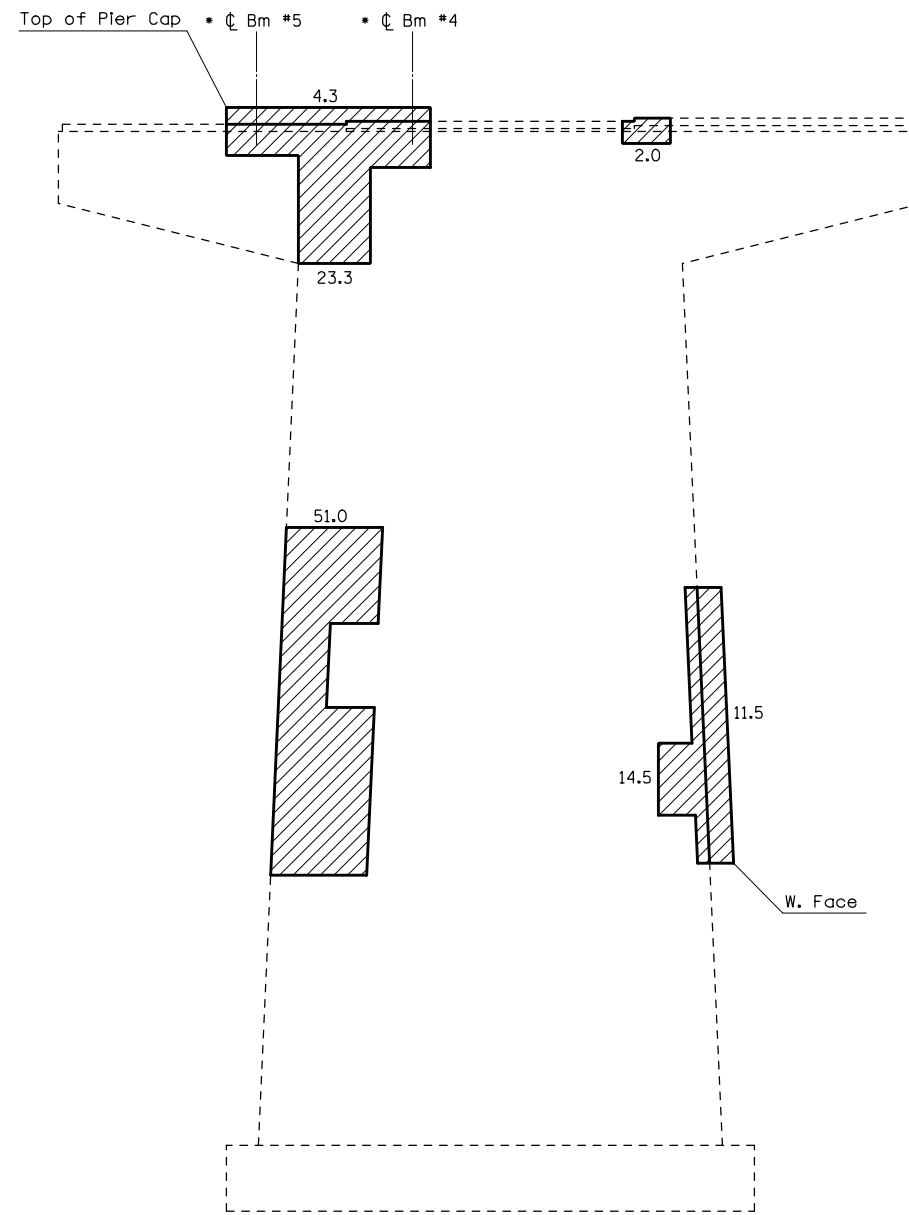


**PIER #4 - NORTH FACE**

SN 025-0072



**PIER #4 - SOUTH FACE**

SN 025-0072

\* Temporary Shoring and Cribbing required.

**BEAM REACTIONS**

	South Brg. Pier #4	North Brg. Pier #4
R <sub>D</sub> (k)	21.6	42.8
R <sub>L</sub> (k)	33.3	37.7
Imp. (k)	9.3	8.7
R <sub>Total</sub> (k)	64.2	89.2

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

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Temporary Shoring & Cribbing	Each	4
Structural Repair of Concrete (Depth Equal to or Less than 5")	Sq. Ft.	186.7

FILE NAME =	USER NAME = *USER*	DESIGNED - MEA	REVISED -
*FILEL*		DRAWN - CKI	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - MEA	REVISED -
*MODELNAME*	PLOT DATE = *DATE*	DATE - 8/11/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STRUCTURAL REPAIR OF CONCRETE ≤ 5"**  
**SN 025-0072 (SB)**

SCALE: SHEET 16 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(25-6, 7)RS-2	EFFINGHAM	63	44
			CONTRACT NO. 74638	
ILLINOIS FED. AID PROJECT				