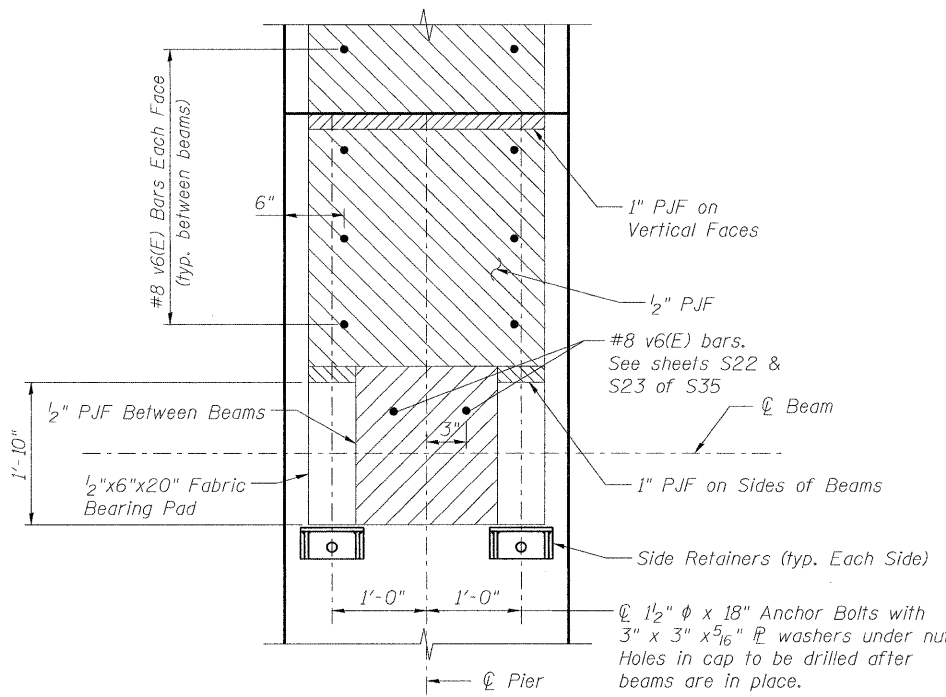
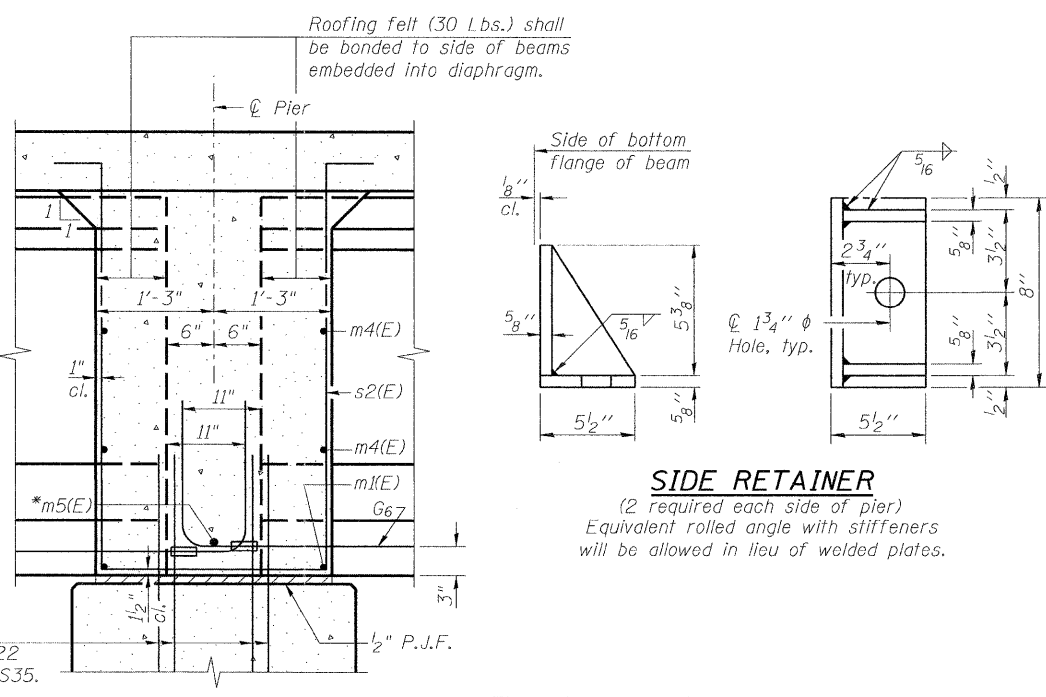


DIAPHRAGM ELEVATION AT PIER
(Looking North)



PLAN AT PIER
(Showing bearing pad and P.J.F. details)



SECTION B-B

- NOTES:**
1. Reinforcement bars in diaphragm are billed with superstructure on sheet S11 of S35.
 2. Concrete in diaphragm is included with Concrete Superstructure on sheet S11 of S35.
 3. For details of s2(E) bar, see sheet S11 of S35.
 4. For details of v6(E) bars, see sheets S22 and S23 of S35.
 5. Cost of 30 Lb. roofing felt is included with Concrete Superstructure. The side retainer shall be galvanized after shop fabrication according to AASHTO M 111.
 6. Anchor bolt assemblies shall be galvanized according to Article 1006.09 of the Standard Specifications.
 7. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified.

- The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
8. Anchor bolts for side retainers to be installed in holes drilled after beams are in place.
 9. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
 10. Cost of side retainer and anchor bolts shall be included with Concrete Structures.
 11. For Bar Splicer Details, see sheet S25 of S35.

MINIMUM BAR LAP
#4 bar = 2'-3"
#6 bar = 3'-4"

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

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FILE NAME =	USER NAME =	DESIGNED -	REVISIONS -
0508225.66A20_013-pierdiaph.dgn	akeaschall	JLS	-
		AJK	-
		RMG	-
		HMA	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER DIAPHRAGM DETAILS
STRUCTURE NO. 050-0255

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(3)BR-3	LASALLE	61	26
CONTRACT NO. 66A20				
ILLINOIS FED. AID PROJECT				

SHEET NO. S13 OF S35 SHEETS

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