

PIER 20 SOUTH ELEVATION

(Looking North)

Temporary Shoring and Crabin to Facilitate Concrete Repair (iz EA)

| 10 SF. | 29 SF. | 8 SF. | 10 SF.

PIER 20 NORTH ELEVATION

(Looking South)

Note:

The numbers of the beams to be shored were not included in the inspection notes.

PIER 20						
GIRDER REACTION TABLE						
		Span 20	Span 21			
R DL	(k)	42.0	45.7			
RSDL	(k)	13.8	14.8			
RLL	(k)	46.5	47.1			
R_I	(k)	13.0	12.9			
RTotal	(k)	115.3	120.5			

Note:

Due to variable girder type, spacing, and span, reactions provided are a general indication for the loads within the indicated span. Contractor shall verify loading at each shoring location. Cost included in pay item 'Temporary Shoring and Cribbing.'

<u>BILL OF MATERIAL</u>

SYMBOL	ITEM	UNIT	QUANTITY
	Structural Repair of Concrete, (Depth Equal To or Less Than 5")	Sq. Ft.	312
	Structural Repair of Concrete, (Depth Greater Than 5")	Sq. Ft.	70
	Temporary Shoring and Cribbing	Each	7



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

PIER 20 REPAIRS					
I–90∕94	OVER ASHLAND AVE (SN 016-0133)				
	SHEET NO. S29 OF S34 SHEETS				

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE
90/94	2012-055BR	соок	107	90
		CONTRACT	NO. 6	0٧58
	TILINOIS EED AT	IN PROJECT		