



**PIER 11 NORTH ELEVATION**  
(Looking South)

*Note:*  
Beams are numbered East to West.

PIER 11 GIRDER REACTION TABLE			
	Span 11	Span 12	Span 13
$R_{DL}$ (k)	24.7	57.2	51.8
$R_{SDL}$ (k)	8.2	18.9	17.4
$R_{LL}$ (k)	24.9	48.6	47.9
$R_I$ (k)	6.9	12.2	12.5
$R_{Total}$ (k)	64.7	136.9	129.6

*Note:*  
Reactions provided are for the maximum girder spacing and length within the span indicated. Contractor shall verify loading at each shoring location. Cost included in pay item 'Temporary Shoring and Cribbing.'

**BILL OF MATERIAL**

SYMBOL	ITEM	UNIT	QUANTITY
	Structural Repair of Concrete, (Depth Equal To or Less Than 5")	Sq. Ft.	526
	Temporary Shoring and Cribbing	Each	8

USER NAME =	DESIGNED - AMS	REVISED -
	DRAWN - DR	REVISED -
PLOT SCALE =	CHECKED - JMH	REVISED -
PLOT DATE =	DATE - DECEMBER 2012	REVISED -

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2012-055BR	COOK	107	81
CONTRACT NO.			60V58	
ILLINOIS FED. AID PROJECT				