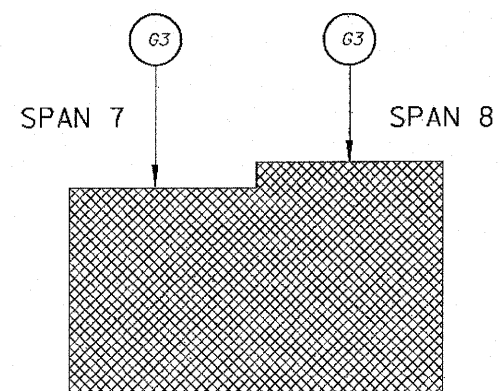
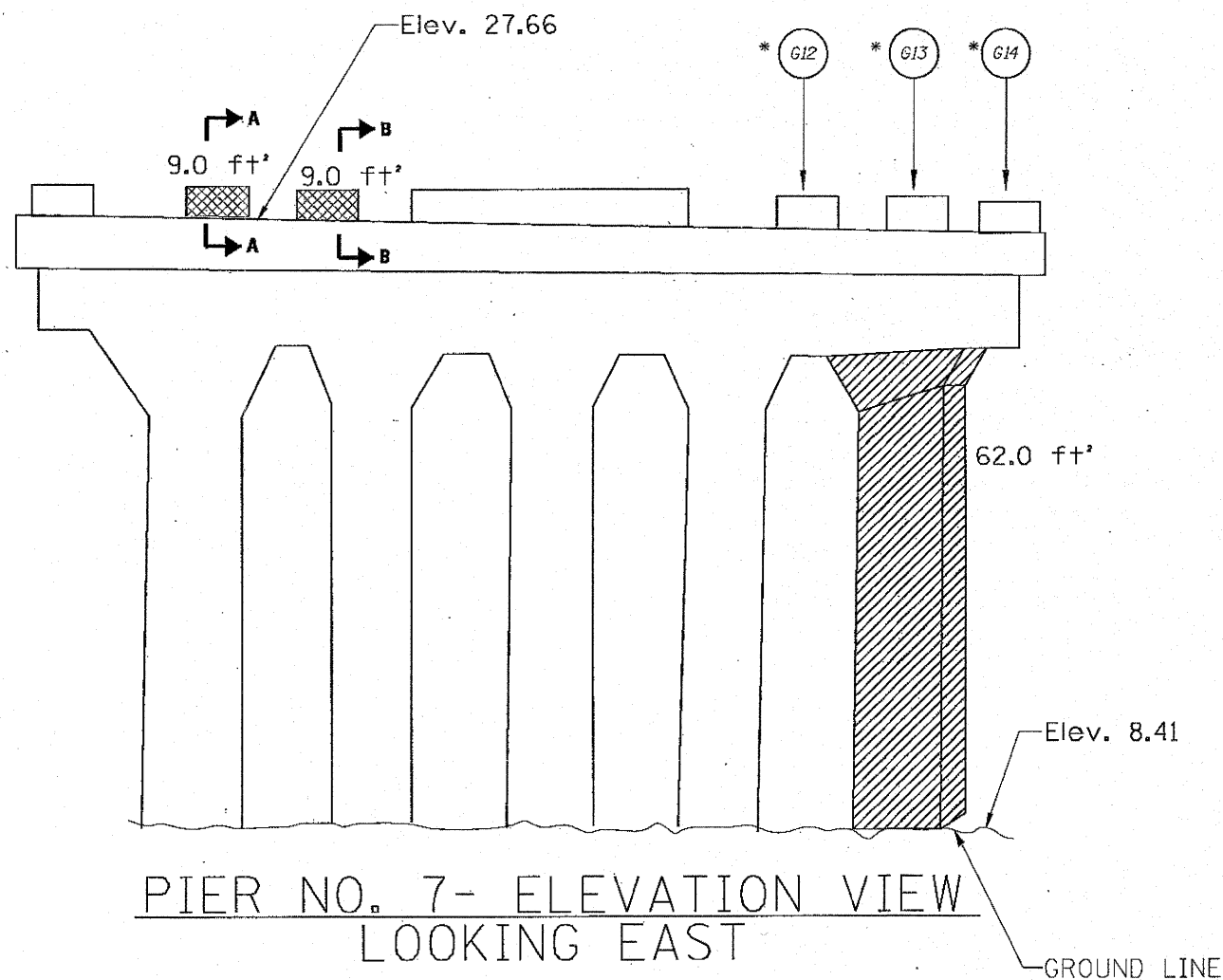



SECTION A-A

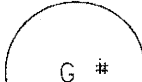


SECTION B-B



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

 — Structural Repair of Concrete (Depth greater than 5")

 — Temporary Shoring and Cribbing

NOTES: Beams are numbered from North to South end of the Pier.

* Temporary Shoring and Cribbing required for East Face and West Face of Pier.

REACTION TABLE

PIER 7	
Reaction DL	15.8 kips
Reaction SDL	14.3 kips
Reaction LL	33.7 kips
Reaction Impact	10.1 kips
Reaction Total	73.91 kips

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Repair of Concrete (Depth equal to or less than 5")	SQ. FT.	62.0
Structural Repair of Concrete (Depth greater than 5")	SQ. FT.	18.0
Temporary Shoring and Cribbing	EACH	10

FILE NAME =	USER NAME = curryw	DESIGNED - ARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	39TH ST. (PERSHING RD) OVER RACINE AVE (SN 016-0396) SUBSTRUCTURE REPAIRS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\curryw\d8283498\0162	11-shr-plen.dgn	DRAWN - ARP	REVISED -			90/94	2011-068-BR	COOK	21	8	
		PLOT SCALE = 3/4" = 1' - 0"	REVISED -			CONTRACT NO. 60P87					
		PLOT DATE = 1/19/2012	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 1" = 10' - 0"		SHEET 5 OF 7 SHEETS		STA. TO STA.			