

Temporary Shoring and Cribbing required.

Top of Pier Cap

## **BEAM REACTIONS**

		South Brg. Pier #4	North Brg. Pier #4
RΨ	(k)	42.8	21.6
RŁ	(k)	37.7	33.3
Imp.	(k)	8.7	9.3
RTotal	(k)	89.2	64.2

62.53.8 E. Face 13.0 W. Face

PIER #4 - SOUTH FACE
SN 025-0071

## BILL OF MATERIAL

ITEM	UNIT	TOTAL	
Temporary Shoring & Cribbing	Each	8	
Structural Repair of Concrete (Depth Equal to or Less than 5′′)	Sq. Ft.	405.6	

NOTE: QUANTITIES ARE ESTIMATED. ACTUAL QUANTITIES TO BE DETERMINED BY THE RESIDENT ENGINEER.

FILE NAME =	USER NAME = \$USER\$	DESIGNED - MEA	REVISED -	STRUCTURAL REPAIR OF CONCRETE ≤5"		F.A.I.	SECTION	COUNTY	TOTAL SHEET		
\$FILEL\$		DRAWN - CKT	REVISED -	STATE OF ILLINOIS	SN 025-0071 (NB)  SCALE: SHEET 13 OF 22 SHEETS STA. TO STA.		57	(25-6, 7)RS-2	EFFINGHAM	63 41	
	PLOT SCALE = \$SCALE\$	CHECKED - MEA	REVISED -	DEPARTMENT OF TRANSPORTATION				CONTRACT NO. 74638			
\$MODELNAME\$	PLOT DATE = \$DATE\$	DATE - 8/11/2014	REVISED -				ILLINOIS FED. AID PROJECT				