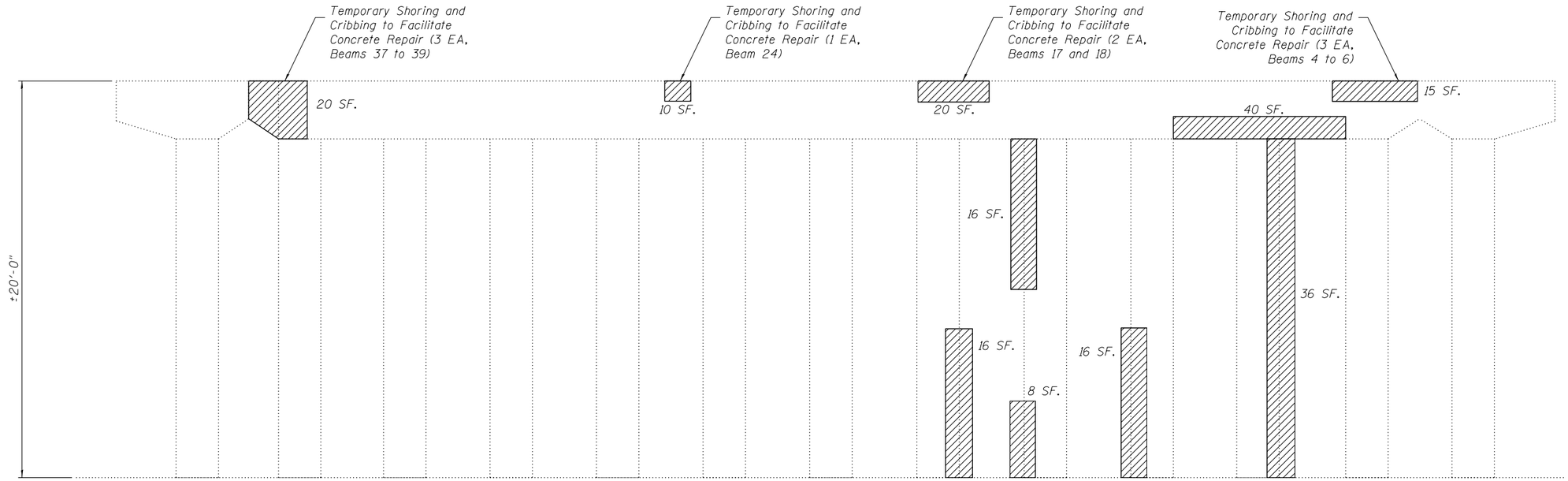
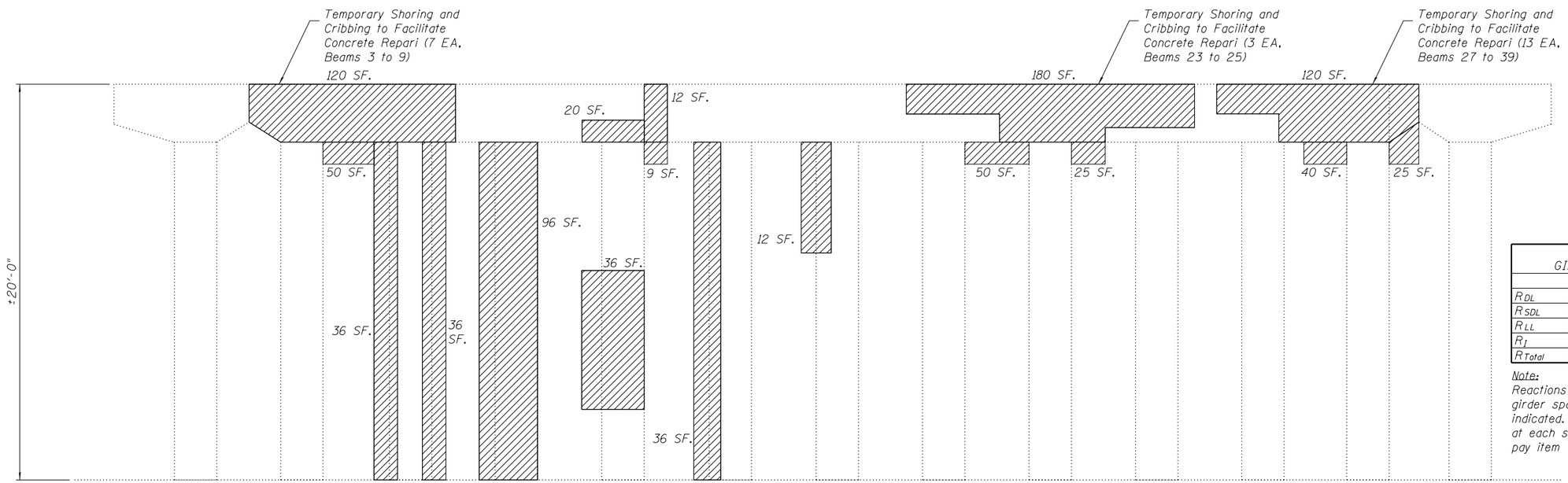


PIER 1 SOUTH ELEVTION

(Looking North)

Note:
Beams are numbered East to West.



PIER 1 NORTH ELEVTION

(Looking South)

PIER 1 GIRDER REACTION TABLE			
		Span 1	Span 2
R_{DL}	(k)	48.3	46.8
R_{SDL}	(k)	13.1	12.4
R_{LL}	(k)	33.0	30.6
R_{I}	(k)	8.3	7.7
R_{Total}	(k)	102.7	97.5

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.	1100
	Temporary Shoring and Cribbing	Each	32

COLLINS ENGINEERS
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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 1 REPAIRS
I-90/94 OVER ASHLAND AVE (SN 016-0133)

SHEET NO. S10 OF S34 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2012-055BR	COOK	107	71
		CONTRACT NO. 60V58		
		ILLINOIS FED. AID PROJECT		