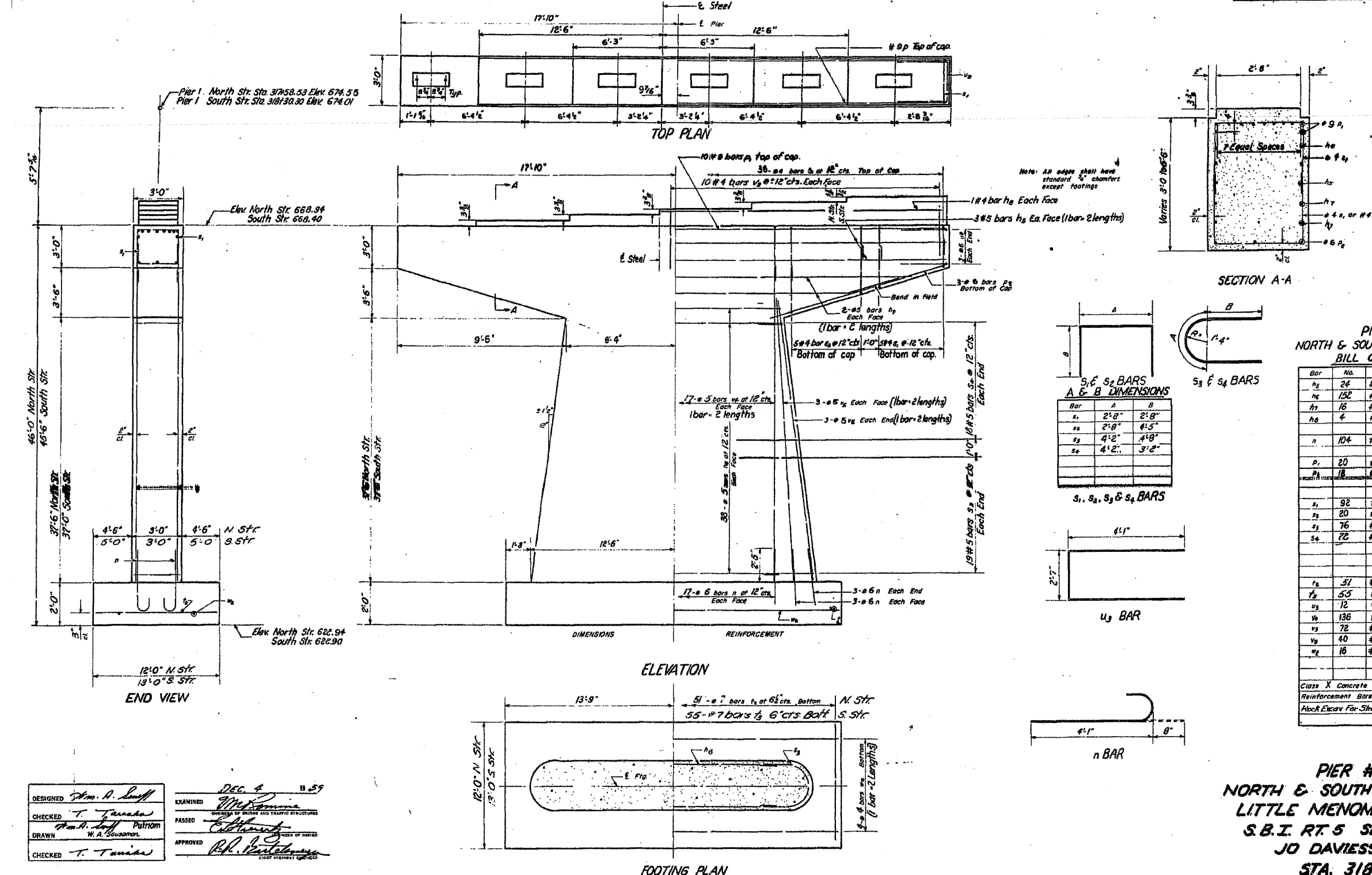


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Rt. 5	44A&B	JO DAVIESS	373	36
SHEET NO. 7				



Note: All edges shall have standard 45° chamfers except footings

S₁, S₂ BARS A & B DIMENSIONS

Bar	A	B
s ₁	2'-8"	2'-8"
s ₂	2'-8"	4'-5"
s ₃	4'-2"	4'-8"
s ₄	4'-2"	3'-2"

S₃, S₄ BARS

**PIER #1
NORTH & SOUTH STRUCTURES
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h ₅	24	# 5	15'-3"	—
h ₆	152	# 5	16'-6"	—
h ₇	16	# 5	15'-9"	—
h ₈	4	# 4	18'-3"	—
n	104	# 6	4'-9"	U
p ₁	20	# 9	35'-3"	—
p ₂	18	# 8	11'-0"	—
s ₁	92	# 4	8'-0"	□
s ₂	20	# 4	11'-6"	□
s ₃	76	# 5	13'-6"	□
s ₄	72	# 5	10'-6"	□
u ₁	51	# 7	11'-9"	—
u ₂	55	# 7	12'-9"	—
u ₃	12	# 6	10'-9"	—
v ₁	136	# 5	22'-0"	—
v ₂	72	# 5	20'-3"	—
v ₃	40	# 4	2'-3"	—
v ₄	16	# 4	14'-0"	—
Class X Concrete		Cu Yd.	266.8	
Reinforcement Bars		Lb.	16,930	
Rock Excav For Struct.		Cu Yd.	25	

**PIER # 1
NORTH & SOUTH STRUCTURE
LITTLE MENOMINEE RIVER
S.B.I. RT. 5 SEC. 44 - B
JO DAVIESS COUNTY
STA. 318 + 30**

DESIGNED: *Wm. A. Soudoff*
CHECKED: *T. Taniwa*
DRAWN: *W. A. Soudoff*
CHECKED: *T. Taniwa*

EXAMINED: *Wm. A. Soudoff*
PASSED: *W. A. Soudoff*
APPROVED: *R. H. ...*

D-2 DRAWN 4-9-57