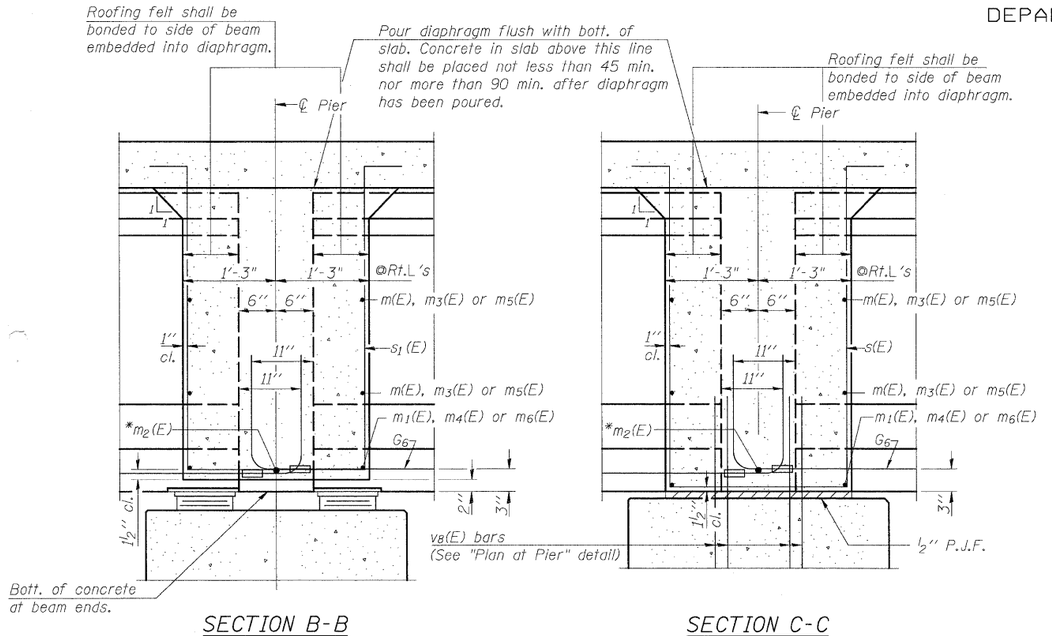
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

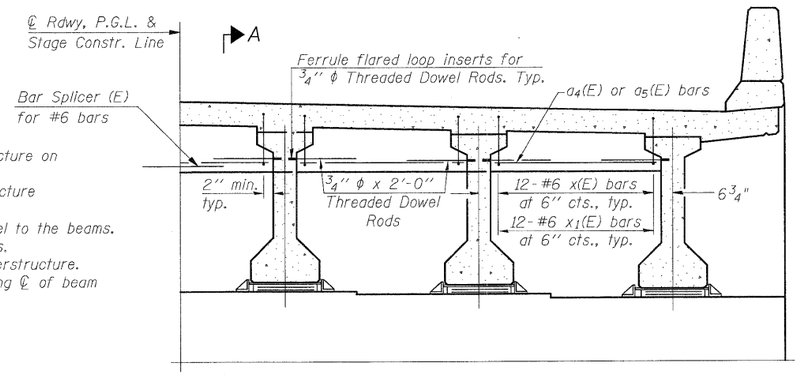


SECTION B-B AT PIER
(Expansion)

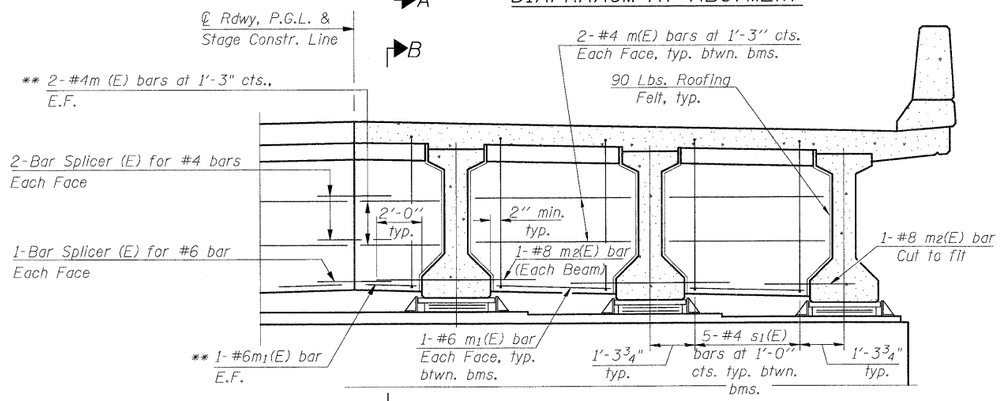
SECTION C-C AT PIER
(Fixed)

*Tightly fasten the #8 bars together with No. 9 wire ties.

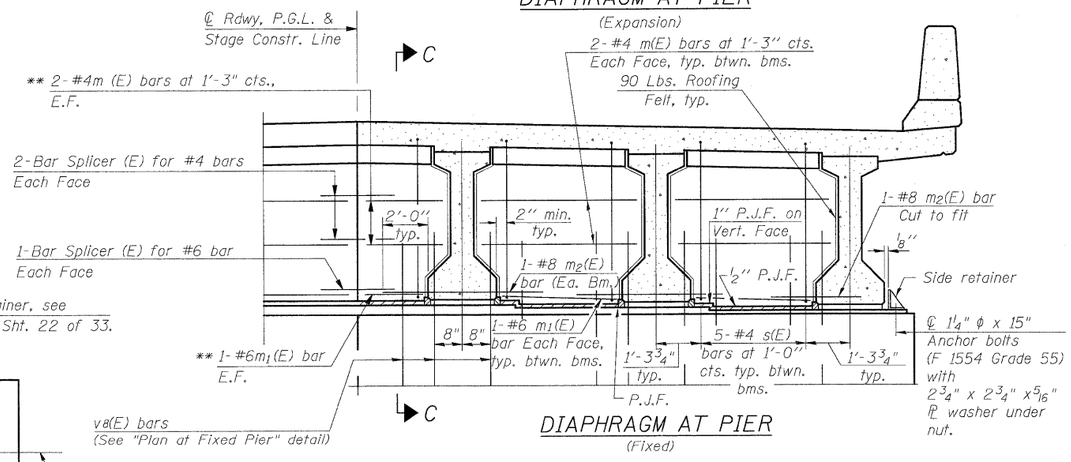
Notes:
Reinforcement bars in diaphragm are billed with superstructure on sheet 12 of 33.
Concrete in diaphragm is included with Concrete Superstructure on sheet 12 of 33.
The s(E), s1(E) x(E) and x1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
Cost of 90 Lb. roofing felt is included with Concrete Superstructure.
Horizontal dimensions for Sec. B-B and Sec. C-C are along ℄ of beam unless otherwise noted.



DIAPHRAGM AT ABUTMENT

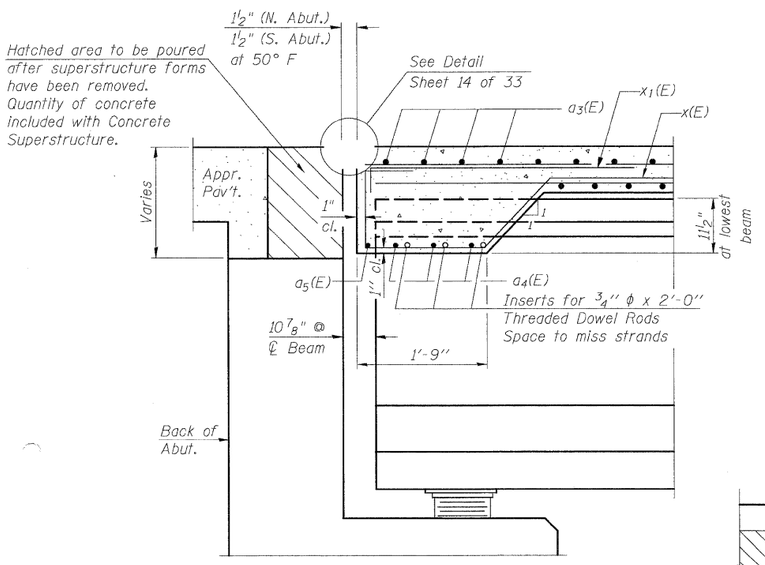


DIAPHRAGM AT PIER
(Expansion)

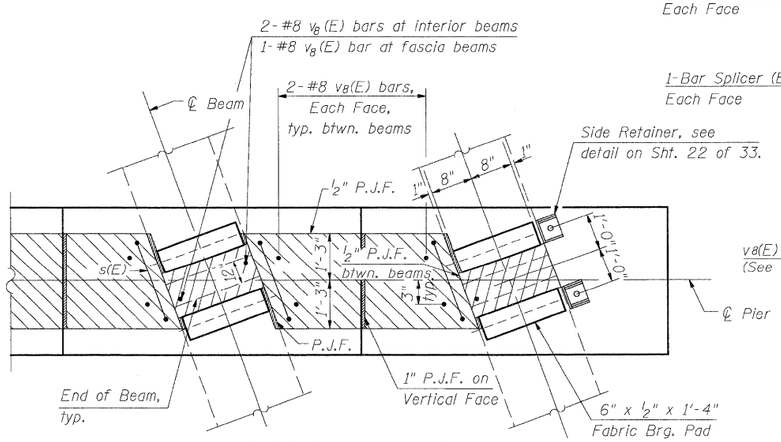


DIAPHRAGM AT PIER
(Fixed)

** Order m(E) & m1(E) bars full length. Cut to fit at Stage Construction line & use remainder for Stage 2.



SECTION A-A AT ABUTMENT
(at Rt. Ls except where noted)



PLAN AT FIXED PIER
(Showing bearing pad and PJF details)

DIAPHRAGM DETAILS
S.N. 018-0064

SHEET NO. 13 OF 33 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	116	(112BR1)B	CUMBERLAND	72	44
			CONTRACT NO. 74236		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

DESIGNED	SCD
CHECKED	DRB
DRAWN	THW
CHECKED	SCD

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PI-2J 10-1-08