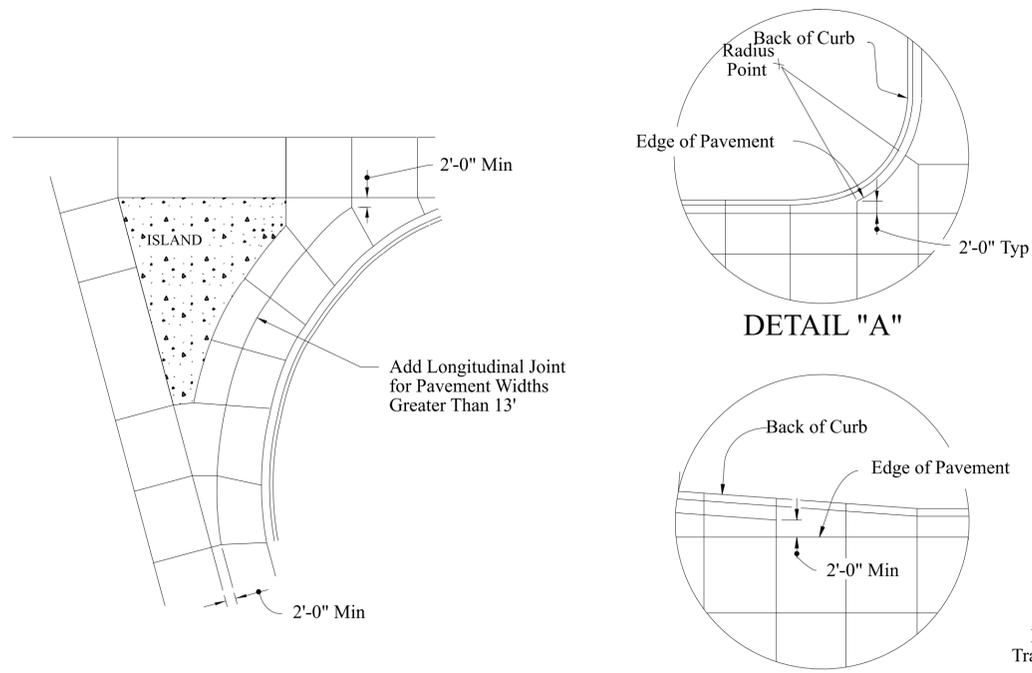
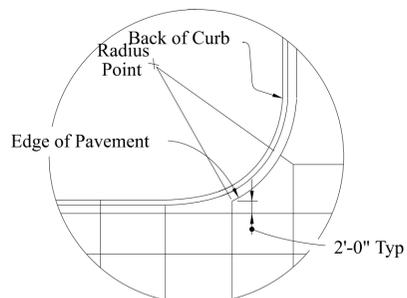


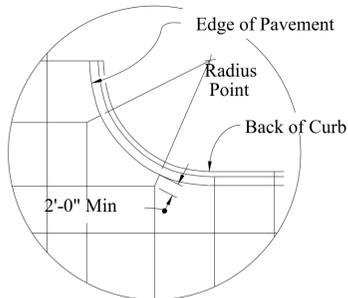
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO



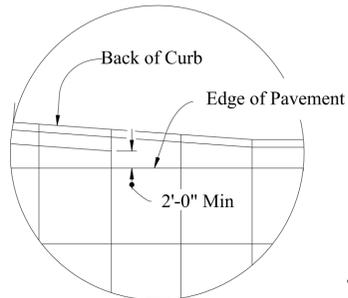
LARGE RIGHT TURN



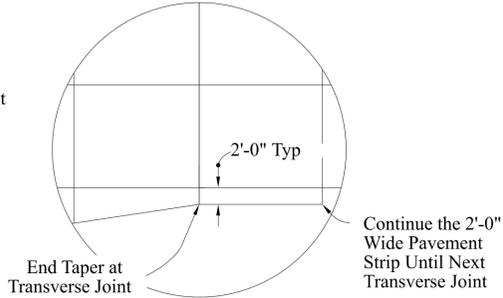
DETAIL "A"



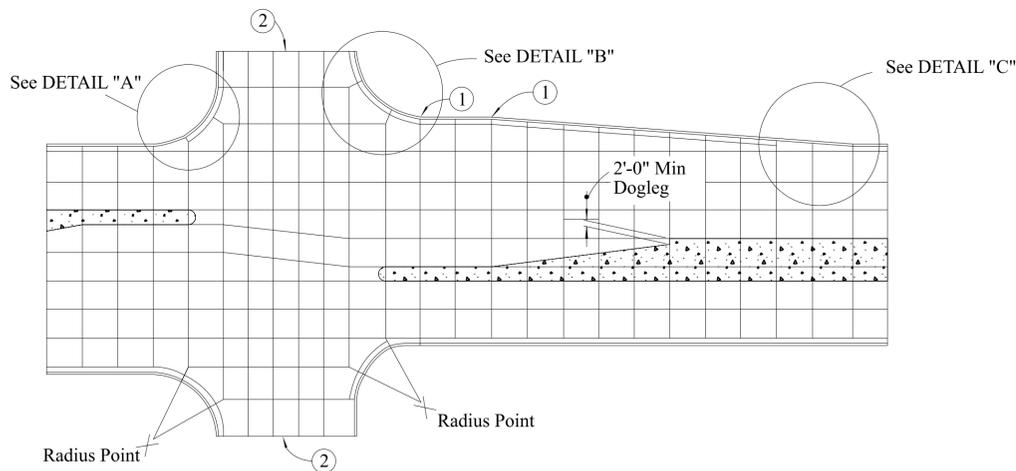
DETAIL "B"



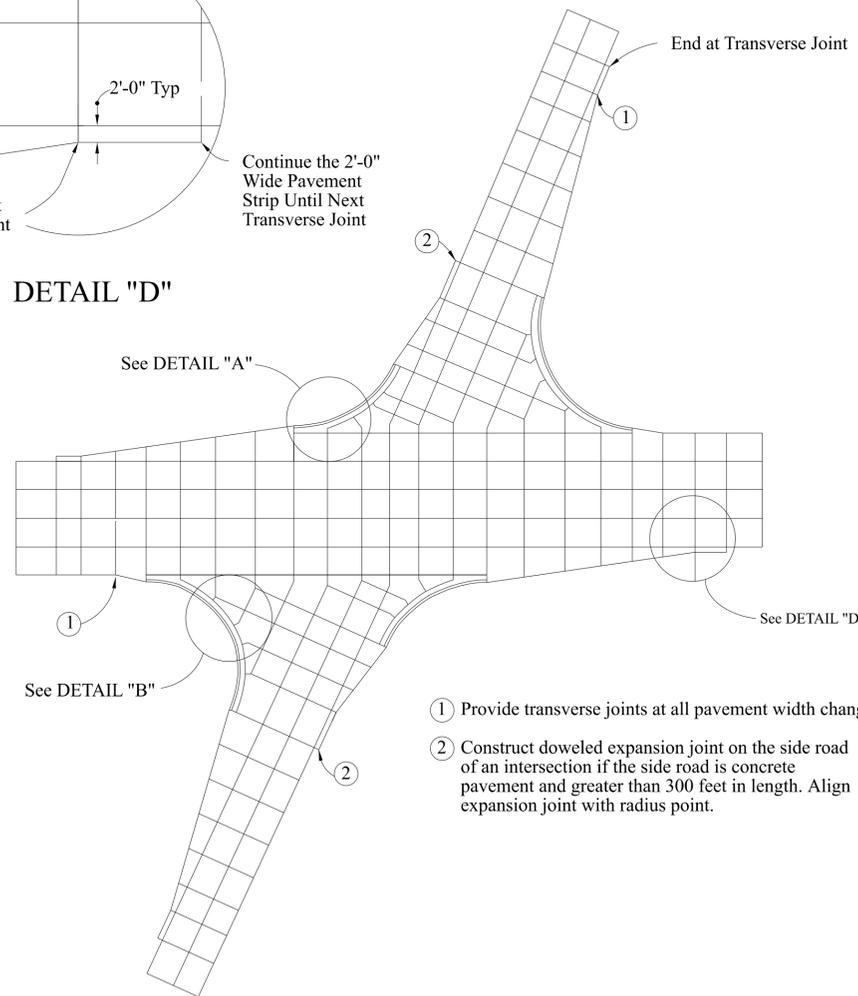
DETAIL "C"



DETAIL "D"



STANDARD INTERSECTION



SKewed INTERSECTION

- ① Provide transverse joints at all pavement width changes.
- ② Construct doweled expansion joint on the side road of an intersection if the side road is concrete pavement and greater than 300 feet in length. Align expansion joint with radius point.

NOTES:

1. THE PRIMARY ROAD CONTROLS THE JOINT PATTERN.
2. ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS WHEN POSSIBLE.
3. CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.
4. ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (e.g., MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE.
5. AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 16 FEET WIDE.
6. AVOID ANGLES LESS THAN 60 DEGREES BY DOGLEGGING JOINTS THROUGH JOINTS THROUGH CURVE RADIUS POINTS. USE 90 DEGREE ANGLES WHEN POSSIBLE.
7. LONGITUDINAL JOINTS SHOULD BE WITHIN 6" OF LANES LINES, WITH THE EXCEPTION OF THE OUTSIDE LANE(S) ON THE MAINLINE.
8. ANY FIELD MODIFICATION OF JOINT LAYOUTS SHALL BE GOVERNED BY THE FOLLOWING PARAMETERS: NO JOINT INTERSECTION SHOULD CREATE A PANEL, WITH LESS THAN A 60 DEGREE ANGLE, THE PANEL LENGTH TO WIDTH RATIO SHOULD BE LESS THAN 1.5:1.
9. THE COMPLETE CONSTRUCTION OF LONGITUDINAL AND TRANSVERSE JOINTS IN OR ADJACENT TO THE NEW CONCRETE PAVEMENT SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 450A.
10. CHANGES TO THE JOINT LAYOUT DETAILS SHOWN MAY BE PERMITTED AT THE DISCRETION OF THE ENGINEER, PROVIDED THEY DO NOT COMPROMISE THE INTENDED PERFORMANCE OR INTEGRITY OF THE CONCRETE STRUCTURE.



ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

REVISIONS:

Bureau Sld Engr: G.L.D.
DRAWN BY: J.E.T.
DATE DRAWN: 7-14-2025
REVISED DATE:

DESIGN BUREAU SPECIAL DRAWING
CONCRETE PAVING JOINTS
(SHEETS 2 OF 2)

NOT TO SCALE

--SPECIFICATIONS-- CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION		INDEX NO
SPECIAL DRAWING NO		
SPECIAL PROJECT DETAIL		