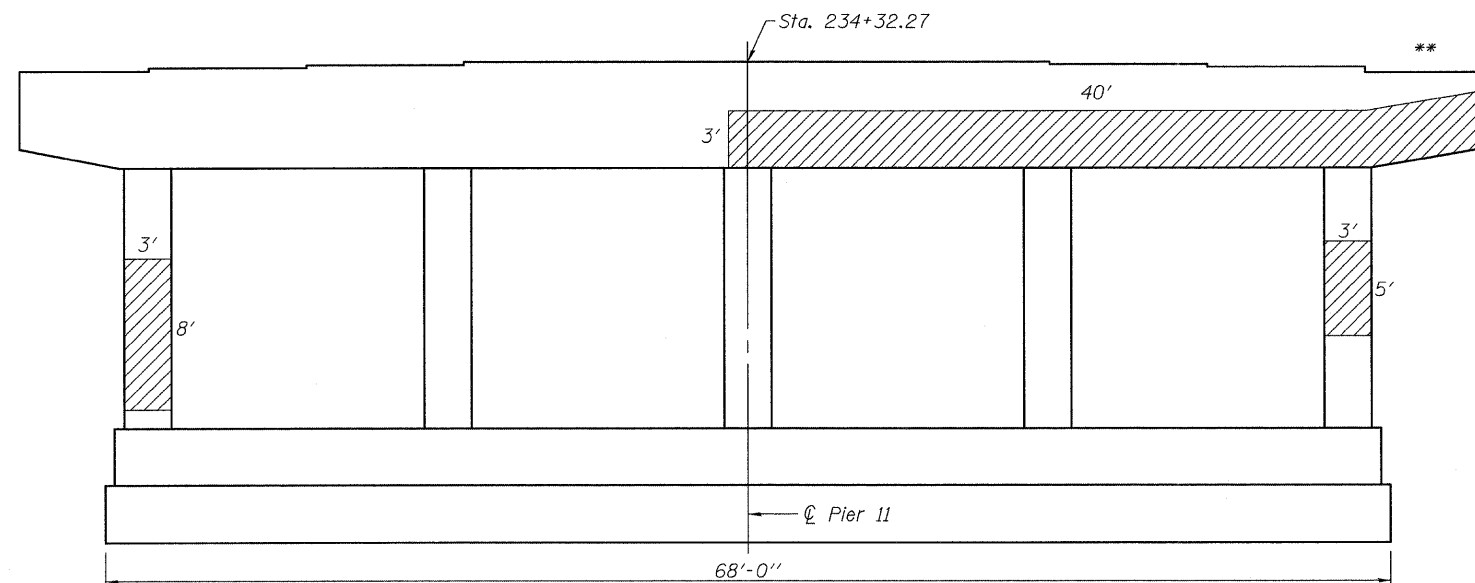


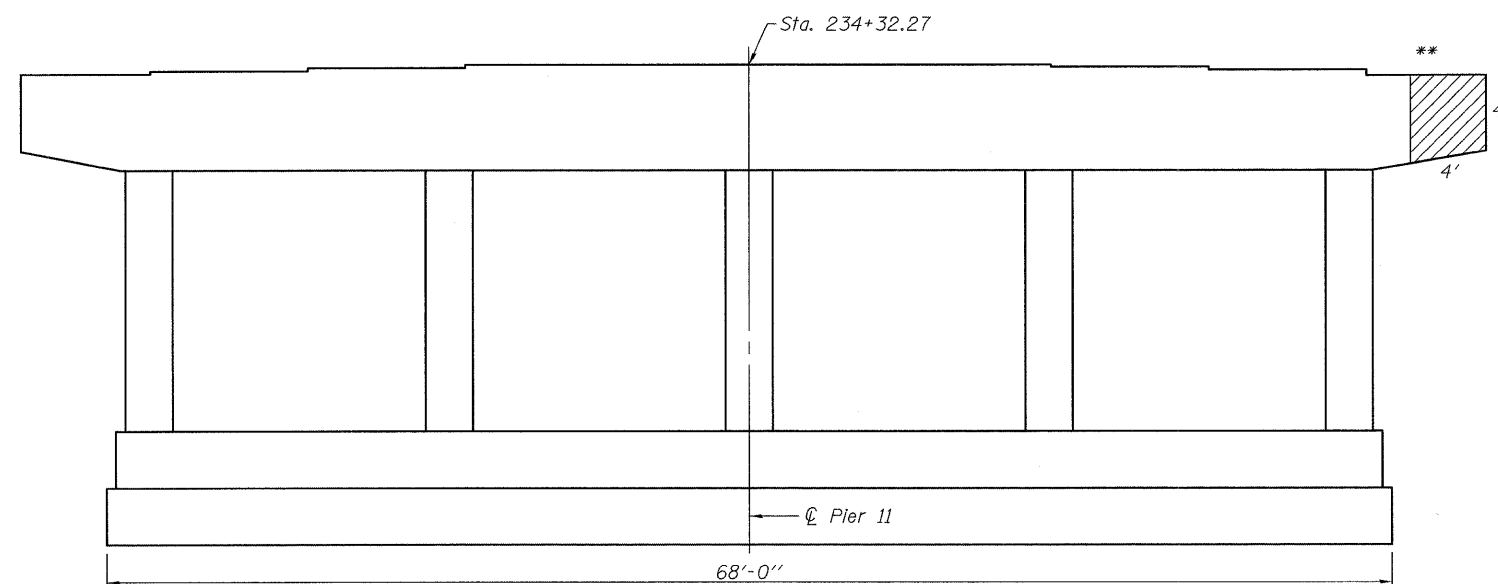
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2943	1212.8 -I-1	Cook	51	41
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 31
35 SHEETS

Contract # 60D74



PIER 11-NORTH FACE ELEVATION



PIER 11-SOUTH FACE ELEVATION

REACTION TABLE

Bearing Location	Reaction (kips)			
	R _Q	R _L	Impact	R _{Total}
C S. Brq. Pier 11	35.7	45.9	11.8	93.4
C N. Brq. Pier 11	34.5	45.9	12.0	92.4

BILL OF MATERIAL

Item	Unit	Quantity
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.	175
Temporary Shoring and Cribbing	Each	2

NOTE:

** Indicates locations of 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.

Excellence through Ownership 200 West Front Street Wheaton, IL 60187	ILLINOIS DEPARTMENT OF TRANSPORTATION
	PIER 11 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

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