



- NOTES:**
1. CONCRETE FOR END DIAPHRAGMS SHALL BE HPC, CLASS A, LOW CEMENT.
 2. REINFORCING STEEL IN END DIAPHRAGM, EXCEPT BARS EXTENDING INTO DECK, SHALL BE ASTM A615 GRADE 60, EPOXY COATED.
 3. ALL DIAPHRAGM REINFORCEMENT EXTENDING INTO THE DECK SHALL BE SOLID STAINLESS STEEL CONFORMING TO ASTM A995M, GRADE 420.
 4. DIAPHRAGM DIMENSIONS AND REINFORCING ARE SHOWN IN ONE EXTERIOR GIRDER BAY. ALL INTERIOR GIRDER BAYS ARE SIMILAR.
 5. FOR GIRDER BEARINGS, SEE BRIDGE BEARING DETAILS - PIER SHEET.
 6. FOR HORIZONTAL CONSTRUCTION JOINT DETAIL, SEE GIRDER DETAILS 5 SHEET.
 7. PREFORMED JOINT FILLER, CLOSED CELL FOAM SHALL BE W.R. MEADOWS CERAMAR FLEXIBLE FOAM EXPANSION JOINT, OR APPROVED EQUAL, MEETING REQUIREMENTS OF ASTM D1752 (SECTIONS 5.1 THROUGH 5.4).

ITEMS USED ON THIS SHEET	
ITEM NO.	DESCRIPTION
507.17	EPOXY COATED REINFORCING STEEL
510.23	PRESTRESSED CONCRETE GIRDERS
900.608	HIGH PERFORMANCE CONCRETE, CLASS A, LOW CEMENT
900.635	STAINLESS STEEL REINFORCING

PROJECT NAME: WINDSOR
PROJECT NUMBER: IM 091-1(64)
FILE NAME: s10a188GirdD14.dgn
PLOT DATE: 7/30/2015
PROJECT LEADER: J. WILSON
DRAWN BY: N. GARCIA III
DESIGNED BY: R. PEIN
GIRDER DETAILS 4
CHECKED BY: G. WALKER
SHEET 69 OF 156