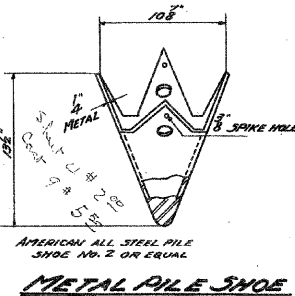


BAR	R	A
h ₁	96"	2'-3"
h ₂	116"	2'-6"
h ₃	116"	2'-9"
h ₄	136"	3'-0"

BARs h₁-h₂-h₃&h₄



BILL OF MATERIAL - PIER NO. 1

BAR NO.	SIZE	LENGTH	SHAPE	BAR NO.	SIZE	LENGTH	SHAPE
h	34	3/8"	30'-0"	V	70	3/8"	16'-6"
h ₁	20	3/8"	4'-6"				
h ₂	20	3/8"	4'-9"	c	45	3/8"	7'-3"
h ₃	20	3/8"	5'-0"				
h ₄	8	3/8"	5'-3"	W	4	1/2"	11'-6"
n	70	3/8"	4'-9"				

CLASS A CONCRETE	Cu. Yds.	68.7
REINFORCEMENT BARS	LBS.	1630
UNTREATED PILES (EST. LGTH. 20 FT.)	Lin. Ft.	440
TIMBER TEST PILES	EACH	1
METAL PILE SHOES	EACH	23

APPROVED *Walter C. Buehler* 1-9-51
 COUNTY SUPERVISOR OF HIGHWAYS
 EXAMINED *W. K. Burrell* 3-26-51
 BRIDGE ENGINEER
 PASSED _____ ENGINEER OF DESIGN
 APPROVED _____ CHIEF HIGHWAY ENGINEER

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

PIER NO. 1
SPRING CREEK BRIDGE
PROJECT 5-72(2)
E.A.S. RTE. 504 - S.A.R.T.E. 4
SECTION 51-B
VERMILION COUNTY
STA. 17+50