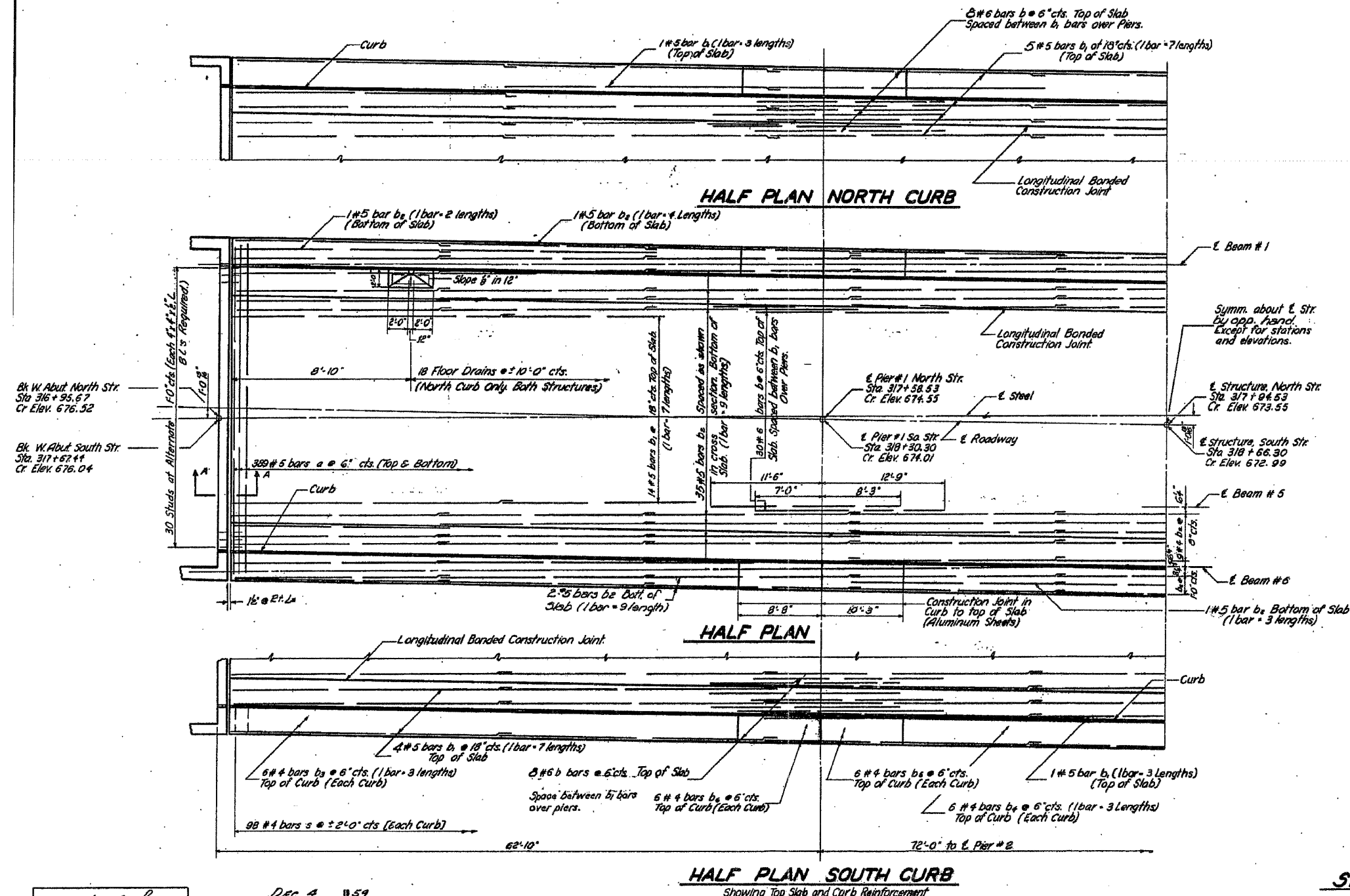


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

DATE	BY	CHECKED	APPROVED	SHEET NO.
11/15/59	4448 B	JO DAVIESS	373	32
SHEET NO. 3				11 SHEETS



**NORTH & SOUTH STRUCTURES  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a	1556	# 5	35'-3"	
b	182	# 6	19'-9"	
b <sub>1</sub>	360	# 5	29'-0"	
b <sub>2</sub>	696	# 5	22'-6"	
b <sub>3</sub>	144	# 4	18'-6"	
b <sub>4</sub>	72	# 4	18'-3"	
b <sub>5</sub>	48	# 4	10'-0"	
b <sub>6</sub>	48	# 4	8'-6"	
d	784	# 4	1'-0"	
s	392	# 4	5'-0"	
Class X Concrete		Cu Yd.	400.8	*
Reinforcement Bars		Lbs.	94,360	*
Structural Steel		Lbs.	155,200	

Weight of Rollers, Rockers, Bearing Plates, Lead Plates, and Anchor Bolts included as Structural Steel. Est. Wt. 13,870 Lbs.  
\* These quantities do not include parapet or end parts which will be found on Sheet #9.

DESIGNED *Wm. A. Smith*  
CHECKED *T. Tanaka*  
DRAWN *Wm. A. Smith*  
CHECKED *T. Tanaka*

EXAMINED *Dec 4 1959*  
PASSED *[Signature]*  
APPROVED *[Signature]*

**HALF PLAN SOUTH CURB**  
Showing Top Slab and Curb Reinforcement

See Sheet #2 for following details:  
Section A-A, Cross Section, Load Deflection Diagram, Curb Detail, and Method of Determining Pile Height

**SLAB REINFORCEMENT LAYOUT  
NORTH & SOUTH STRUCTURES  
LITTLE MENOMINEE RIVER  
S.B.I. RT.5 SEC. 44-B  
JO DAVIESS COUNTY  
STA. 318 + 30**