

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	.....	EI
RAILROADS	-----	VERTICAL CURVE	.....	VC
RETAINING WALL	-----	BENCH MARK	.....	B.M.
BASE OF SURVEY LINE	-----	SECTIONAL CONCRETE CULVERT	.....	P.C.
LEVEE	-----	CORUGATED METAL CULVERT	.....	C.M.
GRAVEL PIT	.....	CULVERT HAUL	.....	P.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	.....	SE
HEDGE, BUSH, OR TIMBER	.....	SPECIAL FLOWING	.....	SP
GROUND ELEVATION	.....	TELEPHONE POLE	.....	Tel.P.
GRADE ELEVATION	.....		

OFFICE OF COUNTY SURVEYOR

RAMSEY COUNTY

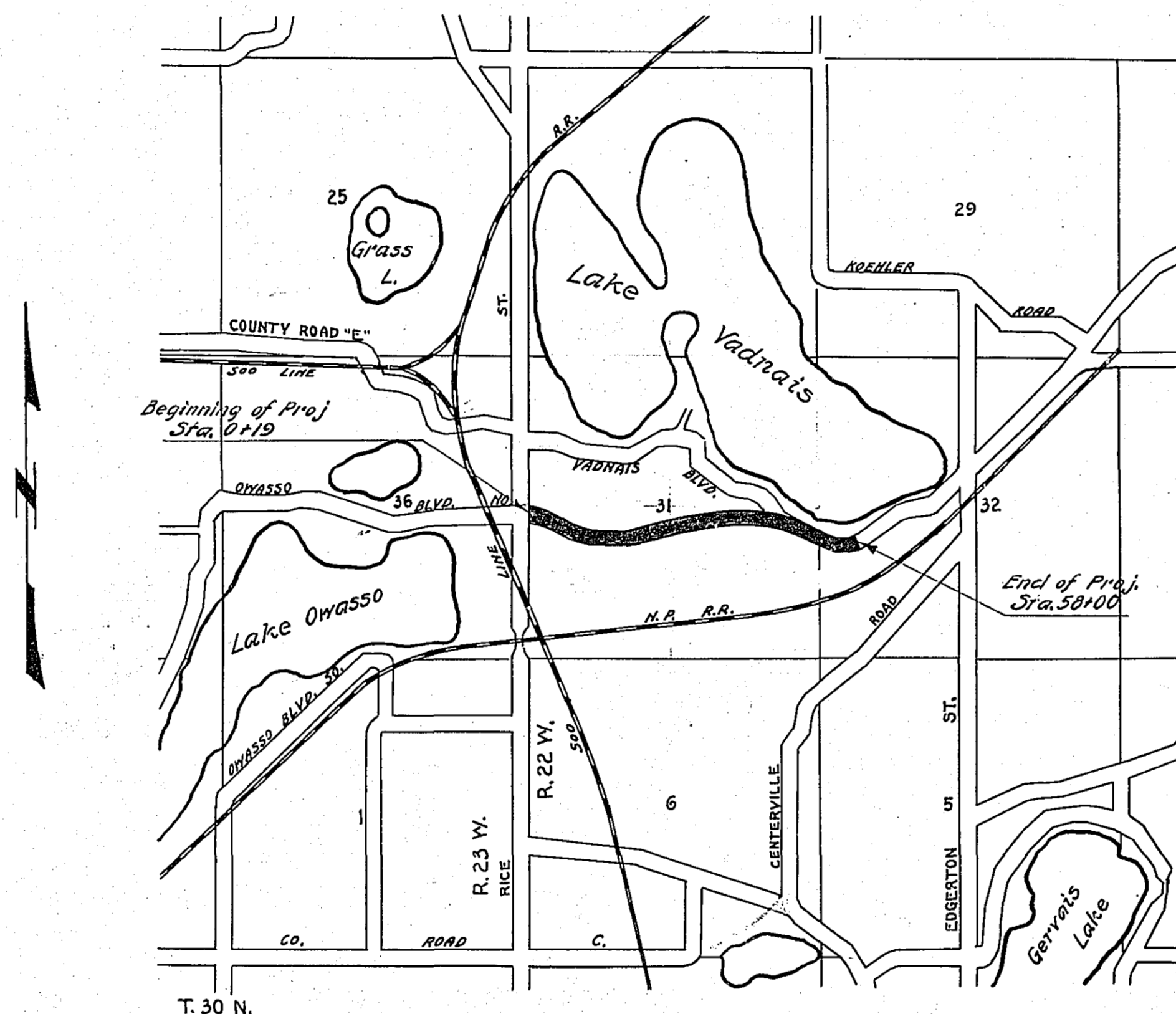
Plan and Profile of County Project No. 33-W32

From *A point on the west line of Sec. 31-30-22 which is 190.50' of the W 1/4 Cor.* To *A point which is 420' E. and 300' So. of the E 1/4 cor. Sec. 31.*
Give proper reference to Sections, Township and Range

GROSS LENGTH 5781.0 FEET 1.094 MILES
 LENGTH OF EXCEPTIONS FEET MILES
 NET LENGTH 5781.0 FEET 1.094 MILES
 PLAN, 1 Inch = 100 Feet
 PROFILE, Horz. 1 Inch = 100 Feet. Vert. 1 Inch = 10 Feet
 WORKING PLANS { Horz. 1 Inch = 100 Feet
 { Vert. 1 Inch = 10 Feet
 Cross-Sections, 1 Inch = 10 Feet
 LAYOUT
 SCALE, 1 Inch = 2640 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+19 to Sta. 30+00.
- " No. 4. " " " " 30+00 " " 50+00
- " No. 5 to 11 Cross sections



Date of Resolution for Preparation of Plans 11-21 1932

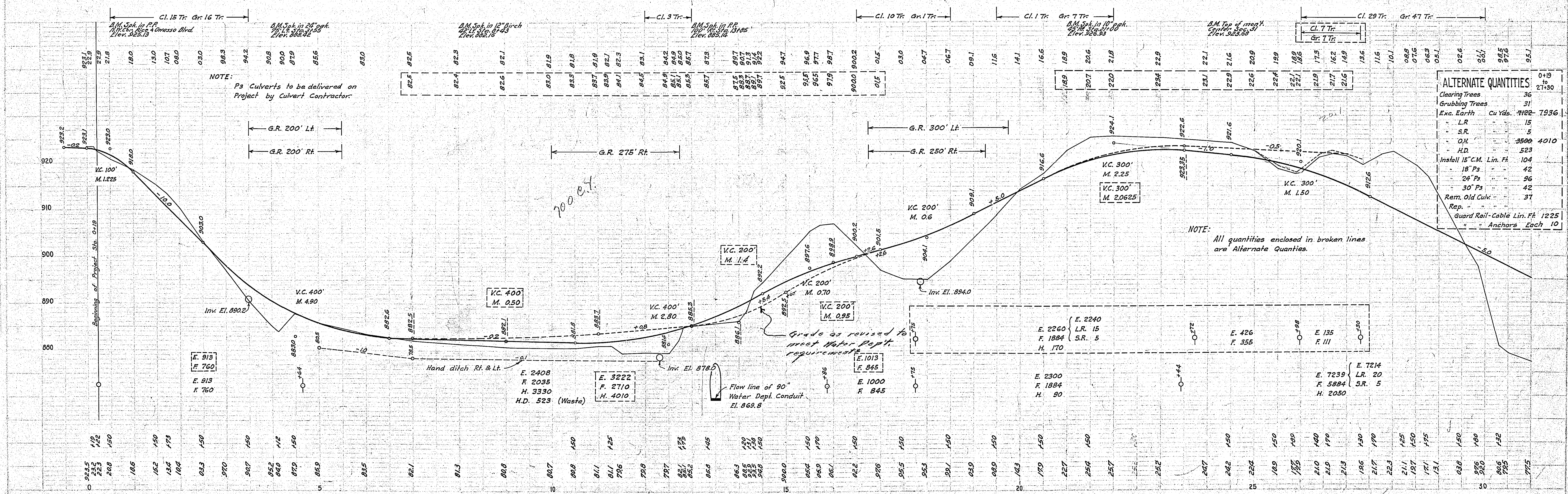
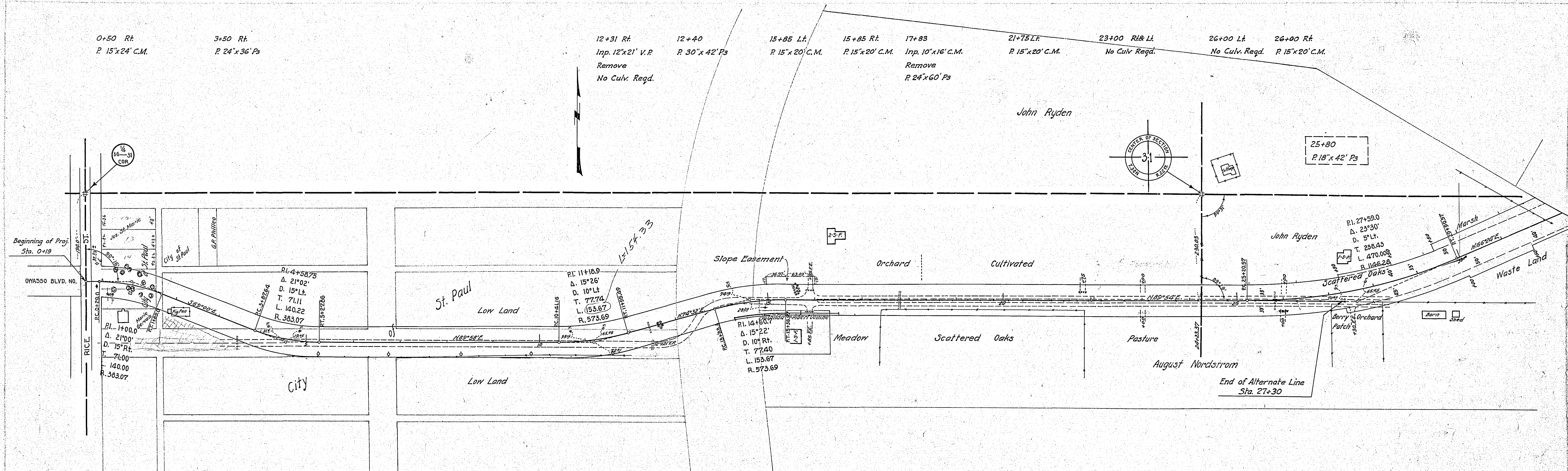
Planned by W. W. Cady ASSISTANT ENGINEER

Recommended for Approval [Signature] ASSISTANT ENGINEER

Plans Approved and Recommended for Consideration [Signature] COUNTY SURVEYOR

APPROVED 7/28 1933 [Signature] CHAIRMAN WHITE BEAR TOWN BOARD

Approved by County Board 3/6/33 19 [Signature] CHAIRMAN OF COUNTY BOARD



NOTE:
P3 Culverts to be delivered on Project by Culvert Contractor.

NOTE:
All quantities enclosed in broken lines are Alternate Quantities.

ALTERNATE QUANTITIES		0+19 to 27+30
Clearing Trees	36	
Grubbing Trees	31	
Exc. Earth	Cu Yds. 7122	7936
- L.R.	15	
- S.R.	5	
- O.H.	3599	4010
- H.D.	523	
Install 15" C.M. Lin. Ft.	104	
- 18" P3	42	
- 24" P3	96	
- 30" P3	42	
Rem. Old Culv.	37	
Rep. "		
Guard Rail-Cable Lin. Ft.	1225	
" " Anchors	Each 10	

