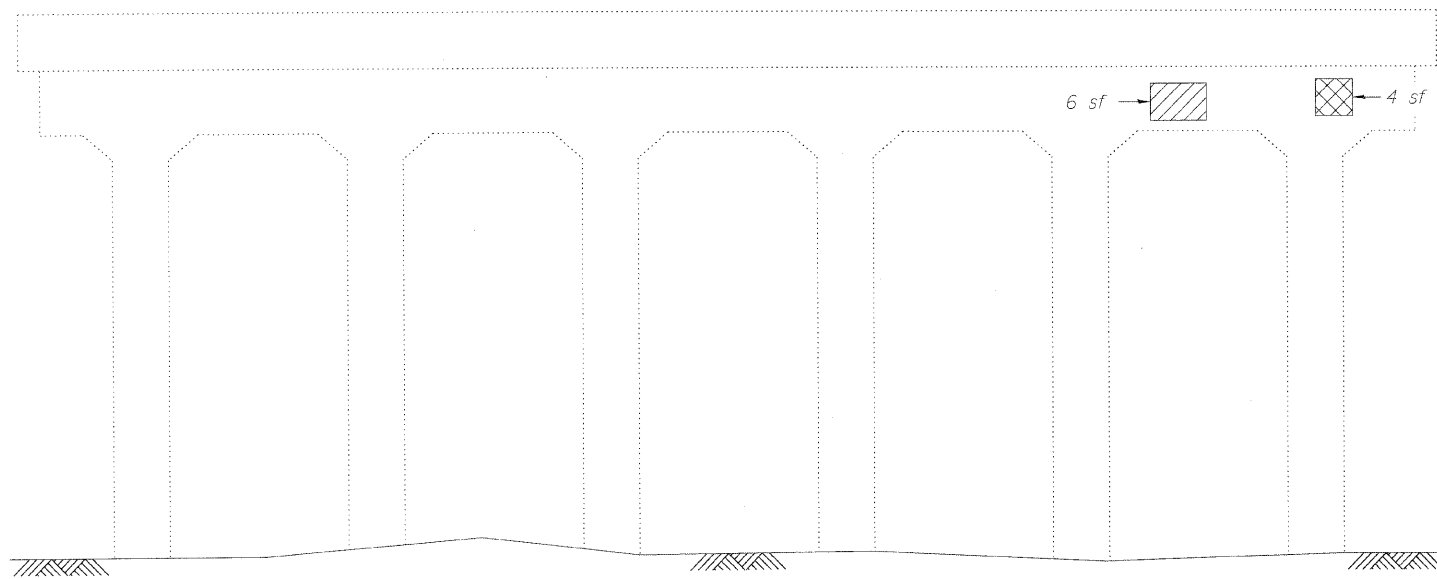
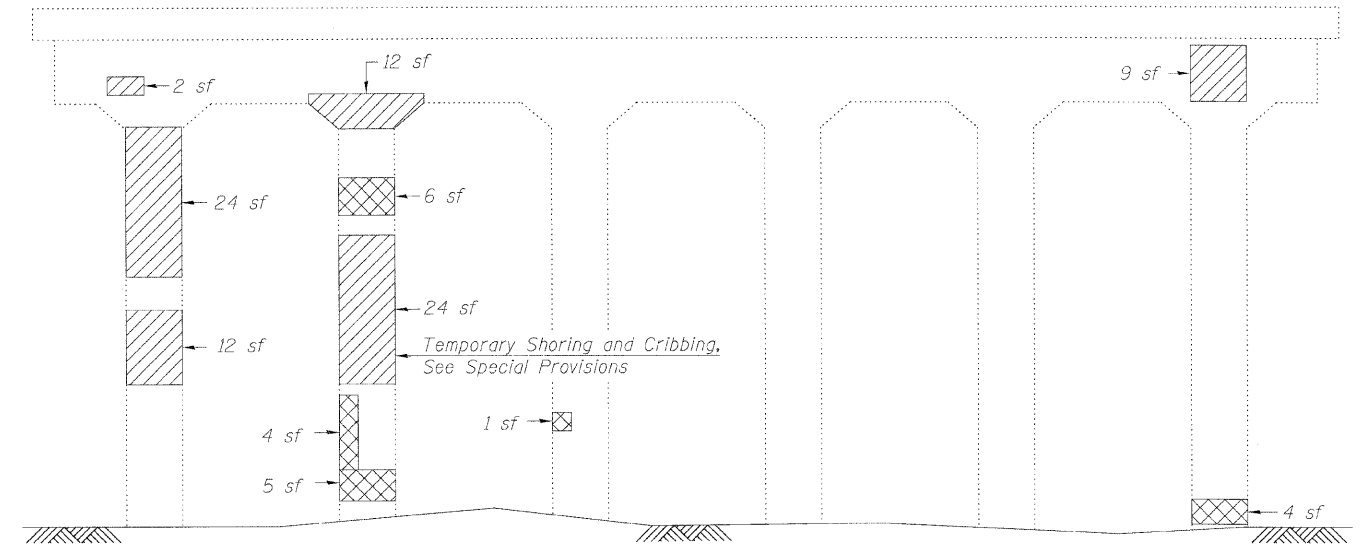


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



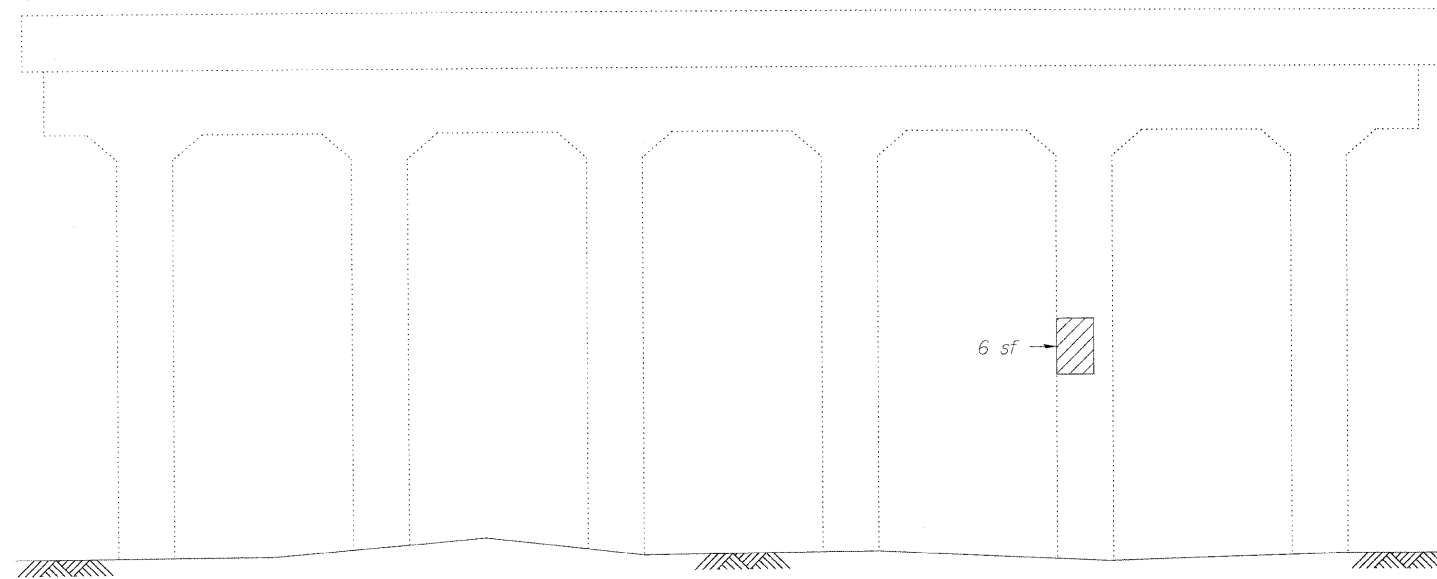
PIER 1
(Looking South)



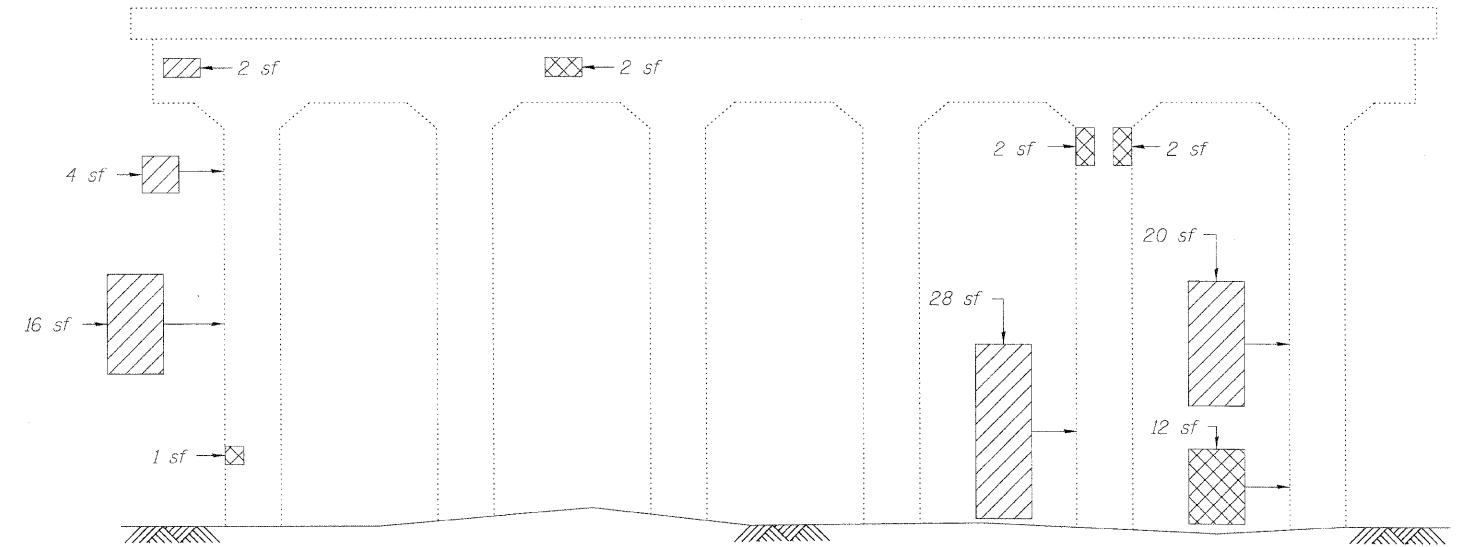
PIER 2
(Looking South)

BEAM REACTION TABLE

Dead Load (K)	39.9
Live Load (K)	58.7
Impact (K)	16.9
Total (K)	115.5



PIER 1
(Looking North)



PIER 2
(Looking North)

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5 in.)	Sq. Ft.	165
Structural Repair of Concrete (Depth Greater Than 5 in.)	Sq. Ft.	43
Temporary Shoring and Cribbing	Each	1

LEGEND

Structural Repair of Concrete
(Depth Equal to or Less Than 5 in.)

Structural Repair of Concrete
(Depth Greater Than 5 in.)

sf Square Feet

Note:
Repair of the existing piers shall include but may not be limited to the areas shown. The actual areas to be repaired will be determined by the Engineer at the time of construction.

SUBSTRUCTURE REPAIR DETAILS-2
STRUCTURE NO. 016-0315

 LIN ENGINEERING, LTD. Consulting Engineers Chatham, Illinois	SHEET NO. 14	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	17 SHEETS	348	(0708.1&2323.5)B	COOK	47	25
				CONTRACT NO. 60D69		
ILLINOIS FED. AID PROJECT						

Designed By: RH
Date: March, 2010

Checked By: MTH
File: 016-0315.dgn

Drawn By: RH