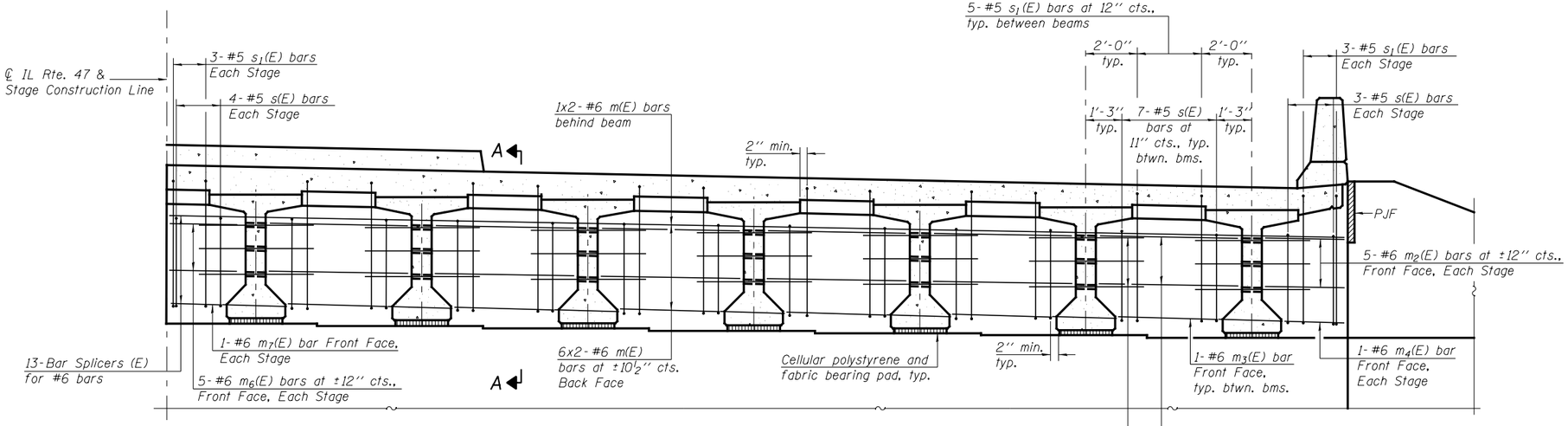


DIAPHRAGM ELEVATION AT ABUTMENT

Notes:

Reinforcement bars in diaphragm are billed with superstructure on Sheet 12 of 32.

Concrete in diaphragm is included with Concrete Superstructure on Sheet 12 of 32.

See Sheet 12 of 32 for details of bars s(E), s_1(E) and v(E).

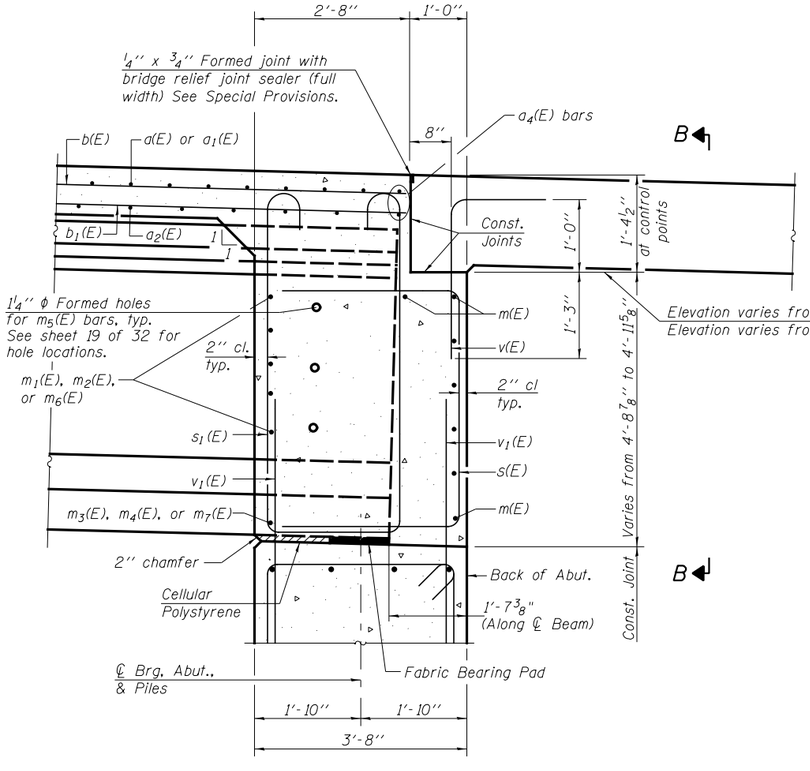
The s(E) and s_1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

The approach slab seat shall have a constant slope determined from the control points shown.

Cost of cellular polystyrene is included with Concrete Superstructure. See Sheet 26 of 32 for Bar Splicer Details.

MIN. BAR LAP

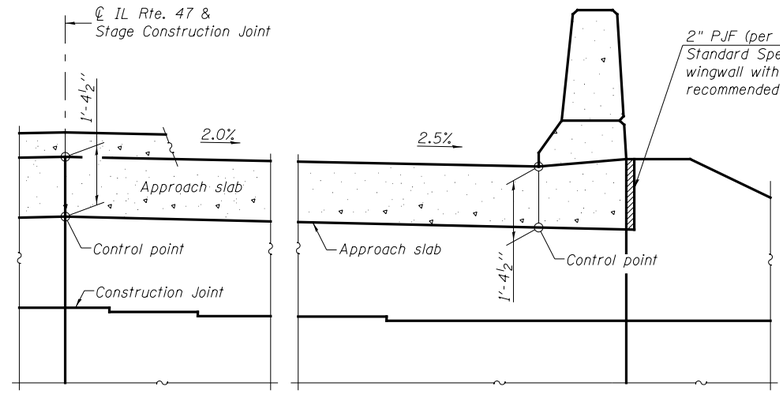
#6 bar = 3'-4"



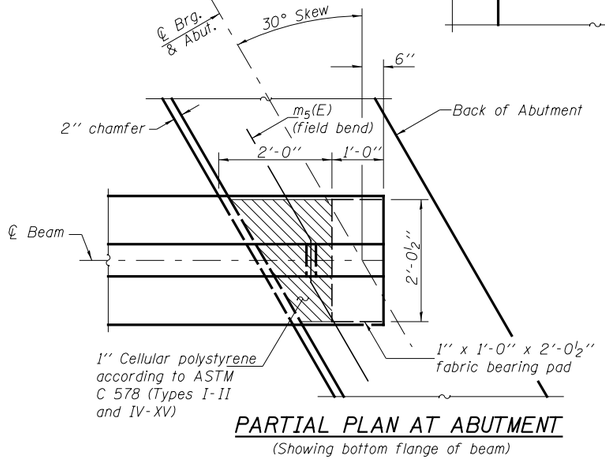
SECTION A-A

(at Rt. L's)

(South Abutment shown, North Abutment similar)



VIEW B-B



PARTIAL PLAN AT ABUTMENT

(Showing bottom flange of beam)

V:\3195\Structure\032-0122\0320122-66B83-013-DIAPHRAGM.dgn	USER NAME = bdecraene	DESIGNED - STM	*Hutchison Engineering, Inc.* JACKSONVILLE–SHOREWOOD–PEORIA	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**DIAPHRAGM DETAILS STRUCTURE NO. 032-0122**	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = NONE	DRAWN - STM				326	110BR	GRUNDY	644	339
	PLOT DATE = 8/6/2013	CHECKED - BAN			SHEET NO. 13 OF 32 SHEETS			CONTRACT NO. 66B83		
		CHECKED - BAN					ILLINOIS	FED. AID PROJECT		