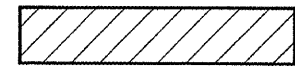


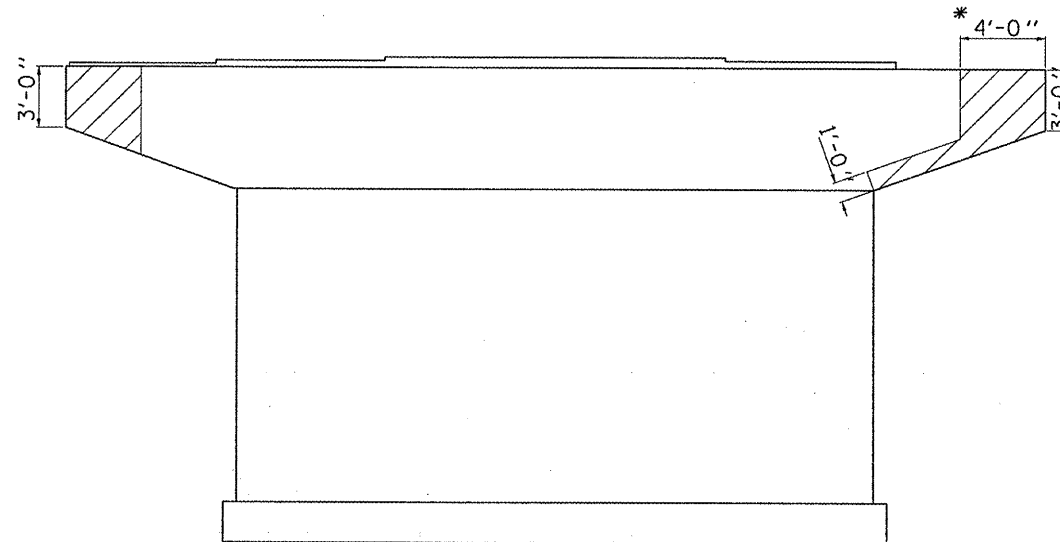
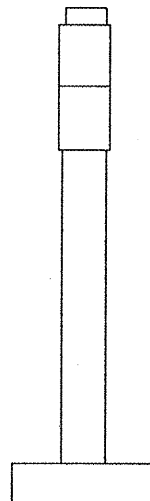
\* TEMPORARY SHORING AND CRIBBING TO BE INSTALLED PRIOR TO START OF SUBSTRUCTURE WORK AT THIS LOCATION.



STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5")

**PIER #3**  
SOUTH FACE

NOTE: DIMENSIONS SHOWN ARE APPROXIMATE, THE ENGINEER SHALL SOUND THE REPAIR AREAS AS SHOWN TO DETERMINE EXACT LIMITS OF STRUCTURAL REPAIR OF CONCRETE.



INTERIOR BEAM REACTION		PIER 3
TABLE HS20 Loading		
R <sub>D</sub>	(k)	71.20
R <sub>L</sub>	(k)	49.27
R <sub>Imp</sub>	(k)	14.29
R <sub>Total</sub>	(k)	134.76

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5")	SQ FT	71
TEMPORARY SHORING AND CRIBBING	EACH	1

**PIER #3**  
NORTH FACE

FILE NAME -	USER NAME - *USER*	DESIGNED - RON WOODSHANK	REVISED - 03/21/2008
*FILEL*		DRAWN - RON WOODSHANK	REVISED - 03/21/2008
	PLOT SCALE - *SCALE*	CHECKED - ---	REVISED - ---
	PLOT DATE - *DATE*	DATE - ---	REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**STRUCTURAL REPAIR OF CONCRETE**

SCALE: SHEET NO. 3 OF 3 SHEETS STA. 571+00.67 TO STA. 573+01.17

F.A.P. RTE. 846	SECTION 6B-111	COUNTY GRUNDY	TOTAL SHEETS 29	SHEET NO. 28
CONTRACT NO. 66728				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				