

Notes:

Reinforcement bars in diaphragm are billed with superstructure on sheet 14 of 35.

Concrete in diaphragm is included with Concrete Superstructure on sheet 12 of 35.

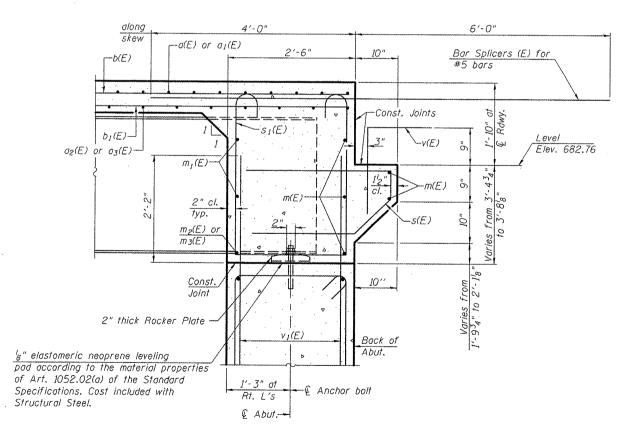
For details of bars s(E) & $s_1(E)$ see sheet 14 of 35. The s(E) and $s_1(E)$ bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

For location of holes thru web, see sheet 23 of 35.

MIN. BAR LAP

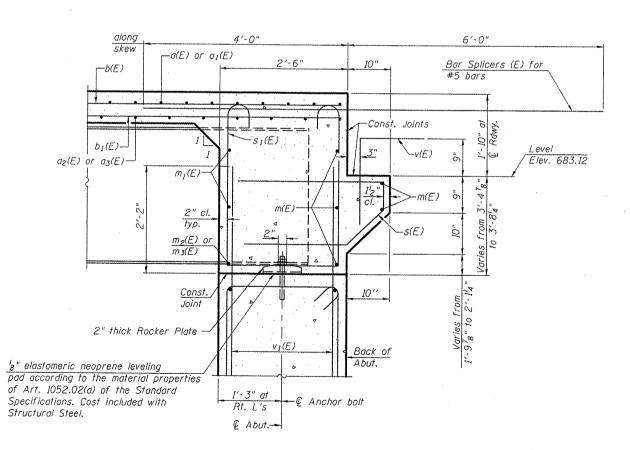
#6 bar = 3'-4"

DIAPHRAGM ELEVATION AT ABUTMENT



SECTION A-A • NORTH ABUT.

Dimensions at right angles to abutment, except as shown.



SECTION A-A © SOUTH ABUT.

Dimensions at right angles to abutment, except as shown.

FILE NAME =	USER NAME = seb	DESIGNED - KTH	REVISED -						
P:\07files\070286\Phase2\Bridge Plans\1	5_DiaphragmDetails_0080.dgn	CHECKED - ADL	REVISED -	STATE OF ILLINOIS	DIAPHRAGM DETAILS	F.A.P. S	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
1	PLOT SCALE = 0:2.0000 ':' / IN.	DRAWN - BGJ	REVISED -	DEPARTMENT OF TRANSPORTATION	S.N. 055-0080 (NB)	310 (3	38B-2)BR	MCDONOUGH	130 72
	PLOT DATE = 12/7/2011	CHECKED - RJP	REVISED -	22. MINISTER OF THAMBS OF TAILOR	SHEET NO. 15 OF 35 SHEETS				T NO. 68691
					5/2E1 NO: 15 OF 55 SHEETS		ILLINOIS FED. AID PROJECT		

Klingner & Associates P.C