

**STATE OF MINNESOTA**  
**DEPARTMENT OF HIGHWAYS**  
**CONSTRUCTION PLAN FOR HIGHWAY-RAILROAD CROSSING SIGNALS**  
**ANOKA COUNTY**

43<sup>RD</sup>. AVENUE N. E.  
NORTH OF MINNEAPOLIS  
NORTHERN PACIFIC & GREAT NORTHERN RAILWAYS  
**MINNESOTA F. A. G. S. NO. 197 SEC. A (41) STATE PROJECT NO. 02-503-01**

GROSS LENGTH .....	Feet .....	Miles .....	GROSS LENGTH .....	FEET .....	MILES .....
BRIDGES LENGTH .....	Feet .....	Miles .....	BRIDGES-LENGTH .....	FEET .....	MILES .....
EXCEPTIONS-LENGTH .....	Feet .....	Miles .....	EXCEPTIONS-LENGTH .....	FEET .....	MILES .....
NET LENGTH .....	Feet .....	Miles .....	NET LENGTH .....	FEET .....	MILES .....

SCALES PLAN 1 inch = ... Feet  
PROFILE Horz. 1 inch = ... Feet. Vert. 1 inch = ... Feet

LAYOUT  
Scale 1 inch = 4000. Feet

**SPECIFICATIONS**

The "Specifications for Highway Construction" dated July 1, 1938 and Supplement No. 3, approved by the Public Roads Administration Nov. 15, 1939, as modified by Supplement No. 4, dated March 1, 1940, and approved by the Public Roads Administration April 28, 1941, shall govern.

**CONVENTIONAL SIGNS**

STATE LINE .....	TIMBER .....
COUNTY LINE .....	BRUSH .....
TOWNSHIP OR RANGE LINE .....	ORCHARD .....
SECTION LINE .....	ROCK LEDGE .....
QUARTER LINE .....	SAND .....
SIXTEENTH LINE .....	EDGE OF CUT .....
RIGHT-OF-WAY LINE .....	TOE OF EMBANKMENT .....
PROPERTY LINE (Except Land Lines) .....	CATCH BASIN .....
VACATED PLATTED PROPERTY .....	MANHOLE .....
CORPORATE OR CITY LIMITS .....	FIRE HYDRANT .....
TRUNK HIGHWAY CENTER LINE .....	ARC LAMP .....
RETAINING WALL .....	OTHER LAMPS (State Kind) .....
STEAM RAILROAD .....	RAILROAD CROSSING SIGN .....
ELECTRIC RAILROAD .....	RAILROAD CROSSING BELL .....
RAILROAD RIGHT-OF-WAY LINE .....	ELECTRIC WARNING SIGN .....
CREEK .....	CROSSING GATE .....
RAPIDS OR WATERFALL .....	CATTLE GUARD .....
DRY RUN .....	OVERHEAD (Highway Over) .....
DRAINAGE DITCH .....	UNDERPASS (Highway Under) .....
HIGH TENSION LINE .....	ABUTMENT, WALL & PIER .....
POWER POLE LINE .....	BRIDGE .....
TELEPHONE OR TELEGRAPH LINE .....	BUILDING (One Story Frame) .....
CULVERT .....	F-FRAME C-CONCRETE .....
DROP INLET .....	S-STONE T-TILE .....
GUARD RAIL .....	B-BRICK ST-STUCCO .....
WIRE FENCE .....	IRON PIPE .....
RAILROAD SNOW FENCE .....	STONE MONUMENT .....
BOARD OR HIGHWAY SNOW FENCE .....	WOOD STAKE OR HUB .....
STONE WALL OR FENCE .....	MEANDER CORNER .....
HEDGE .....	
WATER PIPE .....	
SEWER PIPE .....	
DRAIN TILE .....	
GRAVEL PIT .....	
SAND PIT .....	
CLAY PIT .....	
ROCK QUARRY .....	
SPRINGS .....	
MARSH .....	
TRUNK HIGHWAY 1/2 W. .....	
RAILROAD 1/2 W. .....	
PARENT ROAD 1/2 W. .....	

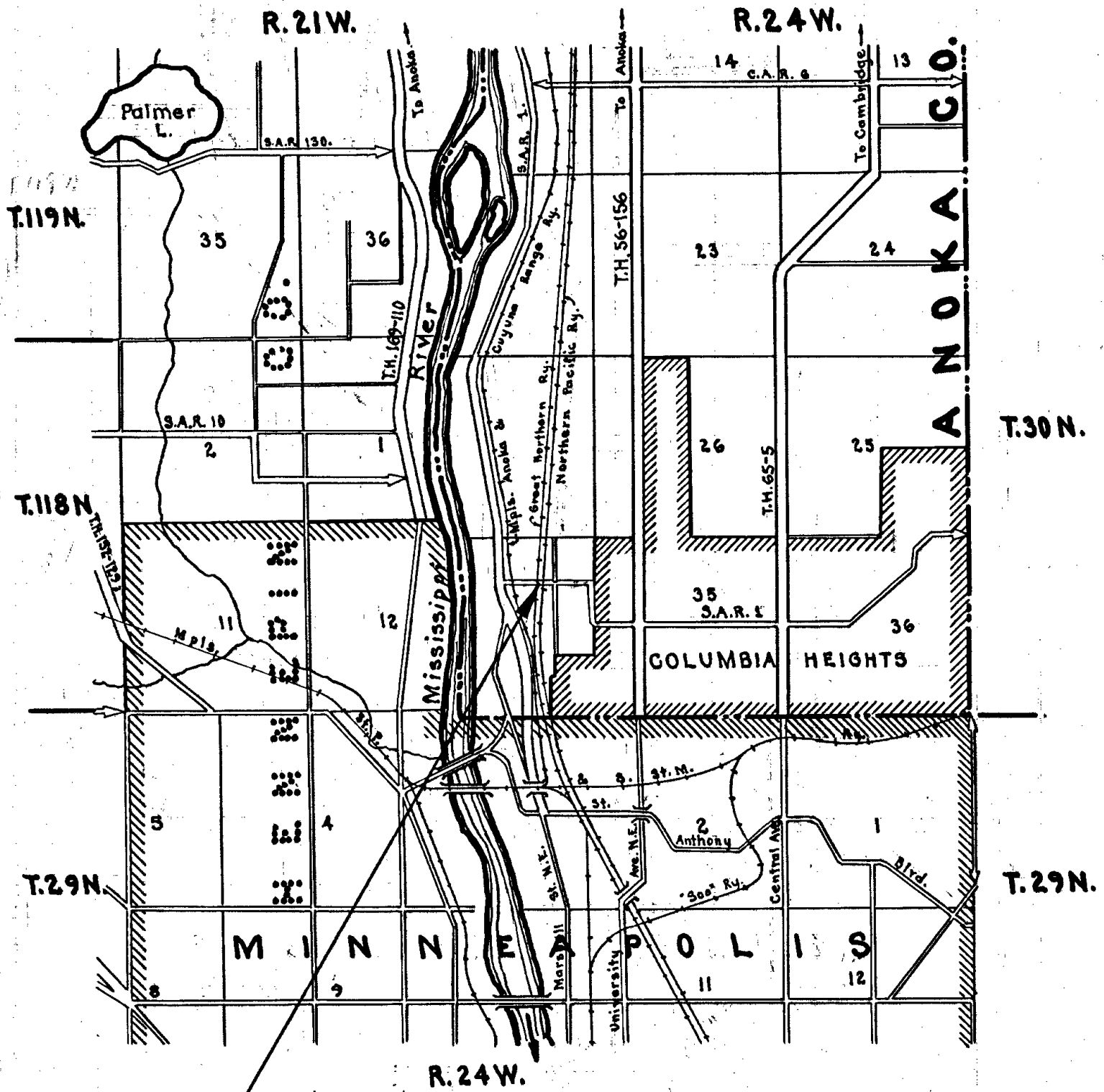
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NOTE: SECTION NUMBERS READ FROM THE SOUTH

**PIT DATA**

PIT NO. ....	Located in .....
	Dead Haul .....
PIT NO. ....	Located in .....
	Dead Haul .....
PIT NO. ....	Located in .....
	Dead Haul .....
PIT NO. ....	Located in .....
	Dead Haul .....



The approximate location of the Signal System is 1326.8 Ft. South and 1401.1 West of the N.E. Cor. of Sec. 34, T. 30 N., R. 24 W.

**HIGHWAY-RAILROAD CROSSING SIGNALS**

Recommended for Approval	<i>H. H. Berg</i>	12/3 1941
	ENGINEER IN CHARGE, NEGOTIATIONS	
Right of Way Approval	<i>J. R. Green</i>	12-3 1941
	ENGINEER OF LANDS & RIGHT OF WAY	
Planned By	<i>C. W. Lilly</i>	12/3 1941
	ENGINEER OF PLANS	
Recommended for Approval	<i>A. E. Conrad</i>	12/3 1941
	DISTRICT ENGINEER	
Recommended for Approval	<i>T. J. Moran</i>	12/3 1941
	ENGINEER OF SURVEYS & DESIGN	
Recommended for Approval	<i>O. L. Kipp</i>	12-3-1941
	ASST. CHIEF ENGINEER & PLANNING ENGINEER	
Approved	<i>J. J. Brown</i>	12-3 1941
	CHIEF ENGINEER	

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

APPROVED

COMMISSIONER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY