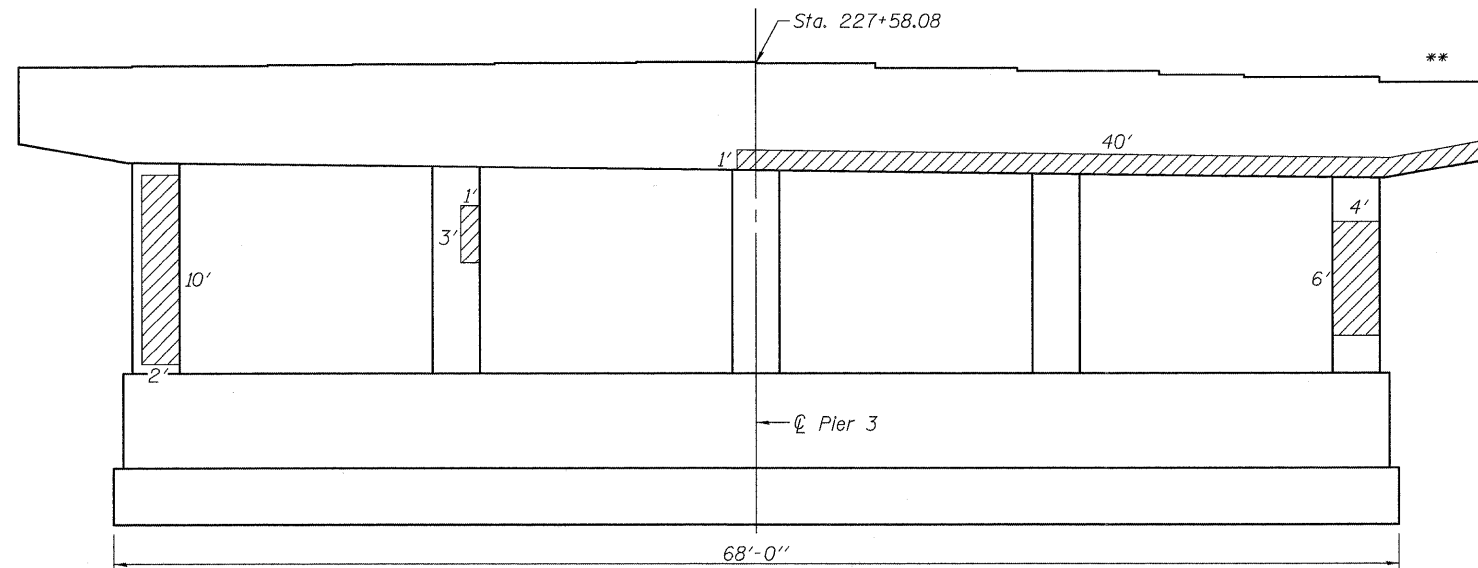


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2943	1212.8 -I-1	Cook	51	39
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

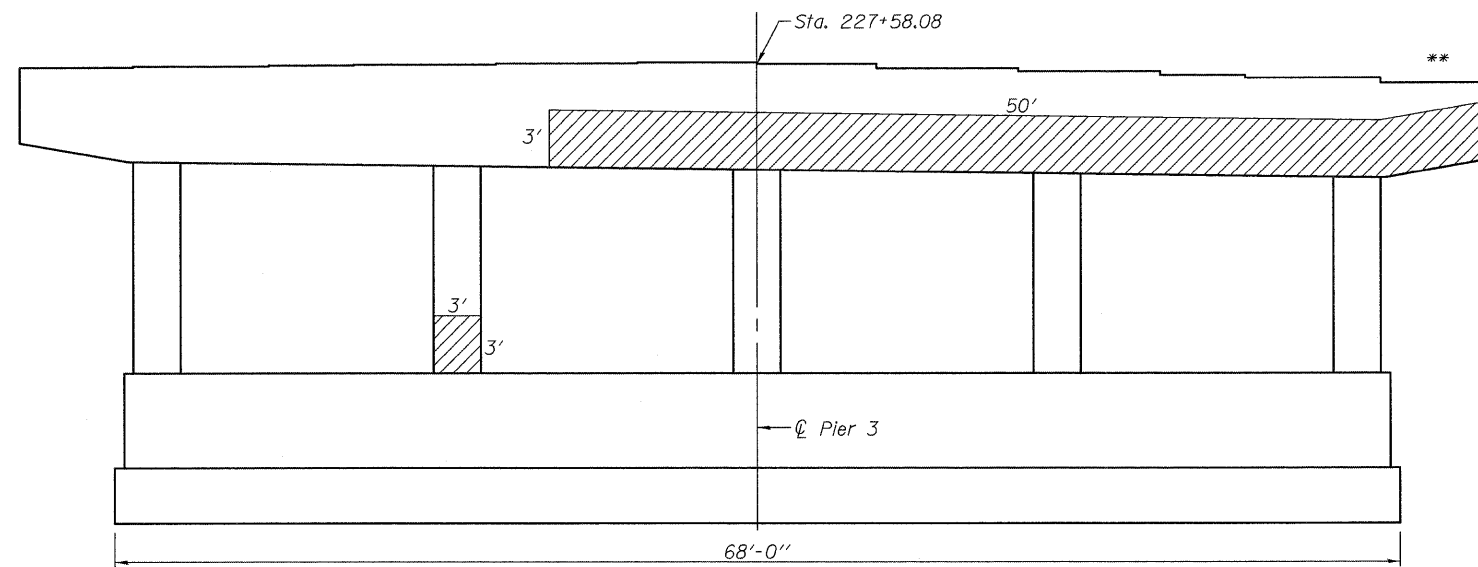
SHEET NO. 29

35 SHEETS

Contract # 60D74



PIER 3-SOUTH FACE ELEVATION



PIER 3-NORTH FACE ELEVATION

REACTION TABLE


Bearing Location	Reaction (kips)			
	R _Q	R _L	Impact	R _{Total}
Q S. Brg. Pier 3	35.5	37.9	8.9	82.3
Q N. Brg. Pier 3	36.6	46.5	11.7	94.8

BILL OF MATERIAL

Item	Unit	Quantity
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.	246
Temporary Shoring and Cribbing	Each	2

NOTE:

** Indicates location for Temporary Shoring and Cribbing

 Structural Repair of Concrete (Depth equal to or less than 5")

Detach the downspouts from the pier if necessary and reattach once the work is complete. Cost included with Structural Repair of Concrete (Depth equal to or less than 5").

Structural Repair of Concrete will not be allowed on any two adjacent columns at the same time, except in locations supported by Temporary Shoring and Cribbing. Work on an adjacent column shall not begin until the required curing period has elapsed on the previous column repair.

rjngroup
Excellence through Ownership

200 West Front Street
Wheaton, IL 60187

ILLINOIS DEPARTMENT OF TRANSPORTATION

PIER 3 REPAIRS
BURNHAM AVE OVER STATE ST, R.R. & RIVER
FAU RTE 2943 SECTION 1212.8-I-1
COOK COUNTY
STATION 231+79.04
STRUCTURE NO. 016-0806

DATE: 1-14-2009

DRAWN BY JMT
CHECKED BY WJV