

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	
RSDL (k)	8.2	18.9	17.4	
RLL (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

_	
COLLINS 13 N. Macker Dr. Suite 900 Chicago. 11. 60606	Г
ENGINEERS Fox (312) 704-9300 ENGINEERS www.collfnsengr.com	
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-800993	Γ

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
90/94	2012-055BR	соок	107	81		
		CONTRACT	NO. 6	0V58		
ILLINOIS FED. AID PROJECT						