LEGEND:

- PS = Point of Spiral
- PT = Point of Tangency
- PC = Point of Curvature
- PCS = Point of Spiral To Curve
- PSC = Point of Spiral To Tangency
- \( w \) = Super Elevation - Percent
- \( w \) = Cross sectional distance in feet from axis of rotation (normally the control line) to the outer edge of the traffic lane or lanes.

Notes:

1. USE CURRENT EDITION OF AASHTO POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS FOR LENGTH OF RUNOFF AND SUPER ELEVATION RATE. USE A METHOD 5 DISTRIBUTION FOR HIGH SPEED HIGHWAYS (>40 MPH). OTHER ROADWAYS MAY UTILIZE EITHER METHOD 2 OR METHOD 5 DEPENDING ON CONDITIONS AND DESIGN SOLUTION NEEDED.

2. SPIRALS WITH CURVES ARE NOT REQUIRED BUT MAY BE DESIRABLE UNDER HIGH SPEEDS AND SHARP CURVES. THE LENGTH OF SPIRAL IS EQUAL TO MINIMUM SUPER ELEVATION RUNOFF LENGTHS WHEN A SPIRAL IS USED.

3. SUPER ELEVATE SURFACED SHOULDERS AT SAME RATE AS TRAFFIC LANES.

4. PLACE THE FOLLOWING INFORMATION ON THE CONSTRUCTION PLANS.

5. USE MAXIMUM SUPER ELEVATION RUNOFF.

6. USE MAX OF 4 PERCENT IN URBAN SETTINGS.