

A◀┘



(East Abutment Similar)



<u>SECTION A-A</u> Dimensions at right angles to abutment, except as shown.

Reinforcement bars in diaphragm are billed with superstructure on sheet SA-11 of SA-24. Concrete in diaphragm is included with Concrete Superstructure on sheet SA-11 of SA-24. For details of bars $s(E) \& s_1(E)$ see sheet SA-11 of SA-24. 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.

MIN. BAR LAP

#6 bar = 3'-4''

USER NAME = SAW DESIGNED - JLA REVISED ZROKA engineering Zroka Engineering, P.C. 4216 North Hermitage Chicago, IL 60613 INTEGRAL ABUTMENT DIA STATE OF ILLINOIS CHECKED - DAZ REVISED S.N. 008–0 PLOT SCALE = 0:2.0000 ':" / in. DRAWN SAW REVISED **DEPARTMENT OF TRANSPORTATION** ngineering SHEET NO. SA-12 OF SA PLOT DATE = 6/26/2013 CHECKED - JLA REVISED

SI-DS1

Notes:

1-27-12

APHRAGM DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0049	17	4BR-5	CARROLL	150	51
			CONTRACT	NO. 6	4D83
SA-24 SHEETS	ILLINOIS FED. AID PROJECT				