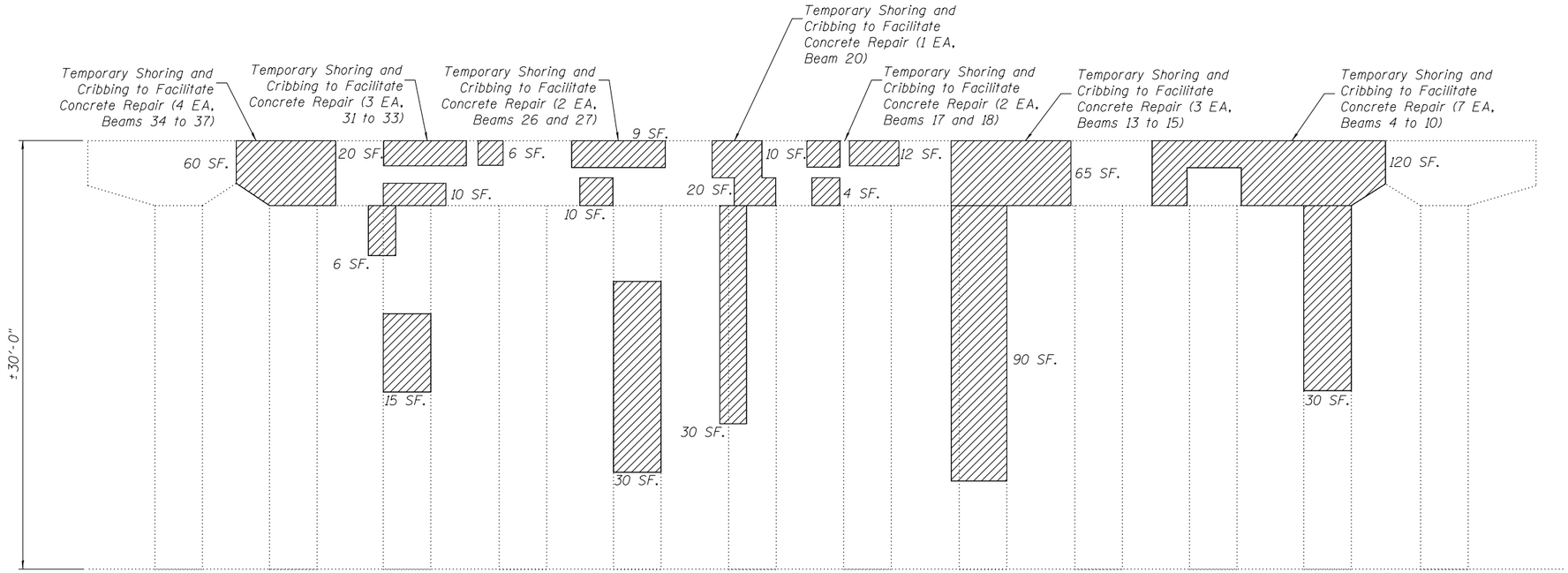
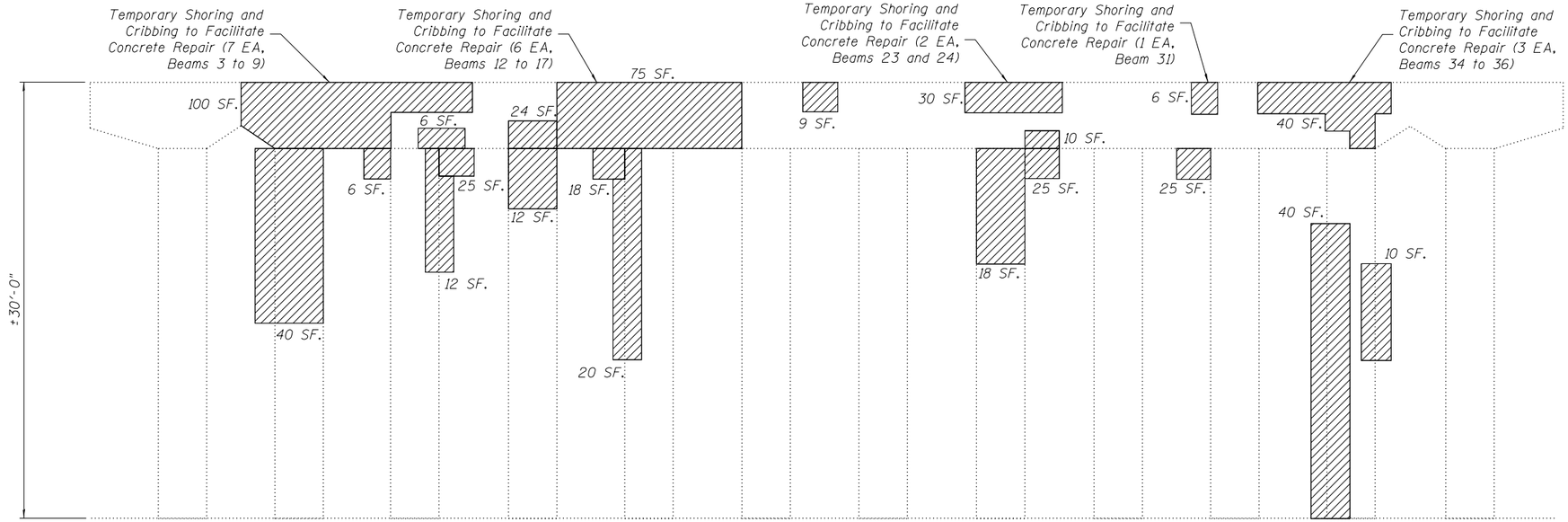


PIER 6 SOUTH ELEVATION

(Looking North)

Note:
Beams are numbered East to West.



PIER 6 NORTH ELEVATION

(Looking South)

PIER 6 GIRDER REACTION TABLE			
		Span 6	Span 7
R_{DL}	(k)	50.7	50.7
R_{SDL}	(k)	14.6	14.6
R_{LL}	(k)	36.8	36.8
R_{I}	(k)	9.2	9.2
R_{Total}	(k)	111.3	111.3

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.	1098
	Temporary Shoring and Cribbing	Each	41

COLLINS ENGINEERS
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Tele. (312) 704-9300 Fax (312) 704-9320 www.collinseng.com
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-000993

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 6 REPAIRS
I-90/94 OVER ASHLAND AVE (SN 016-0133)
SHEET NO. S15 OF S34 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2012-055BR	COOK	107	76
		CONTRACT NO. 60V58		
	ILLINOIS	FED. AID PROJECT		