**General Notes:**

- **Prestressed Panels:**
  - Concrete for prestressed panels shall be Class A-1 with a 28-day cube strength of 4,000 psi or greater.
  - The top surface of all panels shall receive a scored finish with a depth of scoring of 1/16" perpendicular to the prestressing strands in the panel.

- **Prestressing Tendons:**
  - Prestressing tendons shall have high-tensile strength, uncoated, low-relaxation strands for prestressed concrete. The minimum initial prestressing force shall be 17.2 kips/stress that results in an effective stress of 65 kips/in².

- **Joint Filler:**
  - Joint filler shall be preformed fiber expansion joint material in accordance with Sec 1073.
  - Thicker material may be used on one or both sides of the girder for thicker sections.

**Joint Fillers:**

- Joint filler shall be preformed fiber expansion joint material in accordance with Sec 1073.

**Prevent excessive Bowing:**

- Strands shall be placed in the panels and end panels shall have a minimum thickness of 1 1/2" from the top surface to the underside of the girder.

**Minimum Clearance to Reinforcing Steel:**

- Minimum clearance to reinforcing shall be 1 1/2", unless otherwise shown.

**S-Bars:**

- S-bars shown are bottom steel in slab between panels and used with squared and truncated end panels only.

**Panel Width:**

- Panel width shall be determined by the contractor, provided that the minimum thickness of 1 1/2" from the top surface to the underside of the girder is maintained.

**Minimum Reinforcement Steel Length:**

- Minimum reinforcement steel length shall be 2 1/2' unless otherwise specified.

**Support from Diaphragm Forms:**

- Support from diaphragm forms is required under the optional skewed end panels and used with squared and truncated end panels only.

**Concrete:**

- Concrete for prestressed panels shall be Class A-1 with a 28-day cube strength of 4,000 psi or greater.

**Contractor's Responsibilities:**

- The contractor shall ensure proper consolidation of the concrete before the deck pour.

**Additional Requirements:**

- Precast panels shall be tied securely to the slab with the following maximum spacing in each direction:
  - 24 inches maximum at the top surface of the panel.
  - 24 inches maximum at the bottom surface of the panel.

**Contract Unit Price:**

- Contract unit price for the slab reinforcing steel shall be determined by the engineer.

**Stirrup and Tie Dimensions:**

- Stirrups and ties shall be in accordance with the CRSI Manual of Standard Practice for Detailing Reinforced Concrete Structures.

**Prefabricated Fiber Expansion Joint Material:**

- Joint filler shall be preformed fiber expansion joint material in accordance with Sec 1073.

**Preconstruction Dyke:**

- A 1 1/2" thick concrete pour shall be placed under any one edge of any panel except at locations where the thickness of the preformed fiber expansion joint material is reduced.

**Preconstruction Dyke:**

- The top surface of all panels shall receive a scored finish with a depth of scoring of 1/16" perpendicular to the prestressing strands in the panel.
Standard Drawing Guidance (do not show on plans):

1. Modify details if expansion gap is used and add Section B-B at expansion device and additional reference notes as shown on standard drawing for steel structures (PSP06).