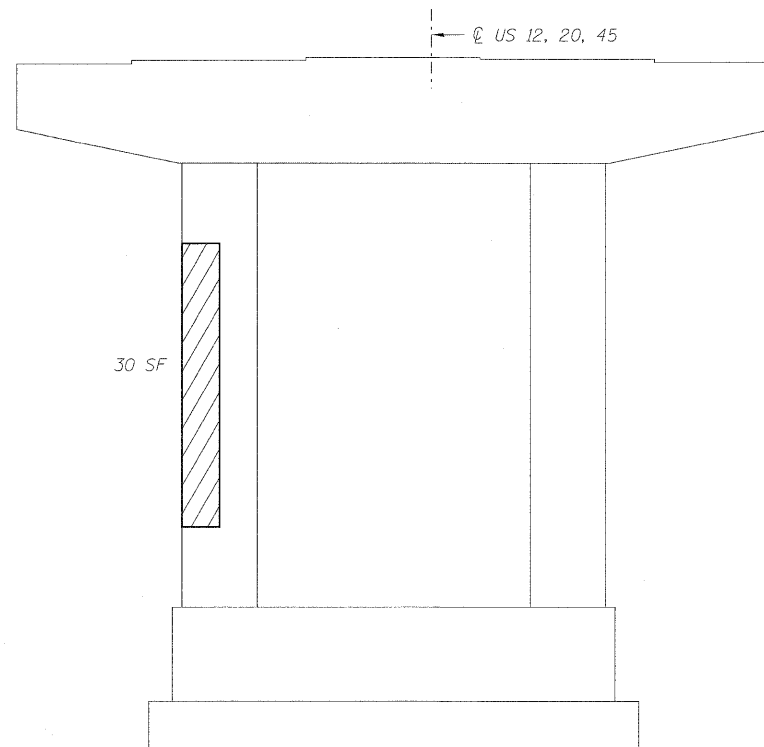
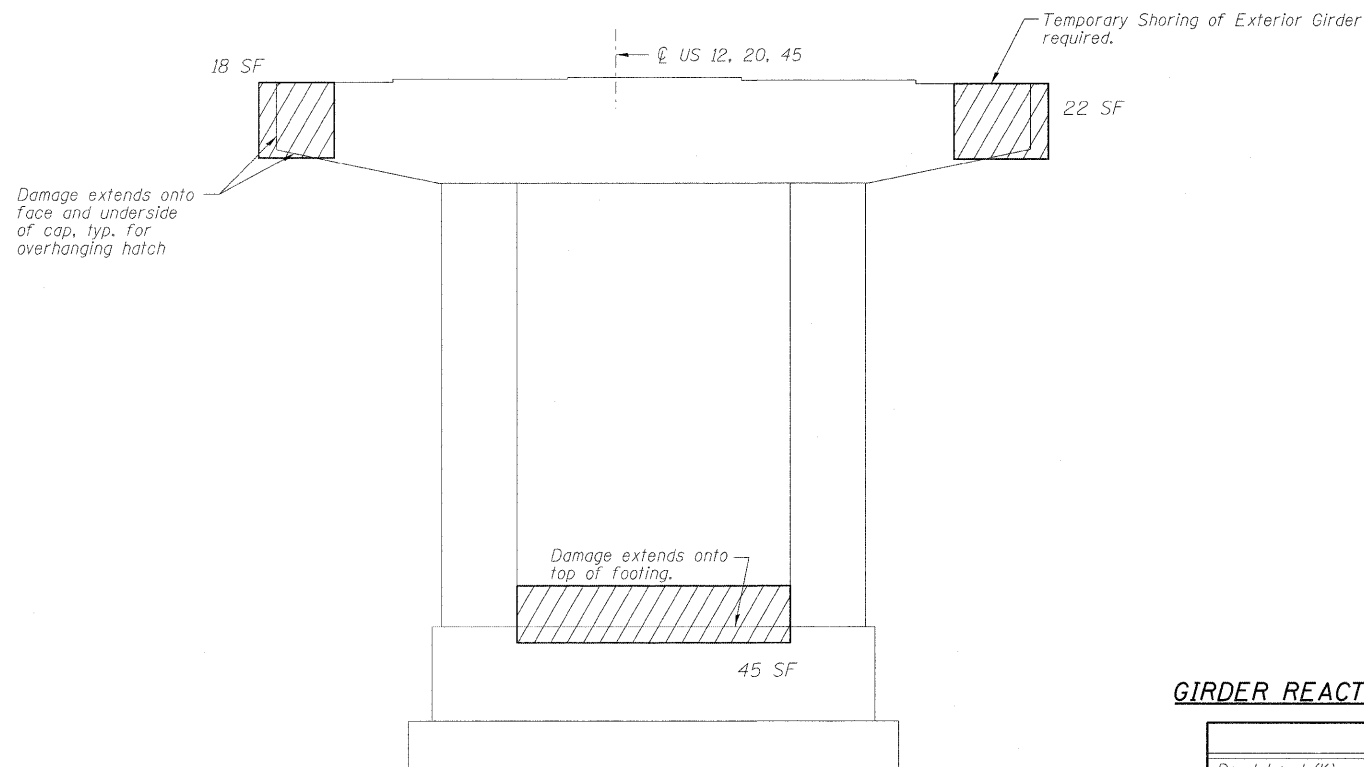


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PIER 4 SOUTH FACE (Looking North)



PIER 4 NORTH FACE (Looking South)

ELEVATION - REMOVAL AND REPAIR


NOTES

Temporary Shoring and Cribbing required to complete bearing replacement and/or Structural Repair of Concrete (Depth Equal to or Less Than 5 inches) shall not be paid for separately but shall be included in the cost of Jack and Remove Existing Bearings. When doing the pier repair and bearing replacement at the same time, the structure shall not be jacked up from the pier, the weight must be taken off of the pier, in the area of the repair of the pier. Concrete must be cured to minimum strength for the repair before bearing can be replaced and weight put back on the pier, according to special provisions.

DESIGNED -	SLV
CHECKED -	DJB
DRAWN -	SLV
CHECKED -	DJB

LONCO, INC.
CONSULTING ENGINEERS
1560 WALL ST, SUITE 222
NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100

LEGEND

 Structural Repair of Concrete (Depth <= 5")

GIRDER REACTION TABLE

	Pier 4 N
Dead Load (K)	38.7
Live Load (K)	54.8
Impact (K)	14.3
Total (K)	107.8
Min. Jack Capacity (Tons)	56

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth less than equal to 5")	Sq. Ft.	115

The quantities shown are for estimating purposes only. The area to be repaired will be determined by the Engineer at the time of Construction. Actual repair locations shall be shown on the as-built plans.

**PIER 4 REPAIR
STRUCTURE NO. 016-2406**

SHEET NO. 15 OF 18 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	330	462 X-B-I-1	COOK	41	31
	D-91-228-10			CONTRACT NO. 60J38	
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					