2" Chamfer -Back of 2" thick rocker plate — NOTES: Abut. v2(E)-· v1(E) 1. Reinforcement bars in diaphragm are billed with superstructure on l<sub>8</sub>" elastomeric neoprene leveling sheet SA14. pad according to the material properties 1'-8" of Art. 1052.02(a) of the Standard 2. Concrete in diaphragm is included with Concrete Superstructure Specifications. Cost included with on sheet SA14. 3'-4" Structural Steel. & Abut., bearings — & 1"  $\phi$  x 12" anchor bolt with  $1^3_8$ " x 2" 3. For details of bars s(E) & s1(E) see sheet SA14. and piles slotted hole in the bottom flange (one each side of web.) Contractor has option of 4. The s(E) and s1(E) bars shall be placed parallel to the girders. cast in place or drilled installation. Spacing for these bars shall be at right angles to the girders. SECTION A-A benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450
Job No. 10056 (Dimensions at right angles to abutment, except as noted)

## DIAPHRAGM ELEVATION AT ABUTMENT

4-#6 m(E) bars

See section A-A

3- #5 m3(E) bars, typ. thru each girder. See Section A-A

34'-2" out to out

 $A \blacktriangleleft_1$ 

 $^{\prime}g^{\prime\prime}$  elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specifications.

2" thick

Rocker Plate

1′-2<sup>1</sup>2″ 6-#5 s1(E) bars at 12'' cts. typ. btwn. girders

> 8-#5 s(E) bars at 12'' cts. typ. btwn. girders

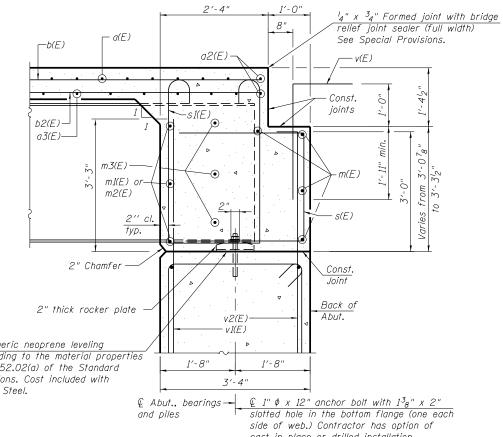
> > 3-#6 <u>m1(E) bars</u>

typ. btwn, girders Each End

Front Face

3-#<u>6 m2(E) bars</u>

Front Face



FILE NAME =	USER NAME = mbecker	DESIGNED - DTS	REVISED -	
0900165_68620_15_dkdt3.dgn		CHECKED - MRB	REVISED -	
	PLOT SCALE =	DRAWN - PRT	REVISED -	DEI
	PLOT DATE = 7/16/2012	CHECKED - MRB	REVISED -	

STATI	: OI	F ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

DIAPHRAGM DETAILS STRUCTURE NO. 090-0165 / 0166 SHEET NO. SAI5 OF SA47 SHEETS		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	1879
			CONTRACT	NO. 6	8620
		ILLINOIS FED. AI	D PROJECT		

MINIMUM BAR LAP

#6 bar = 3'-4"

3-#5 s1(E) bars typ. Each End

3-#5 s(E) bars typ. Each End

\*1" \phi Holes thru web for m3(E) bars, typ.