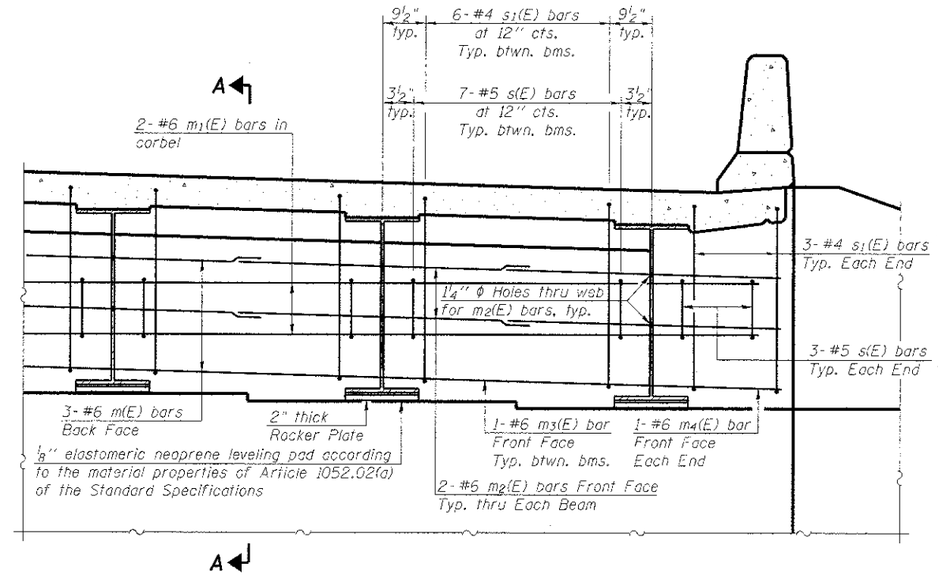
Notes:
Reinforcement bars in diaphragm are billed with superstructure on Sheet 10 of 29.
Concrete in diaphragm is included with Concrete Superstructure on Sheet 10 of 29.
For details of bars s(E) & s_1(E) see Sheet 10 of 29.
The s(E) and s_1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
For location of holes thru web, see Sheet 15 of 29.

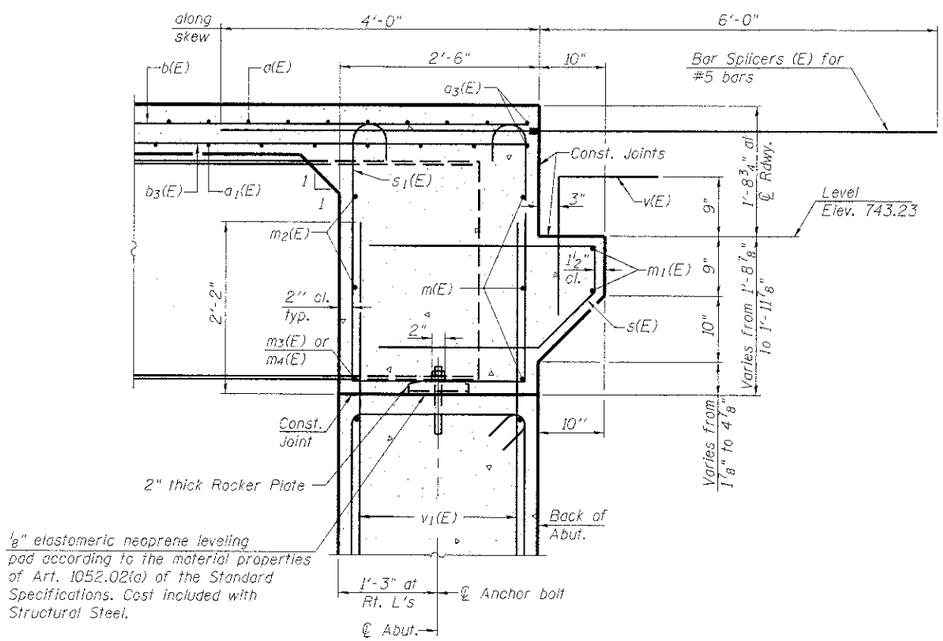
MIN. BAR LAP

#6 bar = 3'-4"



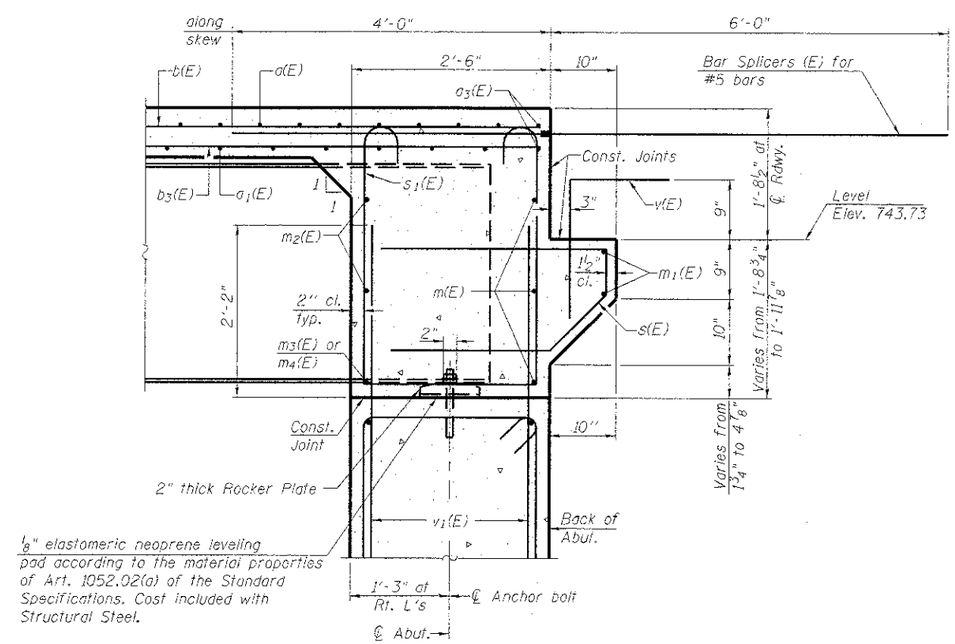
DIAPHRAGM ELEVATION AT ABUTMENT

(Dimensions at Rt. L's to Beams)



SECTION A-A @ SOUTH ABUT.

Dimensions at right angles to abutment, except as shown.



SECTION A-A @ NORTH ABUT.

Dimensions at right angles to abutment, except as shown.

FILE NAME = D:\IIfiles\II0215\05 Plans\Bridge Plans Without Structural Steel\Superstructure.dgn	USER NAME = bgj	DESIGNED - ADL	REVISED -
		CHECKED - RJP	REVISED -
	PLOT SCALE = 0.083293 ' / IN.	DRAWN - RJP	REVISED -
	PLOT DATE = 11/5/2012	CHECKED - ADL	REVISED -

ADAMS COUNTY
HIGHWAY DEPARTMENT

INTEGRAL ABUTMENT DIAPHRAGM DETAILS
S.N. 001-3338
SHEET NO. 11 OF 29 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1598	11-00218-00-BR	ADAMS	53	27
		CONTRACT NO. 93590		
		ILLINOIS FED. AID PROJECT		

Klingner & Associates P.C.