

STATE OF MINNESOTA  
DEPARTMENT OF HIGHWAYS  
CONSTRUCTION PLAN FOR  
HIGHWAY-RAILROAD GRADE CROSSING  
SIGNAL SYSTEM  
IN GLOSTER

ON FROST AVE. BETWEEN PHALEN AVE. AND GLADSTONE ST.

MINNESOTA W.P.G.S. NO. 552, SECTION A

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

PLAN. 1 Inch=200 Feet  
PROFILE. Horz. 1 Inch=200 Feet. Vert. 1 Inch=20 Feet  
WORKING PLANS  
Horz. 1 Inch=100 Feet  
Vert. 1 Inch=10 Feet  
Cross-Section. 1 Inch=10 Feet

LAYOUT  
SCALE. 1 Inch=..... Feet

FED. ROAD DIST. NO.	STATE	W.P.G.S. PROJ. NO.	SEC.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MINN.	552	A		1	6

CONVENTIONAL SIGNS & ABBREVIATIONS

STATE LINE	TIMBER	TRUNK HIGHWAY R/W LINE
COUNTY LINE	BRUSH	RAILROAD R/W LINE
TOWNSHIP OR RANGE LINE	ORCHARD	PRESENT ROAD R/W LINE
SECTION LINE	ROCK LEDGE	EXCAVATION
QUARTER LINE	SAND	EARTH
SIXTEENTH LINE	EDGE OF CUT	LOOSE ROCK
RIGHT-OF-WAY LINE	TOE OF EMBANKMENT	SOLID ROCK
PROPERTY LINE (Except Land Lines)	CATCH BASIN	EMBANKMENT
VACATED PLATTED PROPERTY	MANNHOLE	OVERHAUL
CORPORATE OR CITY LIMITS	FIRE HYDRANT	SURFACING
TRUNK HIGHWAY CENTER LINE	ARC LAMP	HAND DITCHING
RETAINING WALL	OTHER LAMPS (State Kind)	SPECIAL EXCAVATION
STEAM RAILROAD	RAILROAD CROSSING SIGN	SPECIAL PLOWING
ELECTRIC RAILROAD	RAILROAD CROSSING BELL	GUARD RAIL
RAILROAD RIGHT-OF-WAY LINE	ELECTRIC WARNING SIGN	CORRUGATED METAL CULVERT
CREEK	CROSSING GATE	SECTIONAL CONCRETE CULVERT (Heavy Type)
RAPIDS OR WATERFALL	CATTLE GUARD	P.C. CULV.
DRY RUN	OVERHEAD (Highway Over)	CONCRETE CULVERT (Light Type)
DRAINAGE DITCH	UNDERPASS (Highway Under)	TON MILES
HIGH TENSION LINE	ABUTMENT, WALL & PIER	TEL. P.
POWER POLE LINE	GIRDER BRIDGE	TRUSS
TELEPHONE OR TELEGRAPH LINE	TRUSS	REPLACE
CULVERTS-PLAIN	TRESTLE	RIGHT
WITH ENDWALLS	BUILDING (One Story Frame)	LEFT
WITH WINGWALLS	F-FRAME C-CONCRETE	INTERSECTION ANGLE
DROP INLET	S-STONE T-TILE	RADIUS
GUARD RAIL	B-BRICK SF-STUCCO	TANGENT
WIRE FENCE	IRON PIPE	LENGTH OF CURVE
RAILROAD SNOW FENCE	STONE MONUMENT	POINT OF CURVE
BOARD OR HIGHWAY SNOW FENCE	WOOD STAKE OR HUB	POINT OF TANGENT
STONE WALL OR FENCE	MEANDER CORNER	POINT OF INTERSECTION
HEDGE		VERTICAL CURVE
WATER PIPE		BENCH MARK
SEWER PIPE		ELEVATION
DRAIN TILE		ACRES
GRAVEL PIT		
SAND PIT		
CLAY PIT		
ROCK QUARRY		
SPRINGS		
MARSH		

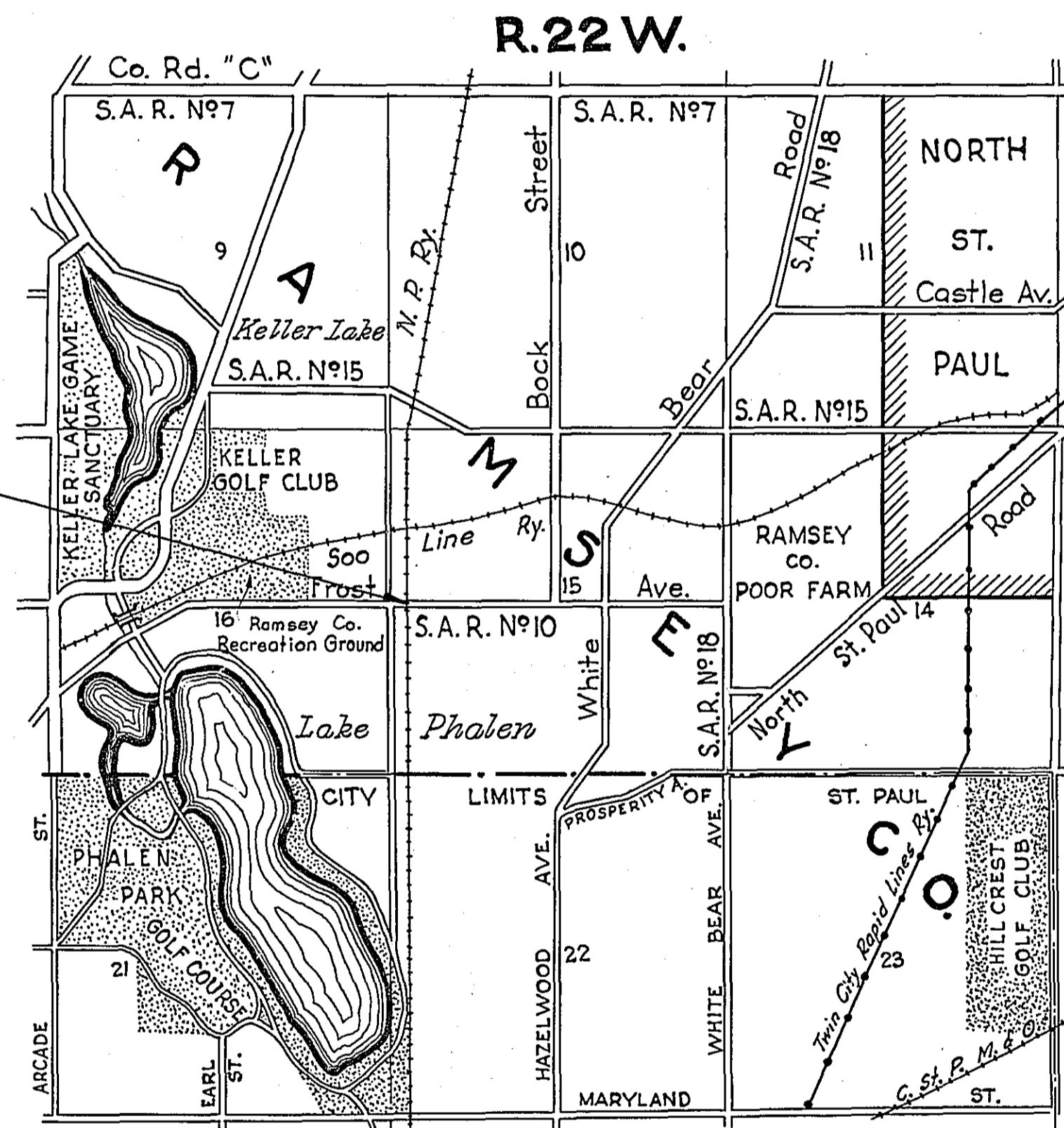
NOTE: SECTION NUMBERS SHOULD BE MADE TO READ FROM THE SOUTH

PIT DATA

MATERIAL TO BE OBTAINED FROM PITS DESIGNATED ON SHEET No. 2

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

HIGHWAY CROSSING SIGNALS  
APPROX. STA. 49+75



LETTING DATE..... APPROVED..... 19..... DISTRICT ENGINEER.....

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

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Planned By C.W. Lilly  
ENGINEER OF PLANS

Recommended for Approval..... DISTRICT ENGINEER

Recommended for Approval O.L. Kipp  
CONSTRUCTION ENGINEER

Approved 11-19-35 J. Johnson  
CHIEF ENGINEER

Recommended for Approval..... DISTRICT ENGINEER, B. OF P. R.

Recommended for Approval..... CHIEF ENGINEER, B. OF P. R.

Approved..... DIRECTOR, B. OF P. R.

DESIGN SQUAD.....

