



**NOTE:** SCREW ANCHOR ASSEMBLY DESIGN LOAD = 50 KIPS TENSION. PROPERLY INSTALLED SCREW ANCHOR ASSEMBLY HAS BEEN TESTED BY AN INDEPENDENT LAB TO TWICE THE DESIGN LOAD (100 KIPS). CERTIFIED TEST RESULTS AVAILABLE UPON REQUEST.

**GENERAL NOTES:**  
**SPECIFICATIONS:**  
 AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS  
 AASHTO STANDARD SPECIFICATIONS FOR TRANSPORTATION MATERIALS AND METHODS OF SAMPLING AND TESTING  
 AMERICAN SOCIETY FOR TESTING AND MATERIALS  
 AMERICAN INSTITUTE OF STEEL CONSTRUCTION

**REINFORCING STEEL:** ALL REINFORCING STEEL SHALL BE GRADE 60 BILLET STEEL MEETING THE REQUIREMENTS OF AASHTO M31. ALL REINFORCING STEEL SHALL BE ACCURATELY LOCATED IN THE FORMS AND PROPER CLEARANCES MAINTAINED WITH STAINLESS STEEL, PLASTIC, OR RUBBER TIPPED CHAIRS. REINFORCING DIMENSIONS ARE CENTER TO CENTER UNLESS OTHERWISE NOTED ON PLANS.

**WELDED WIRE FABRIC:** SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M55 OR AASHTO M221. WIRE MESH SHALL BE A MINIMUM OF 70 GRADE STEEL.

**EXPANSION JOINTS:** JOINT FILLER TO BE AASHTO M-213 OR EQUAL.

**CONCRETE:** CONCRETE SHALL CONFORM TO AASHTO CLASS A(AE). MINIMUM 28 DAY COMPRESSIVE STRENGTH SHALL BE 5000 PSI.

**HARDWARE:** ALL BOLTS SHALL CONFORM TO ASTM A-307 AND BE GALVANIZED IN ACCORDANCE WITH ASTM-A153

**DESIGN DATA:**  
 SPECIFICATIONS:.....AASHTO 2017, 8TH EDITION AND ALL INTERIMS  
 DESIGN LOADING:.....HL-93

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**PRECAST CONCRETE BRIDGE SLABS - 40' SPANS**  
**HL-93 LOADING**

DATE: 12/05/2022

STANDARD DWG. NO. PC-40 LRFD  
 SHEET NO. 3 OF 27

