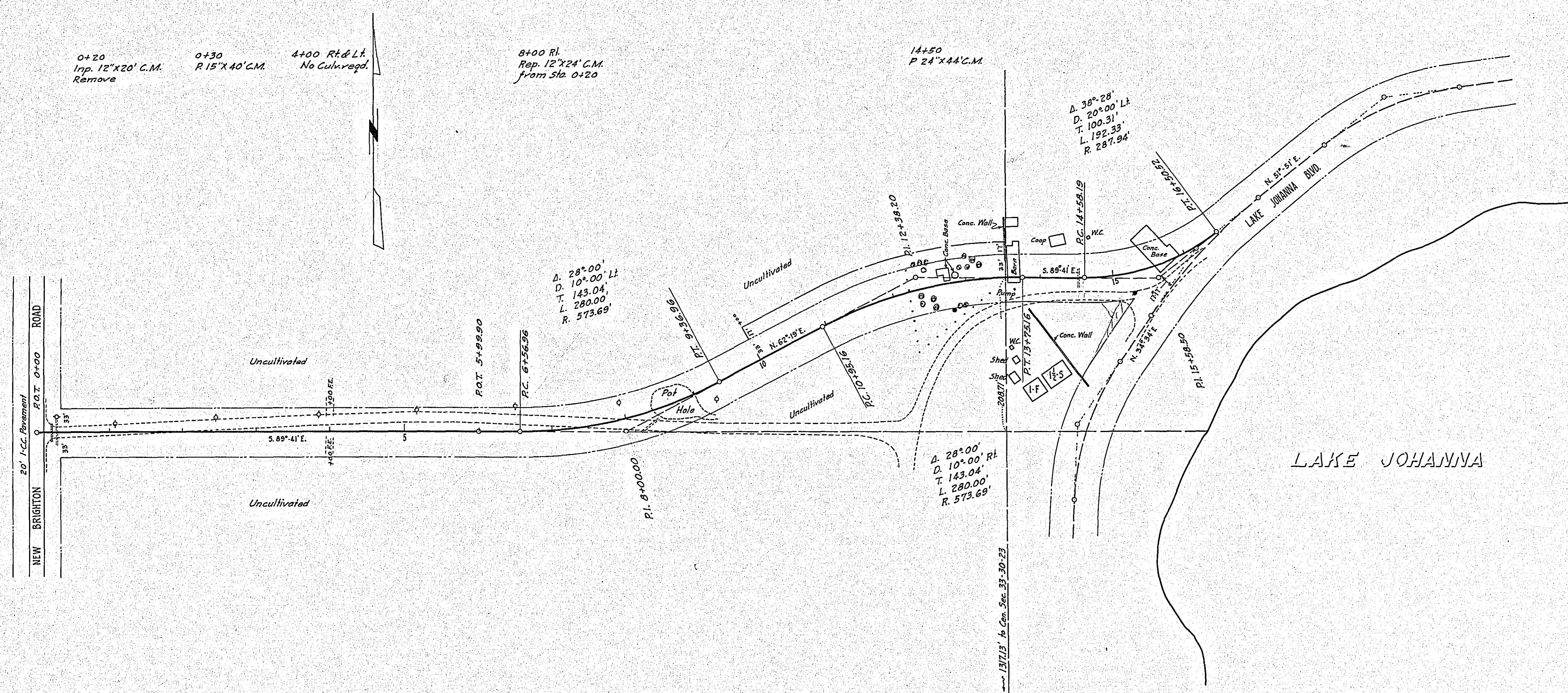
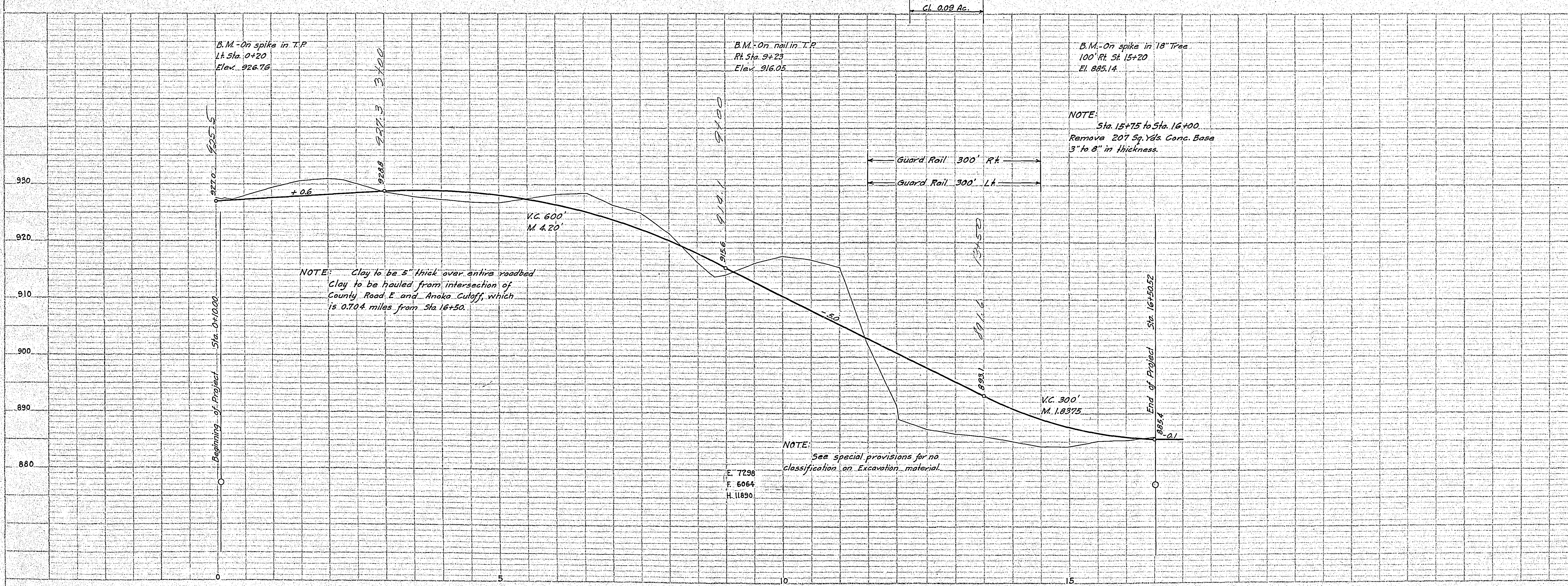


DATE
BY
DRAWN
CHECKED
DATE
NO.
NOTE BOOK
NO. OF WAK SHEETS



DATE
BY
DRAWN
CHECKED
DATE
NO.
NOTE BOOK
NO. OF WAK SHEETS



**ESTIMATED QUANTITIES
PROJ. 29-54**

Clearing	Exc.	Earth	Acres	
				09
				7298
				11890
Place	15" C.M.	Lin. Ft.		40
	24" C.M.			44
Remove Old Culk				24
Replace				24
Rem. Conc. Base 3 to 8" thick	Sq. Yds.			207
Guard Rail - Cable	Lin. Ft.			600
	Anchors	Each.		4
Clay - 5" thick	Cu. Yds.			663
Clay Haul	C.Y.M.			570
Shaping & Comp.	M.H.			42
	M.T.H.			37

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.....	Δ
RIGHT-OF-WAY LINE.....	RADIUS.....	R
TRAVELLED WAY.....	ELEVATION.....	EL
RAILROADS.....	VERTICAL CURVE.....	VC
RETAINING WALL.....	BENCH MARK.....	B.M.
BASE OR SURVEY LINE.....	SECTIONAL CONCRETE CULVERT.....	P.1
LEVÉE.....	CORRUGATED METAL CULVERT.....	C.M.
GRAVEL PIT.....	CULVERT HAUL.....	P.L.H.
SAND PIT.....	TON MILES.....	T.M.
CLAY PIT.....	PLACE.....	P
ROCK QUARRY.....	IN PLACE.....	INP
CULVERTS.....	REPLACE.....	Rep
PLAIN.....	RIGHT.....	R
WITH FACEWALLS.....	LEFT.....	L
WITH WINGWALLS.....	HAND DITCHING.....	H.D.
DROP INLET.....	POINT OF CURVE.....	P.C.
POWER POLE LINE.....	POINT OF TANGENT.....	P.T.
TELEPHONE OR TELEGRAPH LINE.....	POINT OF INTERSECTION.....	P.I.
MARSH.....	SPECIAL EXCAVATION.....	S.E.
EDGE, BRUSH, OR TIMBER.....	SPECIAL FLOWING.....	S.P.
GROUND ELEVATION.....	TELEPHONE POLE.....	Tel.P.
GRADE ELEVATION.....		

OFFICE OF COUNTY SURVEYOR

RAMSEY COUNTY

Plan and Profile of County Project No. 29-54

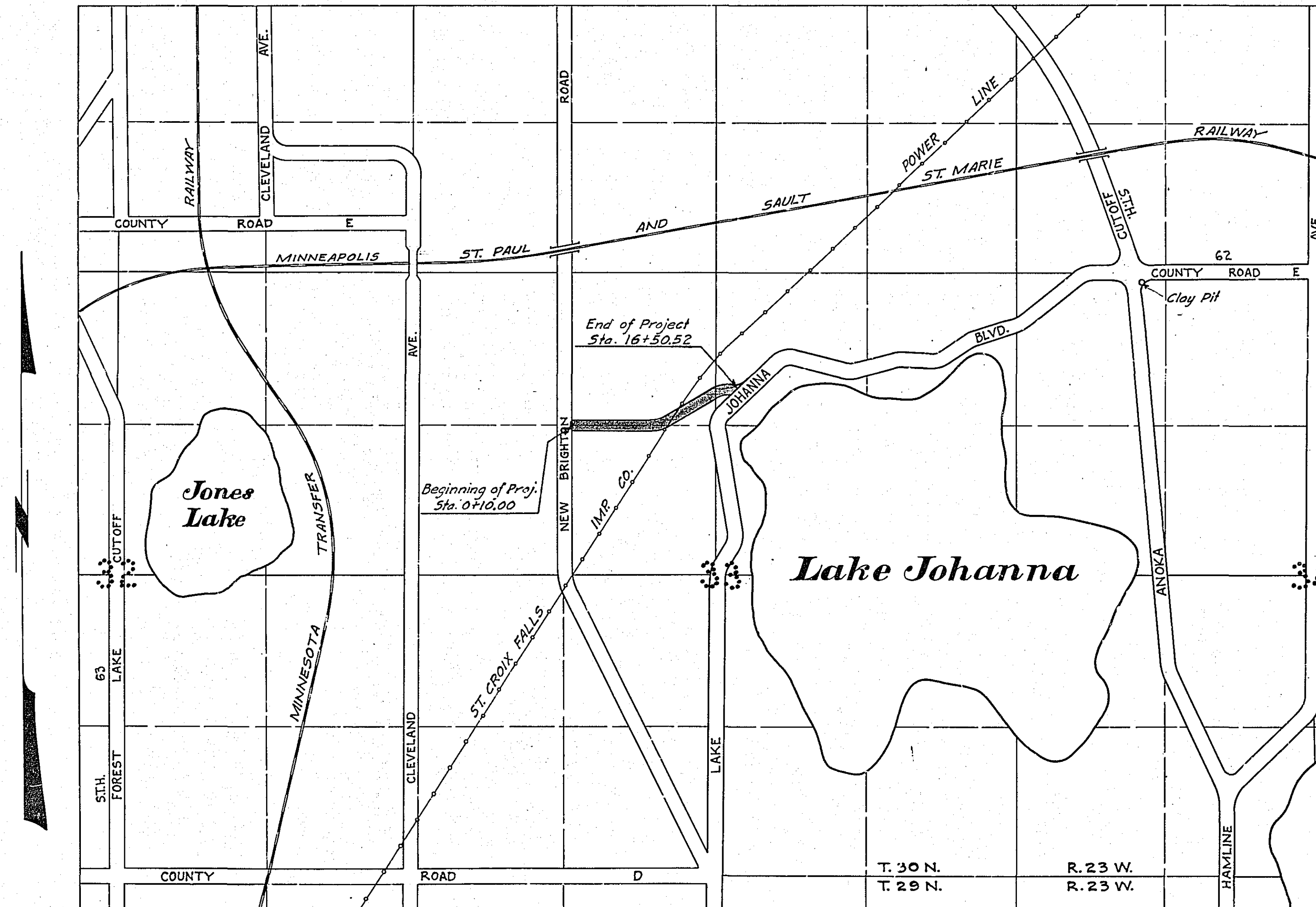
From The S.W. Cor. of the N.E. 1/4 of N.W. 1/4 of Sec. 33-30-23 To A Point 290' E, and 269' N. of S.E. Cor. of N.E. 1/4 of N.W. 1/4 of Sec. 33-30-23.
Give proper reference to Sections, Township and Range

GROSS LENGTH.....1640.52 FEET 0.311 MILES
 LENGTH OF EXCEPTIONS.....0 FEET 0 MILES
 NET LENGTH.....1640.52 FEET 0.311 MILES
 PLAN, 1 Inch = 100 Feet
 PROFILE, Horiz. 1 Inch = 100 Feet. Vert. 1 Inch = 10 Feet
 WORKING PLANS { Horiz. 1 Inch = 100 Feet
 { Vert. 1 Inch = 10 Feet
 { Cross-Sections, 1 Inch = 10 Feet

LAYOUT
 SCALE, 1 Inch = 880 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+10.00 to Sta. 16+50.52
- " No. 4 & 5 Cross Sections



Date of Resolution for Preparation of Plans June 17th 1929

Planned by *Paul J. Coates* ASSISTANT ENGINEER

Recommended for Approval *Paul J. Coates* CONSTRUCTION ENGINEER

Plans Approved and Recommended for Consideration *Paul J. Coates* COUNTY SURVEYOR

Approved by County Board *Paul J. Coates* CHAIRMAN OF COUNTY BOARD