**APPROACH SLABS (50 FT.) (RIGID PAVEMENT APPROACHES)**

**GENERAL NOTES**

1. **SURFACE TREATMENT:** Apply a Class 4 Floor Finish (Grooved) to the riding surface from begin or end approach slab joint to begin or end bridge. See Bid Item Notes. Apply a broomed finish to sidewalk areas.

2. **CONDUIT:** If required, see Structures Plans for Conduit details.

3. **When a longitudinal construction joint is necessary or allowed by the Engineer, the transverse steel shall be extended as shown in the Longitudinal Construction Joint Detail.**

4. **The plan view for CASE 1 applies when the skew angle (Ø) = 0°. Relevant details also apply to CASE 2.**

5. **The plan view for CASE 2 applies where the skew angle (Ø) is > 0°. The slab shown represents a skew to the right for an approach slab at begin bridge; approach slab at the end of bridge or a left skew shall be treated similarly.** The shown reinforcement shall be utilized, and Dowels provided in accordance with Index 350-001 and 370-001.

6. **Deformed WWR must meet the requirements of Specification Section 933.**

7. **PROFILOGRAPH:** If profilograph requirements apply, planing may be required. The permitted construction joint shown in Section A-A will facilitate the placement of the expansion joint.

8. **Approach slabs shown in Plan View Cases 1 and 2 represent a typical approach slab with edge barriers and no sidewalks. Provide railings, parapets, traffic separators and sidewalks as detailed on the additional approach slab sheets.**

9. **PAYMENT:** Deformed WWR for the edge of Approach Slabs on retaining walls is not included in the estimated quantity for reinforcing steel and is considered incidental to the work. See Roadway Plans for Optional Base details and quantities.

**CROSS REFERENCES:**

For Section B-B, Longitudinal Construction Joint Detail and Approach Slab Details see Sheet 2.

**PLAN VIEW (CASE 1)**

- Diameter to match Superstructure Sheets
- 
  \[ L_1 = 30'-0" \] Min.
- Bars 5A1 @ 1'-0" Max. (Top of Slab)
- Bars 8A2 @ 9" Max. (Bottom of Slab)
- * Bars C1 @ 1'-0" Max. (Top of Slab)
- (Placed between Bars 5B, Top of Slab)
- Bars 5B @ 9" Max. (Bottom of Slab)
- Dim. (L2 = 30'-0" Min.)

**PLAN VIEW (CASE 2)**

- Diameter to match Superstructure Sheets
- 
  \[ L_1 = 30'-0" + N \times \tan \theta \] Min.
- Bars 5B1 @ 1'-0" Max. (Top of Slab)
- Bars 5B2 @ 9" Max. (Bottom of Slab)
- * Bars C1 @ 1'-0" Max. (Top of Slab)
- (Placed between Bars 5B, Top of Slab)
- Bars 5B @ 9" Max. (Bottom of Slab)
- Dim. (L2 = 30'-0" Min.)

**SECTION A-A**

- Bars 5A1 @ 1'-0" Max. (Top of Slab)
- Bars C1 @ 1'-0" Max. (Top of Slab)
- Bars 5B1 @ 9" Max. (Bottom of Slab)
- Bars 5B2 @ 9" Max. (Bottom of Slab)
- Bars 5B3 @ 9" Max. (Bottom of Slab)

**DETAILED EXPLANATIONS:**

1. **SURFACE TREATMENT:** Apply a Class 4 Floor Finish (Grooved) to the riding surface from begin or end approach slab joint to begin or end bridge. See Bid Item Notes. Apply a broomed finish to sidewalk areas.

2. **CONDUIT:** If required, see Structures Plans for Conduit details.

3. **When a longitudinal construction joint is necessary or allowed by the Engineer, the transverse steel shall be extended as shown in the Longitudinal Construction Joint Detail.**

4. **The plan view for CASE 1 applies when the skew angle (Ø) = 0°. Relevant details also apply to CASE 2.**

5. **The plan view for CASE 2 applies where the skew angle (Ø) is > 0°. The slab shown represents a skew to the right for an approach slab at begin bridge; approach slab at the end of bridge or a left skew shall be treated similarly.** The shown reinforcement shall be utilized, and Dowels provided in accordance with Index 350-001 and 370-001.

6. **Deformed WWR must meet the requirements of Specification Section 933.**

7. **PROFILOGRAPH:** If profilograph requirements apply, planing may be required. The permitted construction joint shown in Section A-A will facilitate the placement of the expansion joint.

8. **Approach slabs shown in Plan View Cases 1 and 2 represent a typical approach slab with edge barriers and no sidewalks. Provide railings, parapets, traffic separators and sidewalks as detailed on the additional approach slab sheets.**

9. **PAYMENT:** Deformed WWR for the edge of Approach Slabs on retaining walls is not included in the estimated quantity for reinforcing steel and is considered incidental to the work. See Roadway Plans for Optional Base details and quantities.

**CROSS REFERENCES:**

For Section B-B, Longitudinal Construction Joint Detail and Approach Slab Details see Sheet 2.