

CONVENTIONAL SIGNS & ABBREVIATIONS

STATE LINE.....	EXCAVATION.....	E
COUNTY LINE.....	EMBANKMENT.....	F
TOWNSHIP LINE.....	OVERHAUL.....	H
SECTION LINE.....	SURFACING.....	S
CITY, VILLAGE, OR BOROUGH.....	GUARD RAIL.....	GR
FENCE LINE.....	INTERSECTION ANGLE.....	A
RIGHT-OF-WAY LINE.....	RADIUS.....	R
TRAVELLED WAY.....	ELEVATION.....	EL
RAILROADS.....	VERTICAL CURVE.....	VC
RETAINING WALL.....	BENCH MARK.....	B.M.
BASE OF SURVEY LINE.....	SECTIONAL CONCRETE CULVERT.....	P.C.
LEYER.....	CORRUGATED METAL CULVERT.....	C.M.
GRAVEL PIT.....	CULVERT HAUL.....	P.H.
SAND PIT.....	TON MILES.....	T.M.
CLAY PIT.....	IN PLACE.....	P
ROCK QUARRY.....	REPLACE.....	Rep
CULVERTS.....	RIGHT.....	R
PLAIN.....	LEFT.....	L
With FACEWALLS.....	HAND DITCHING.....	H.D.
With WINGWALLS.....	POINT OF CURVE.....	P.C.
DROP INLET.....	POINT OF TANGENT.....	P.T.
POWER POLE LINE.....	POINT OF INTERSECTION.....	P.I.
TELEPHONE OR TELEGRAPH LINE.....	SPECIAL EXCAVATION.....	SE
MARSH.....	SPECIAL FLOWING.....	S.F.
HEDGE, BRUSH, OR TIMBER.....	TELEPHONE POLE.....	Tel.P.
GROUND ELEVATION.....		
GRADE ELEVATION.....		

OFFICE OF COUNTY SURVEYOR
RAMSEY COUNTY
Plan and Profile of County Project No. 23-68

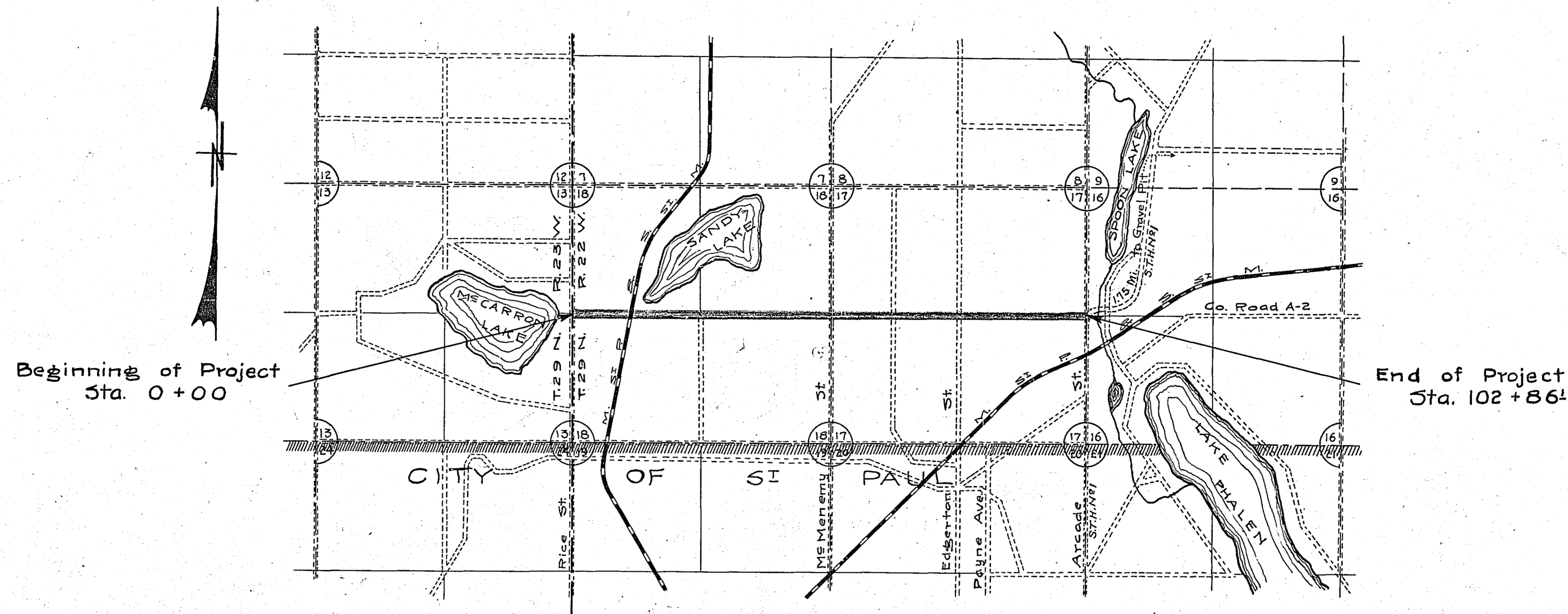
From W. 1/4 Cor. Sec. 18, T.29N., R.22W. To E. 1/4 Cor. Sec. 17, T.29N., R.22W.
Give proper reference to Sections, Township and Range

GROSS LENGTH.....10,286¹ FEET 1⁹⁵ MILES
LENGTH OF EXCEPTIONS..... FEET..... MILES
NET LENGTH.....10,286¹ FEET 1⁹⁵ 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-Sections, 1 Inch = 10 Feet

LAYOUT
SCALE, 1 Inch = 1760 Feet

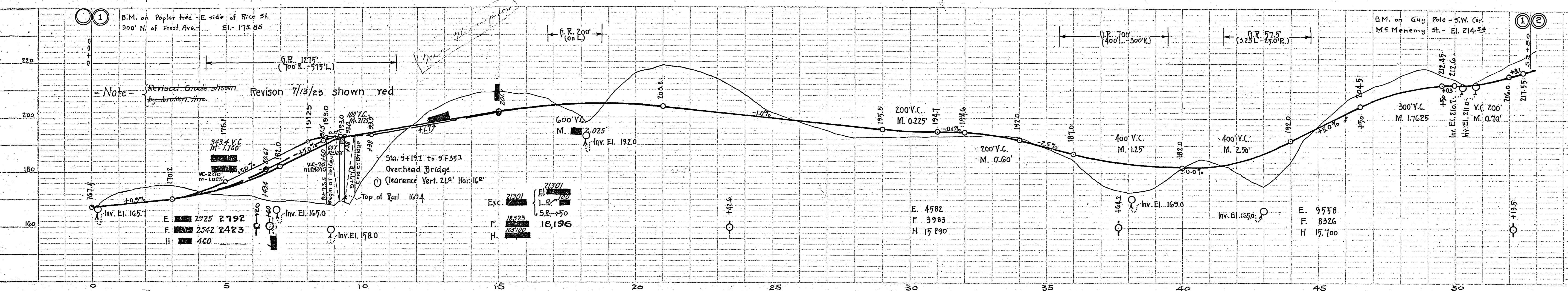
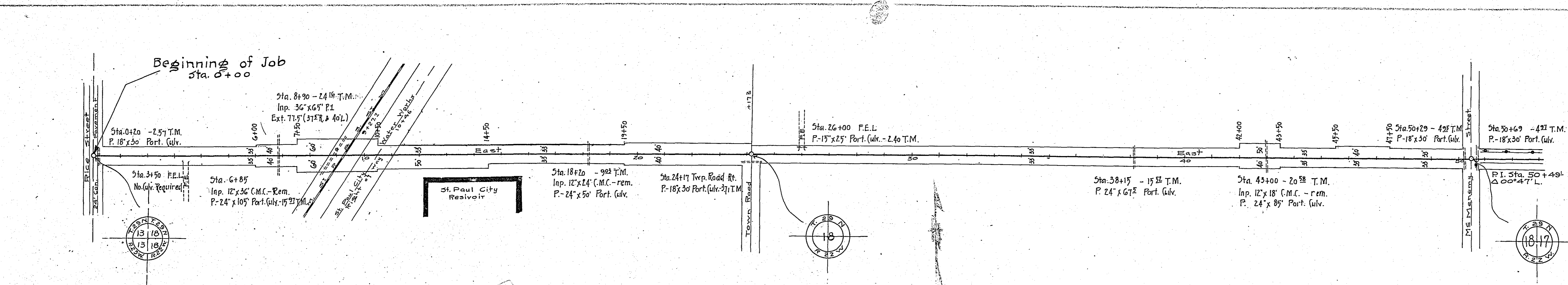
INDEX OF SHEETS

Sheet No. 1. Title Sheet and Layout Map
" No. 2. Typical Cross-Sections and Statement
" No. 3. Plan and Profile, Sta. 0+00 to Sta. 102+86¹
" No. 4. to 8. Cross-sections, Sta. 0+00 to 102+86¹



Date of resolution for preparation of plans Mar. 5, 1923
Planned by R. J. Hollander DESIGNING HIGHWAY ENGINEER
Recommended for Approval E. Blum CONSTRUCTION ENGINEER
Plans Approved and Recommended for Consideration by Paul M. Goates COUNTY SURVEYOR
Approved by County Board _____ 19 _____ CHAIRMAN OF COUNTY BOARD

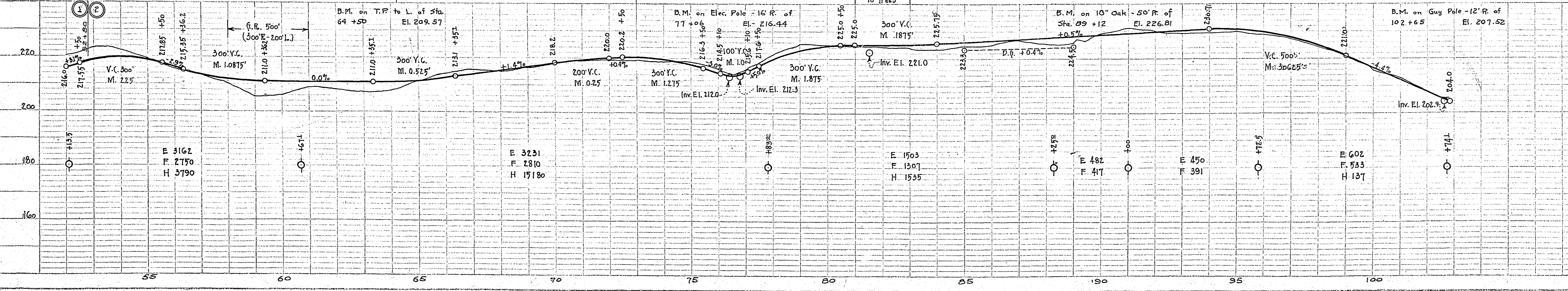
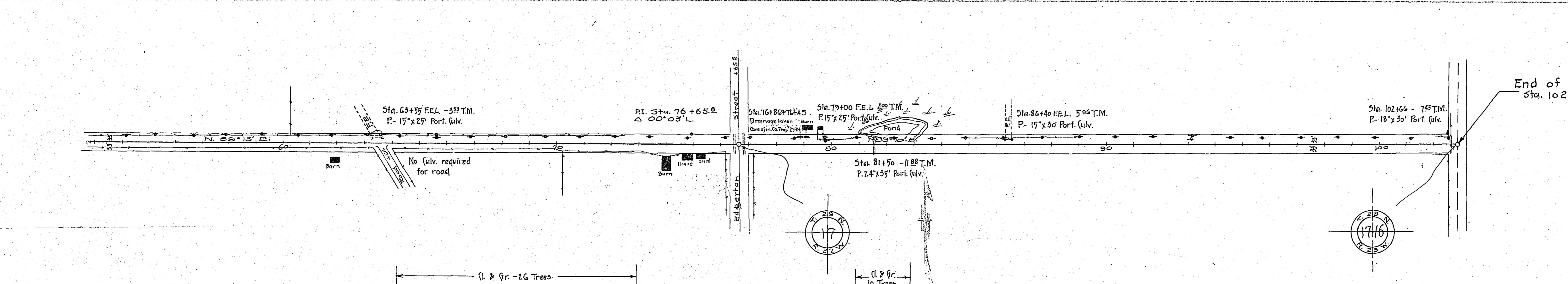
DATE	
BY	
PLAN	REVISIONS
NO.	



ESTIMATED QUANTITIES
Sta. 0+00 to Sta. 50+00

Exc.	38366 C.Y.
H.	137150 C.Y.
P.R.	2150 Lin. Ft.
Port. Culv.	15' - 25' -
	18' - 120' -
	24' - 307.5' -
	36' - 71.5' -
P.L.H.	103.86 T.M.
Gravel Surfacing	1572 C.Y.

DATE	
BY	
PROFILE	REVISIONS
NO.	



ESTIMATED QUANTITIES
Sta. 50+00 to Sta. 102+86.1

(L)	36 Trees
(R)	36
E.	9430 C.Y.
H.	20,642
P.R.	500 Lin. Ft.
Port. Culv.	15' - 80' -
	18' - 90' -
	24' - 35' -
P.L.H.	44.88 T.M.
Gravel Surfacing	1533 C.Y.