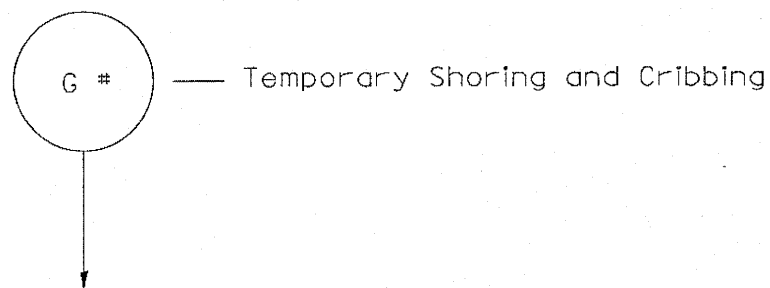
 —Structural Repair of Concrete (Depth equal to or less than 5")

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



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

PIER NO. 9- ELEVATION VIEW
LOOKING EAST

REACTION TABLE	
PIER 9	
Reaction DL	19.2 kips
Reaction SDL	17.4 kips
Reaction LL	35.3 kips
Reaction Impact	9.88 kips
Reaction Total	81.78 kips

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Repair of Concrete (Depth equal to or less than 5")	SQ. FT.	20.0
Structural Repair of Concrete (Depth greater than 5")	SQ. FT.	8.0
Temporary Shoring and Cribbing	EACH	2

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.
o:\p\work\p\dot\curryw\0283496\DJ16211-sht-plan.dgn	PLOT SCALE = 3/4" = 1' = 0	DRAWN - ARP	REVISED -			90/94	2011-068-BR	COOK	21	9
	PLOT DATE = 1/19/2012	CHECKED - AM	REVISED -			SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.		CONTRACT NO. 60P87		
		DATE - 12/22/11	REVISED -			ILLINOIS FED. AID PROJECT				