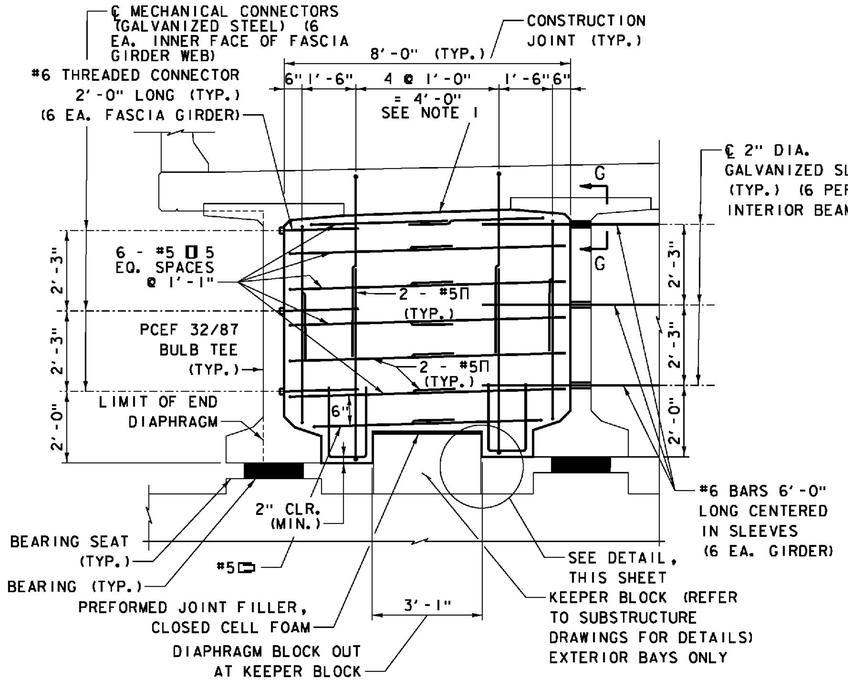
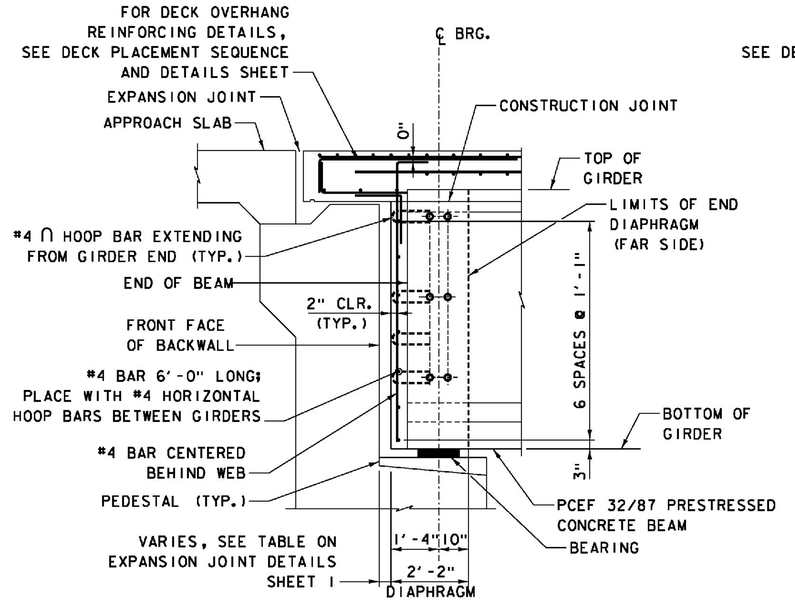


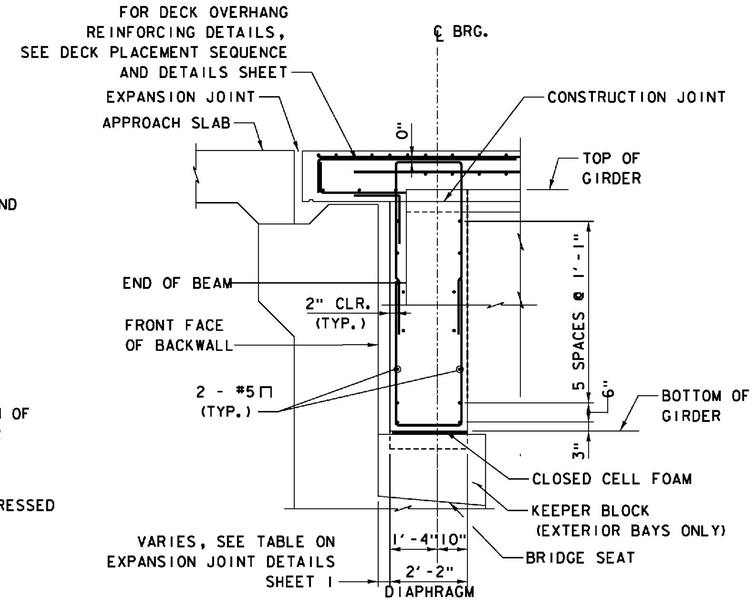
END DIAPHRAGM ELEVATION - ABUTMENT

SCALE ½" = 1'-0"



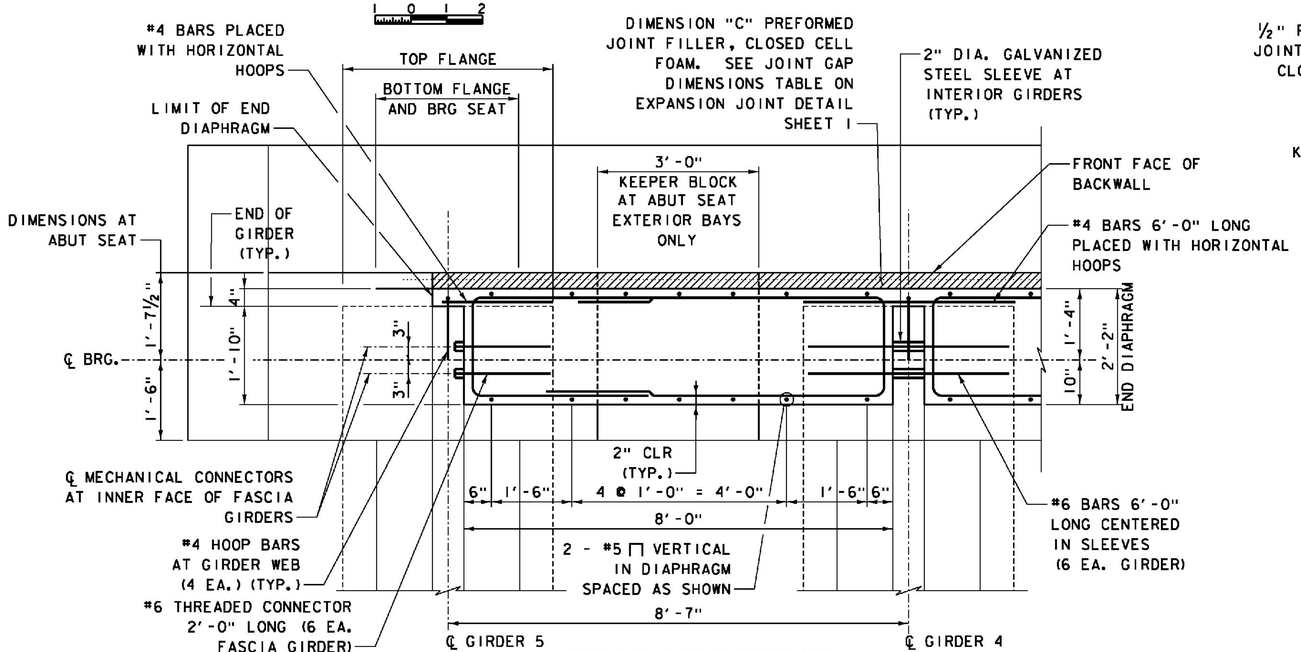
ABUTMENT END DIAPHRAGM SECTION AT GIRDERS

SCALE ½" = 1'-0"



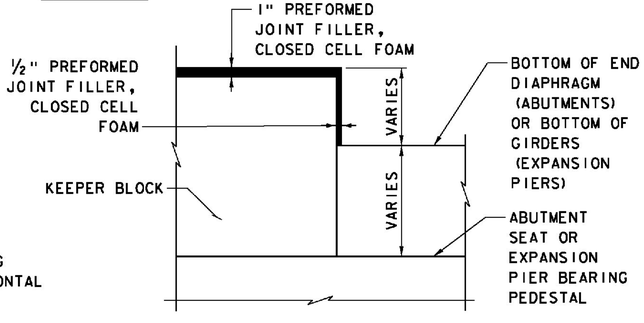
ABUTMENT END DIAPHRAGM SECTION BETWEEN GIRDERS

SCALE ½" = 1'-0"



ABUTMENT END DIAPHRAGM HORIZONTAL SECTION LOOKING DOWN

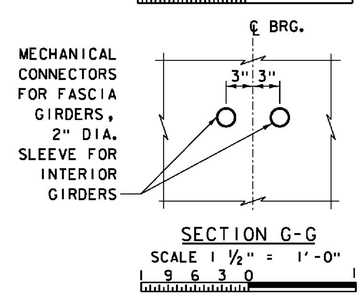
SCALE ¾" = 1'-0"



NOTE: APPLICABLE TO ABUTMENTS AND EXPANSION PIERS. (SEE SUBSTRUCTURE PLANS FOR ADDITIONAL INFORMATION.)

KEEPER BLOCK DETAIL

SCALE 1 ½" = 1'-0"



SECTION G-G

SCALE 1 ½" = 1'-0"

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 DIAPRAGHM 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 PREFORMED JOINT FILLER MATERIAL INFORMATION, SEE GIRDER DETAILS 4 SHEET, NOTE 7.

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: s10o188GirdDtl3.dgn
PROJECT LEADER: J. WILSON
DESIGNED BY: R. PEIN
GIRDER DETAILS 3

PLOT DATE: 7/30/2015
DRAWN BY: N. GARCIA III
CHECKED BY: G. WALKER
SHEET 68 OF 156