

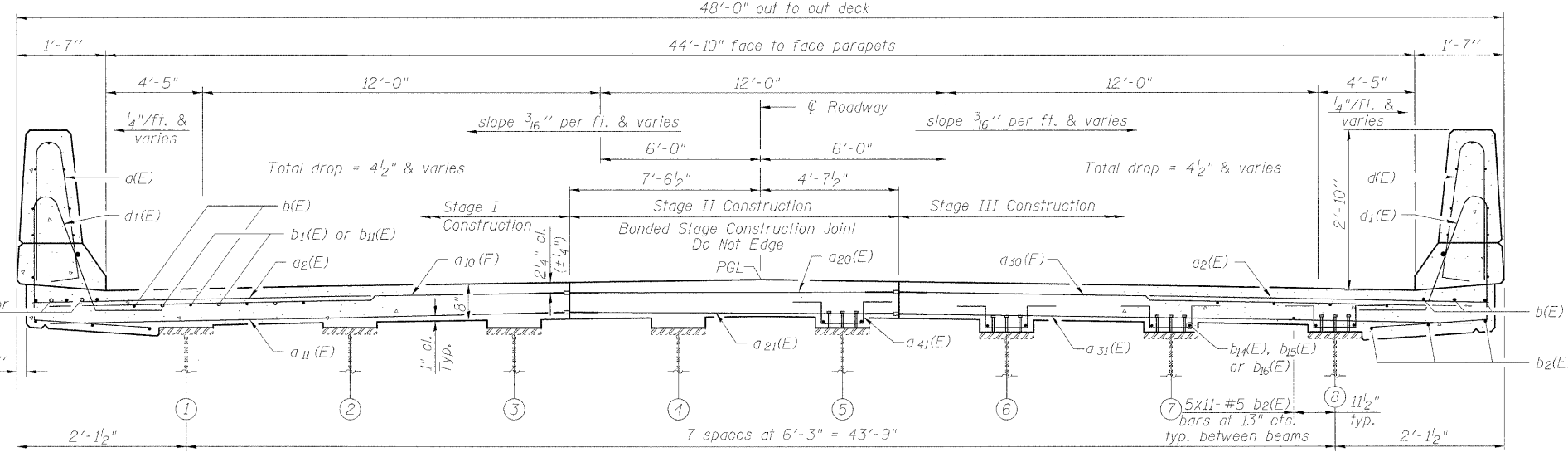
\* Order  $a_{10}(E)$ ,  $a_{20}(E)$ ,  $a_{30}(E)$  &  $a_{11}(E)$ ,  $a_{21}(E)$ ,  $a_{31}(E)$  bars full length. Cut to fit skew and use remainder of bars in opposite end.

**Notes:**  
 See Sheet 17 of 49 for superstructure details and Bill of Material.  
 Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.  
 See Sheets 17 thru 20 of 49 for parapet reinforcement.  
 See Sheet 26 of 49 for schedule of  $a_{41}(E)$  bars.  
 See Sheet 26 of 49 for schedule of  $b_{14}(E)$  bars.

**Minimum reinforcement bar lap splice length**  
 #5 2'-2"

Deck dimensions are at right angles to the  $\text{C.L.}$ .  
 Beam spaces and overhangs are at right angles to the beams.

DESIGNED - MJB/MAJ
CHECKED - JFS
DRAWN - MSJ/MLB
CHECKED - MJB
S-2-L(K30°)



**CROSS SECTION**  
 (Looking North)  
 NEAR PIER NEAR MIDSPAN

**BAR SPLICER TABLE**

**At Stage I Const. Joint**  
 Connect  $a_{10}(E)$  bars to  $a_{20}(E)$  bars  
 Connect  $a_{11}(E)$  bars to  $a_{21}(E)$  bars  
 Connect  $a_{14}(E)$  bar to  $a_{24}(E)$  bar  
 Connect  $a_{13}(E)$  bars to  $a_{23}(E)$  bars  
 Connect  $a_{15}(E)$  bars to  $a_{25}(E)$  bars

**At Stage II Const. Joint**  
 Connect  $a_{20}(E)$  bars to  $a_{30}(E)$  bars  
 Connect  $a_{21}(E)$  bars to  $a_{31}(E)$  bars  
 Connect  $a_{24}(E)$  bar to  $a_{34}(E)$  bar  
 Connect  $a_{26}(E)$  bars to  $a_{33}(E)$  bars  
 Connect  $a_{25}(E)$  bars to  $a_{35}(E)$  bars

**SUPERSTRUCTURE**  
 STRUCTURE NO. 058-0014

 <b>Foth</b> Foth Infrastructure & Environment, LLC 1610 Broadview Drive Champaign, IL 61821 Phone: 217-352-4100 Fax: 217-352-0085 Illinois Registration Number 154-004913	SHEET NO. 13	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	49 SHEETS	710	(50Z-VB)BR	MACON	79	39
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 74215				