



16 UNTREATED TIMBER PILES
CAP 20 TONS
EST. LGTH. 20'-0"

BILL OF MATERIAL - PIER NO. 2

BAR NO.	SIZE	LENGTH	SHAPE	BAR NO.	SIZE	LENGTH	SHAPE
h	3/8"	30'-0"	—	1/2	7/8"	15'-6"	—
1/2	20	3/8"	4'-8"	1/2	34	3/8"	7'-3"
1/2	20	3/8"	4'-9"	1/2	20	3/8"	5'-0"
1/2	20	3/8"	5'-0"	1/2	4	1/2"	11'-6"
1/2	4	3/8"	5'-3"	1/2	70	3/8"	4'-9"
1/2	70	3/8"	4'-9"				
CLASS A CONCRETE			Cu. Yds.	60.3			
REINFORCEMENT BARS			LBS.	3100			
UNTREATED PILES (EST. LGTH. 20 FT)			LINE FT.	300			
TIMBER TEST PILES			EACH	1			
METAL PILE SHOES			EACH	16			

NOTE: FOR DETAILS OF BARS 1/2, 1/2, 1/2, 1/2, 1/2 AND
DETAIL OF METAL PILE SHOE, SEE SHEET 9

APPROVED *Walter C. Spon* by *PMC* 1-9-51
COUNTY SUPERINTENDENT OF HIGHWAYS
EXAMINED *H. T. Buehler* 3-26-51
BRIDGE ENGINEER
PASSED
ENGINEER OF DESIGN
APPROVED
CHIEF HIGHWAY ENGINEER

PIER No. 2
STONY CREEK BRIDGE
PROJECT 3-72(2)
C.A.S. Rtg. 502 S.A. Rtg. 4
SECTION 51-D
VERMILION COUNTY
SPA. 17A-50

ALFRED BENESCH & ASSOCIATES
CONSULTING ENGINEERS
30 EAST ADAMS ST. CHICAGO 3, ILL.