

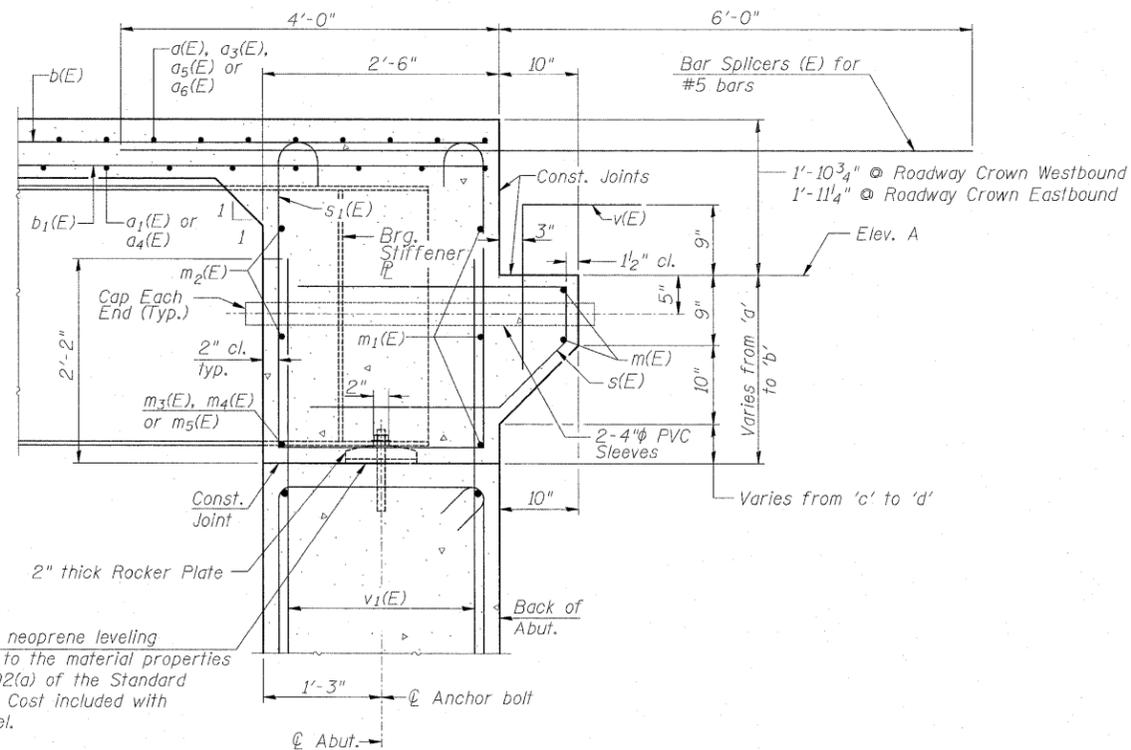
*P.J.F. included in the cost of Concrete Structures

DIAPHRAGM ELEVATION AT ABUTMENT

Notes:

Reinforcement bars in diaphragm are billed with superstructure on Sheets 8 and 9 of 30.
 Concrete in diaphragm is included with Concrete Superstructure on Sheets 8 and 9 of 30.
 For details of bars s(E), s1(E) and v(E) see Sheet 10 of 30.
 The s(E) and s1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

MIN. BAR LAP
 #6 bar = 2'-7"



SECTION A-A

TABLE OF WESTBOUND DIMENSIONS

	Elev. A	a	b	c	d
W. Abut.	441.03	4'-11 3/4"	5'-6 1/8"	3'-4 3/4"	3'-11 1/8"
E. Abut.	444.36	5'-0 1/2"	5'-6 7/8"	3'-5 1/2"	3'-11 7/8"

TABLE OF EASTBOUND DIMENSIONS

	Elev. A	a	b	c	d
W. Abut.	441.00	4'-11 1/2"	5'-6 1/8"	3'-4 1/2"	3'-11 1/8"
E. Abut.	444.32	5'-0 1/8"	5'-6 3/4"	3'-5 1/8"	3'-11 3/4"

ABUTMENT DIAPHRAGM DETAILS
 INTERSTATE 70 OVER 1ST STREET
 FAI-70
 SECTION 82-1-2HB
 ST. CLAIR COUNTY
 STA. 192+97.45
 STRUCTURE NO. 082-0312 (EB)
 STRUCTURE NO. 082-0313 (WB)

ZROKA engineering
 Zroka Engineering, P.C.
 4216 North Hermitage
 Chicago, IL 60613

FILE NAME = ... \08TRI-0820312-0820313-76C50-011-DiaphragmDetails.dgn	USER NAME = SAW	DESIGNED - LAS	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ABUTMENT DIAPHRAGM DETAILS	F.A.P. RTE. 998	SECTION 82-1-2HB	COUNTY ST. CLAIR	TOTAL SHEETS 72	SHEET NO. 41
PLOT SCALE = 1/8" = 1'-0"	CHECKED - LAS	REVISIONS -	SN 082-0312 & 082-0313			CONTRACT NO. 76C50				
PLOT DATE = 2/25/2011	DATE - 3-18-11	REVISIONS -	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				
SCALE: NONE		SHEET NO. 11 OF 30 SHEETS				STA. TO STA.				