NOTES:
1. DESIGNS AND PROJECTIONS: Refer Standard Drawing 2042 for design assumptions used for the standard details in this drawing. Typical Sections through the bridge are shown. The project designer shall provide general arrangement details in the project drawings that are specific to the actual bridge geometry. Where units vary from span to span or unit layout diagram, locations, numbers, and types of units shall be shown on the project drawings.

2. BRIDGE BARRIER: Two types of regular performance bridge barriers have been considered in this standard detail, as follows:
   a. Cast-in-place barrier with steel post and rail type, where the barrier shall be continuous across the full span.
   c. Steel rail type, which shall have a minimum 7,000 psi and nominal 4.5 in. outside diameter galvanized steel barrier. Painted steel barriers shall be painted white or red and have a minimum 200 psi pressure.
   d. Barriers shall be located at the bridge abutments.

3. GENERAL ARRANGEMENT FOR ALL 15m DECK UNIT TYPES:
   a. Deck unit shall be manufactured to W570.
   b. Concrete shall be in accordance with W570.
   c. Strength or transfer shall be 40 ksi.
   d. Expansion joint shall be in accordance with W570.

4. CONCRETE:
   - Steel plates Grade 105 minimum to W570.
   - Bolt Class AS to AS 1151.1.2.
   - All bolts and nuts shall be hot dip galvanized to AS 1214.
   - All other steelwork shall be hot dip galvanized to AS 4600.

5. SPECIFICATION:
   - The drawing shall be fabricated to W570.

6. TRANSVERSE STRESSING UNIT SCHEDULE:
   - Stressing Units shall be AS/NZS 4972, in accordance with W570.
   - All stressing units shall be in accordance with W570.

7. GENERAL ARRANGEMENT AND NOTES:
   - BRIDGE DECK UNIT:
   - Deck unit shall be manufactured to W570.
   - Concrete shall be in accordance with W570.
   - Strength or transfer shall be 40 ksi.
   - Expansion joint shall be in accordance with W570.

ASSOCIATED DOCUMENTS:
Design Options for Bridges and Other Structures Drafting and Design Presentation Standards - Structural Drafting Standards

REFERENCES:
Departmental Standards:
- 1040 Reinforcing Steel - Standard Bar Shapes
- 1041 Reinforcing Steel - Standard Bar Lengths
- 2014 Precast Units - Design Assumptions for Precast Concrete Standard Deck Units
- 2015 Precast Units - Design Assumptions for Precast Concrete Standard Deck Units

UPFING NOTES:
L1: Maximum dynamic load factor used in this design is 2.0, unless higher dynamic allowance is required for specific design.
L2: Proprietary lifting sections shall be a TRU approved product.

CAST-IN-UPFING HOOP ANCHOR NOTES:
HC: After lifting hoop, it is no longer required, cut off and place into top of deck unit, and apply three coats of approved surface treatment spray to provide a minimum thickness of 0.3 mm over 0.5 mm metall grade.