PLAN

SPREAD FOOTING ADJACENT TO SKEWED APPROACH SLAB AND WITH BARRIER WALL INLET

NOTES

1. CONSTRUCTION REQUIREMENTS: Construct the Spread Footing level transversely and expansion joints plumb, do not construct the spread footing perpendicular to the roadway surface. Slip forming is not permitted.

2. CONCRETE: Use Class II concrete for slightly aggressive environments. Use Class IV concrete for moderately or extremely aggressive environments. Concrete will be in accordance with Specification Section 346.

3. DOWELS: Dowel Load Transfer Devices will be ASTM A 36 smooth round bar and hot-dip galvanized in accordance with Specification Section 962. Install Dowel Load Transfer Devices in accordance with Specification Section 350.

4. Construct 1/2" Expansion Joints plumb and perpendicular or radial to Gutter Line. Provide at 90'-0" maximum intervals as shown.

5. Provide and install Preformed Expansion Joint Filler in accordance with Specification Section 932.

6. Construct 1/8" V-Grooves plumb and provide at 30'-0" maximum intervals as shown. Space V-Grooves equally between 1/2" Expansion Joints and/or Begin or End Spread Footing. V-Groove locations are to coincide with V-Groove locations in the Railing/Noise Wall.

7. FILL REQUIREMENTS: Shoulder or Roadway Pavement or Fill is required on top (1'-0" minimum depth) for the entire length of the spread footing on both sides of the Railing/Noise Wall. See Section B-B for details.

8. a. Index No. 5210 for Bars 5V and 5S1.

9. b. Place 6 ~ Bars 5B inside Stirrup Bars 5V as shown.

10. Spacing shown is along the Gutter Line.

11. Work this Standard Drawing with one or both of the following:

   a. Index No. 5210 - Traffic Railing/Noise Wall (8'-0').

   b. Index No. 5211 - Traffic Railing/Noise Wall (14'-0').

CROSS REFERENCE:
For Section B-B and Detail "A", see Sheet No. 2.
For location of Section B-B, see Sheet 1.

Note: The reinforcing steel quantity accounts for the difference between the shorter Stirrup Bars 5V for junction slabs or bridges and the longer Stirrup Bars 5V for spread footings.

Additional Reinf. @ Expansion Joint

Reinforcing Steel (Typical)

Concrete (Footing)

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<tr>
<th>QUANTITY</th>
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<tr>
<td>0.311</td>
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<td>51.80</td>
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<td>31.38</td>
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Note: The reinforcing steel quantity accounts for the difference between the shorter Stirrup Bars 5V for junction slabs or bridges and the longer Stirrup Bars 5V for spread footings.

CROSS REFERENCE:
For location of Section B-B, see Sheet 1.