

120
69450
57

FORM 302

CONVENTIONAL SIGNS & ABBREVIATIONS

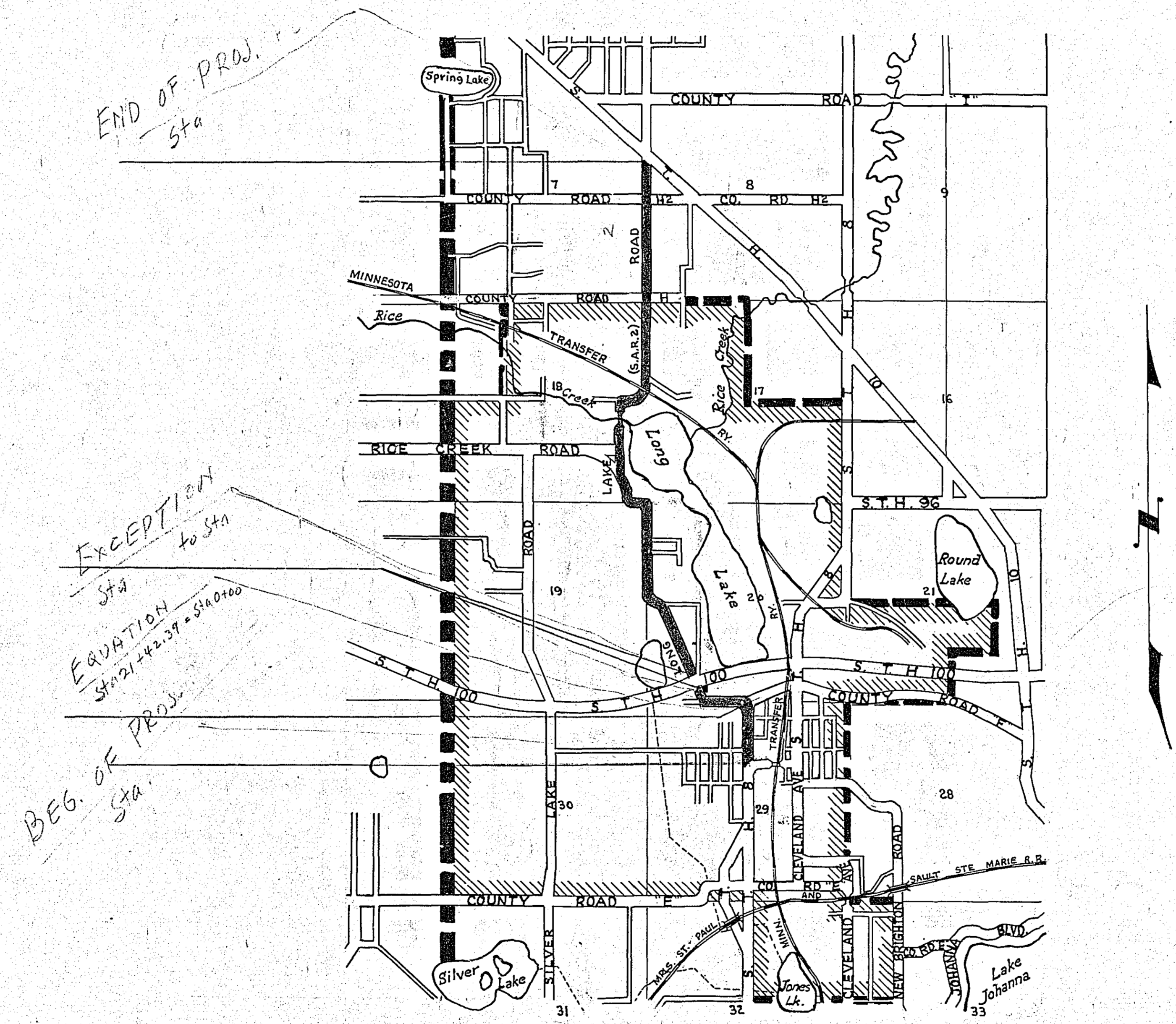
STATE LINE	-----	EXCAVATION	-----	E
COUNTY LINE	-----	EMBANKMENT	-----	F
TOWNSHIP LINE	-----	OVERHAUL	-----	H
SECTION LINE	-----	SURFACING	-----	S
CITY, VILLAGE, OR BOROUGH	-----	GUARD RAIL	-----	GR
FENCE LINE	-----	INTERSECTION ANGLE	-----	A
RIGHT-OF-WAY LINE	-----	RADIUS	-----	R
TRAVELLED WAY	-----	ELEVATION	-----	EL
RAILROADS	-----	VERTICAL CURVE	-----	VC
RETAINING WALL	-----	BENCH MARK	-----	B.M.
BASE OR SURVEY LINE	-----	SECTIONAL CONCRETE CULVERT	-----	P.C.
LEVÉE	-----	CORRUGATED METAL CULVERT	-----	C.M.
GRAVEL PIT	-----	CULVERT HAUL	-----	P.H.
SAND PIT	-----	TON MILES	-----	T.M.
CLAY PIT	-----	PLACE	-----	P
ROCK QUARRY	-----	IN PLACE	-----	Imp.
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.
HEDGE, BRUSH, OR TIMBER	-----	SPECIAL FLOWING	-----	S.F.
GROUND ELEVATION	-----	TELEPHONE POLE	-----	TEL.P.
GRADE ELEVATION	-----			

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

From	To	GROSS LENGTH	FEET	MILES
		LENGTH OF EXCEPTIONS	FEET	MILES
		NET LENGTH	FEET	MILES
SCALES: 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 = Feet				
LAYOUT				
SCALE, 1 Inch = 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. to Sta.
" No. 4.	



74-75-65
45-49-77
33-80

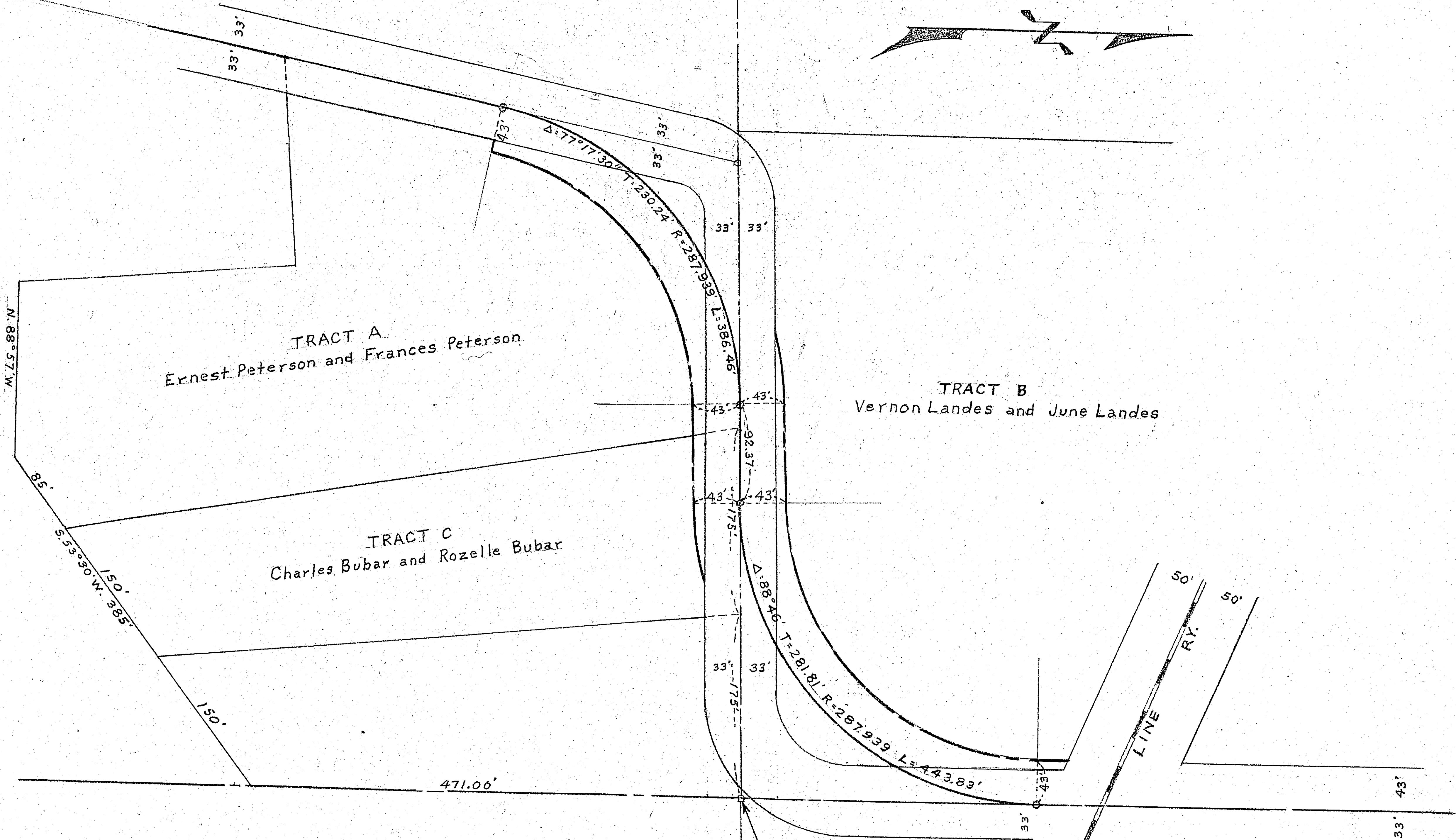
Date of Resolution for Preparation of Plans _____ 19__

Planned by _____ ASSISTANT ENGINEER

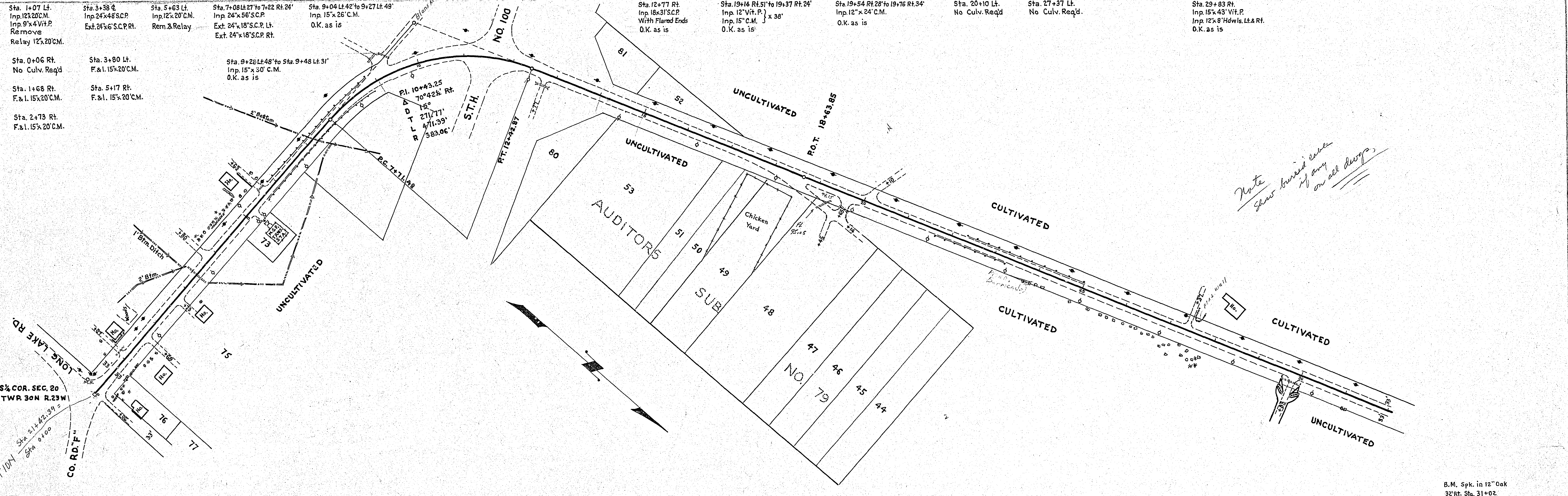
Recommended for Approval _____ ASSISTANT ENGINEER

Plans Approved and Recommended for Consideration _____ COUNTY SURVEYOR

Approved by County Board _____ 19__ CHAIRMAN OF COUNTY BOARD



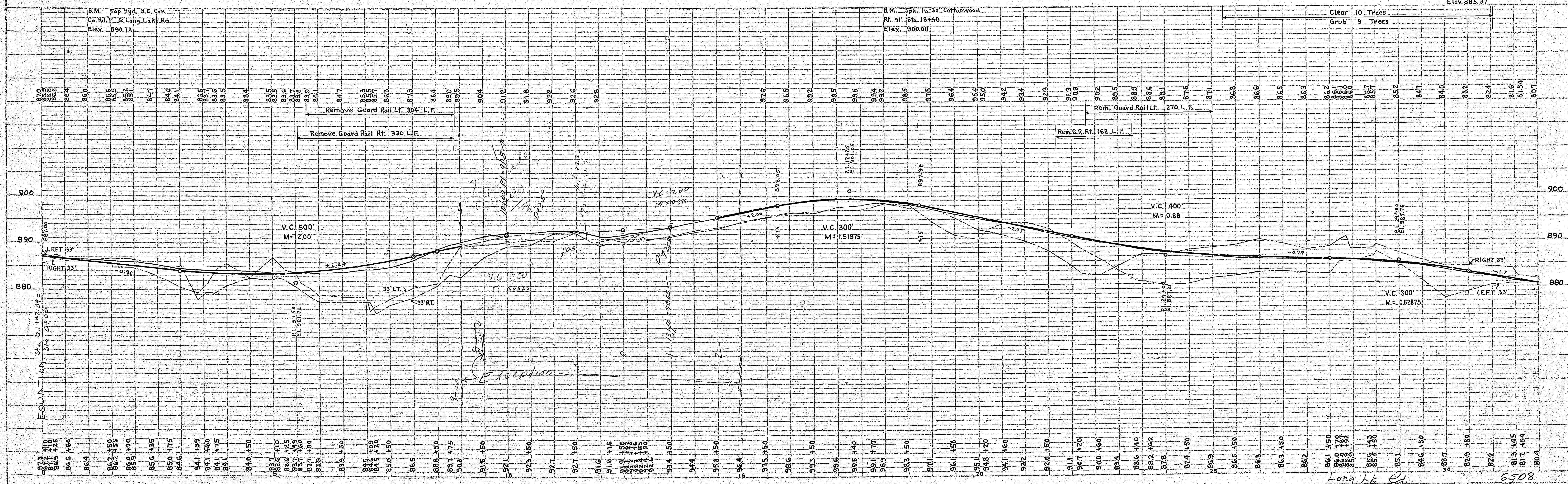
LONG LAKE ROAD
 SCALE: 1 INCH = 100 FEET APRIL 1, 1960
R/W acquired by New Brighton



*Note
Show buried cables
if any
on all drawings*

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	ADJUSTMENT CHECKED	
	INT. OF THE CHECKED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	GR. LINES CHECKED	
	STRUCTURE LOCATIONS CHECKED	
	NO.	

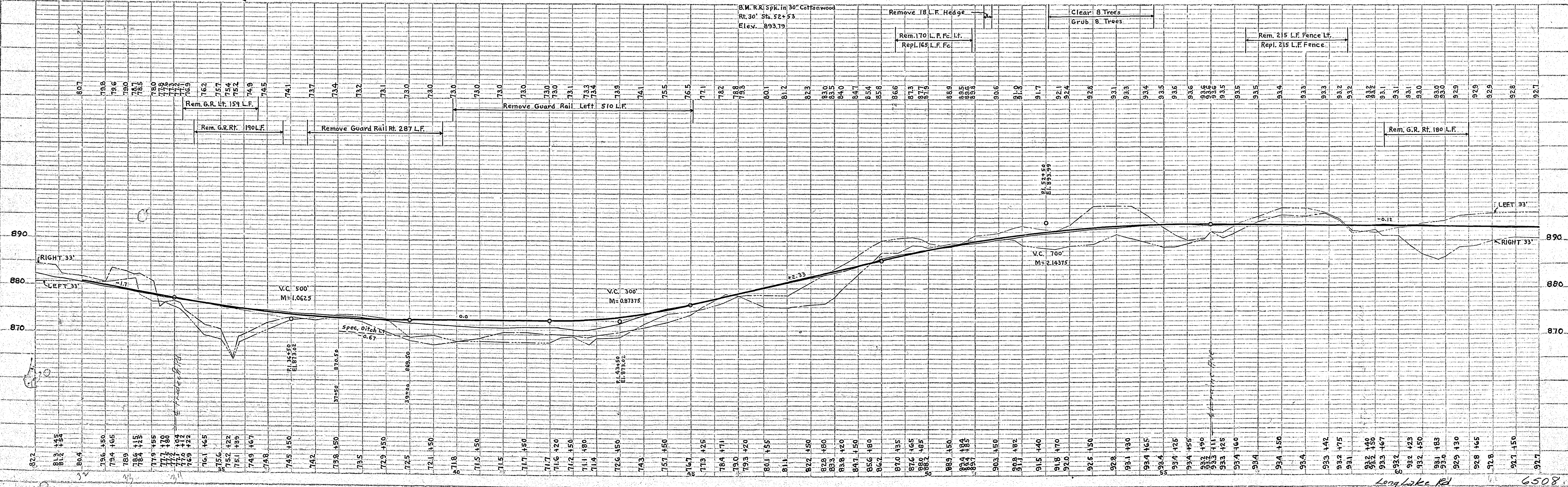
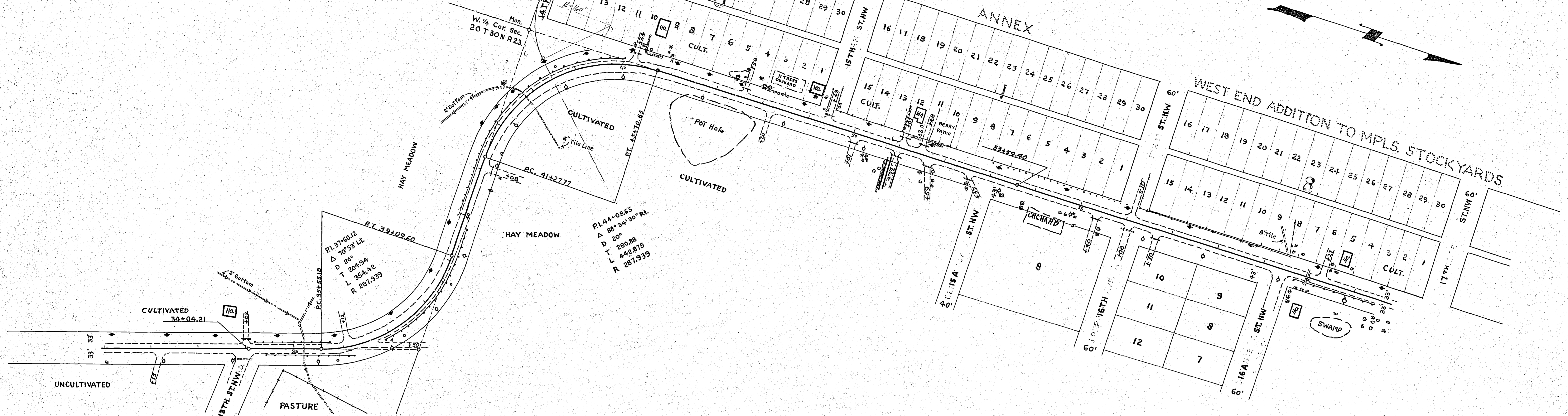


B.M. Spk. in 12" Oak
32' Rt. Sta. 31+02
Elev. 885.37

DATE	
BY	
PLAN	
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BY	
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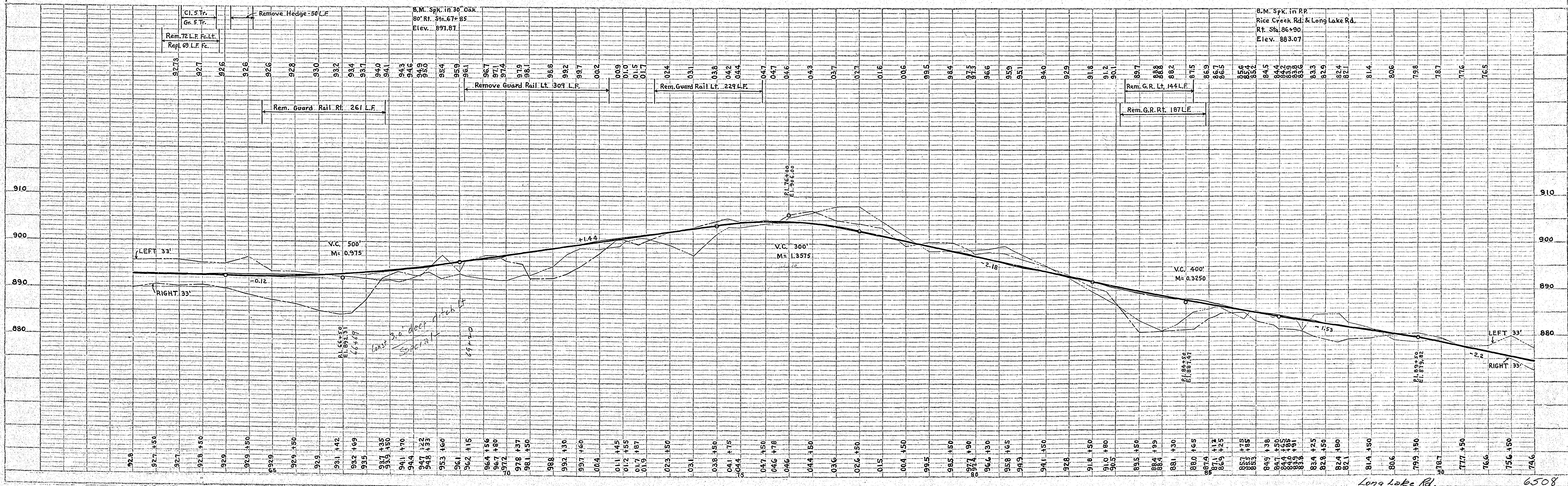
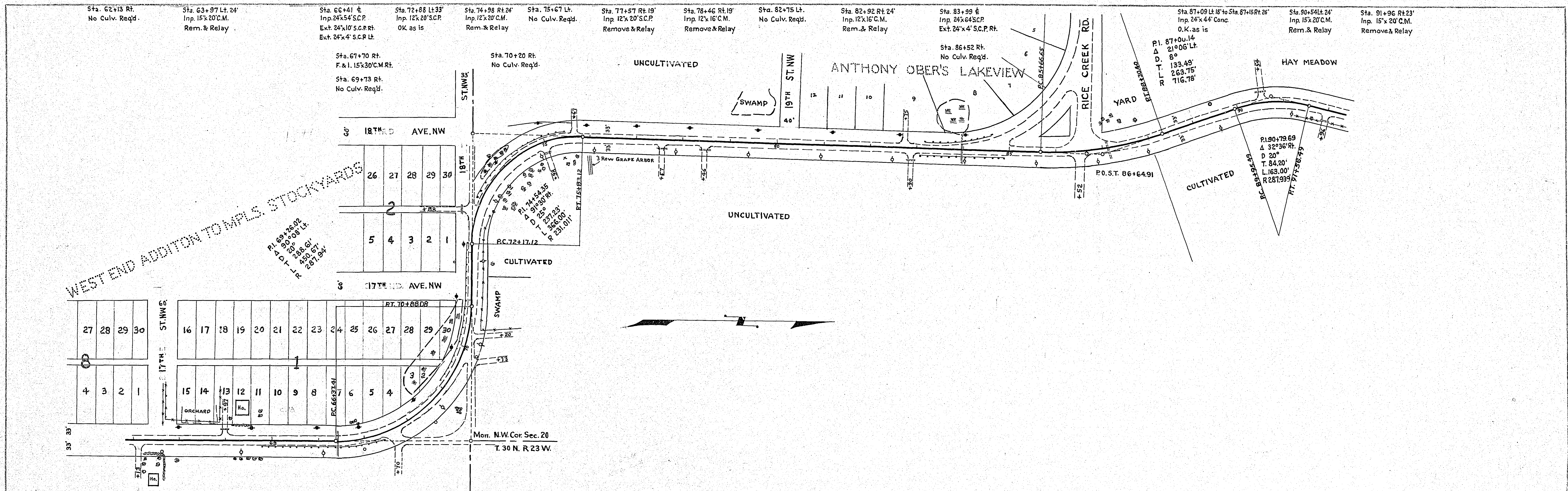
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ADJUSTED	
ALIGNED	
CHECKED	
BY	
DATE	

Sta. 33+15 Rt. F.S. 15'x20'C.M.
 Sta. 33+95 Rt. 22' Inp. 15'x40'C.M. O.K. as is
 Sta. 34+02 Lt. 20' Inp. 12'x20'C.M. Rem. & Relay
 Sta. 35+22 Lt. 24' Rt. 24' Inp. 36'x48' S.C.P. Ext. 36'x20' S.C.P. Rt. Ext. 36'x16' S.C.P. Lt.
 Sta. 41+08 Rt. 23' Inp. 12'x20'C.M. O.K. as is
 Sta. 42+80 Lt. 15' Rt. 11' Inp. 24'x36' S.C.P. Ext. 24'x10' S.C.P. Rt. Ext. 24'x24' S.C.P. Lt.
 Sta. 45+24 Lt. 26' Inp. 15'x24'C.M. Rem. & Relay
 Sta. 47+58 Lt. 20' Inp. 15'x20'C.M. Rem. & Relay
 Sta. 49+43 Lt. 20' Inp. 15'x20'C.M. Rem. & Relay
 Sta. 50+07 Rt. 21' Inp. 12'x20' S.C.P. Remove
 Sta. 50+99 Rt. 20' Inp. 12'x20' S.C.P. Remove
 Sta. 51+07 Lt. 24' Inp. 12'x22' C.M. Remove
 Sta. 51+48 Lt. 21' Inp. 15'x20' C.M. Remove
 Sta. 51+69 Rt. 20' Inp. 15'x20' C.M. Rem. & Relay
 Sta. 52+57 Rt. 21' Inp. 15'x20' C.M. Remove
 Sta. 55+40 Rt. 18' Inp. 15'x20' C.M. Remove
 Sta. 56+08 Rt. 21' Inp. 12'x32' S.C.P. Rem. & Relay
 Sta. 56+70 Rt. 21' Inp. 15'x20' C.M. Rem. & Relay
 Sta. 59+96 Rt. 18' Lt. 18' Inp. 24'x36' S.C.P. Lt. Ext. 24'x4' S.C.P. Lt.
 Sta. 36+12 Lt. No Culv. Req'd.
 Sta. 36+50 Rt. No Culv. Req'd.
 Sta. 48+20 Rt. No Culv. Req'd.
 Sta. 56+10 Lt. No Culv. Req'd.
 Sta. 59+37 Rt. F.S. 15'x30'C.M.
 Sta. 60+27 Lt. F.S. 15'x20'C.M.



PLAN	DATE
BY	
REVISIONS	
1. SURVEYED	
2. PLOTTED	
3. CHECKED	
4. APPROVED	
5. DATE	

PROFILE	DATE
BY	
REVISIONS	
1. SURVEYED	
2. PLOTTED	
3. CHECKED	
4. APPROVED	
5. DATE	



PLAN	SUBMITTED	DATE
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	ALIGNED CHECKED	
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	NO.	

PROFILE	SUBMITTED	DATE
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	ALIGNED CHECKED	
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	NO.	

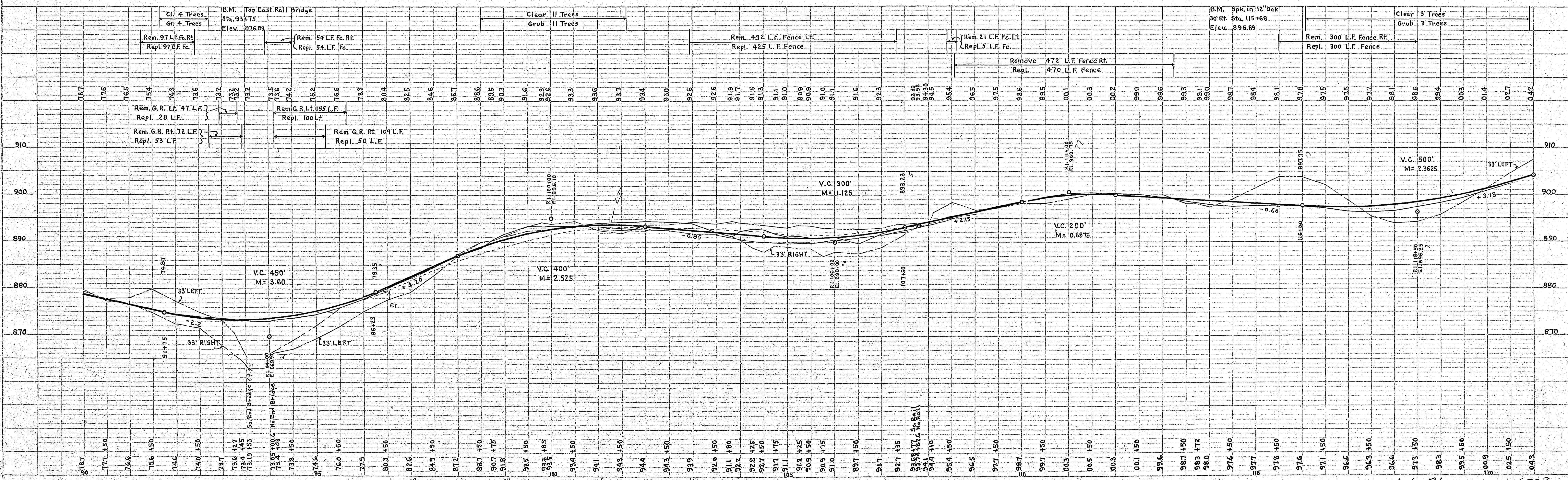
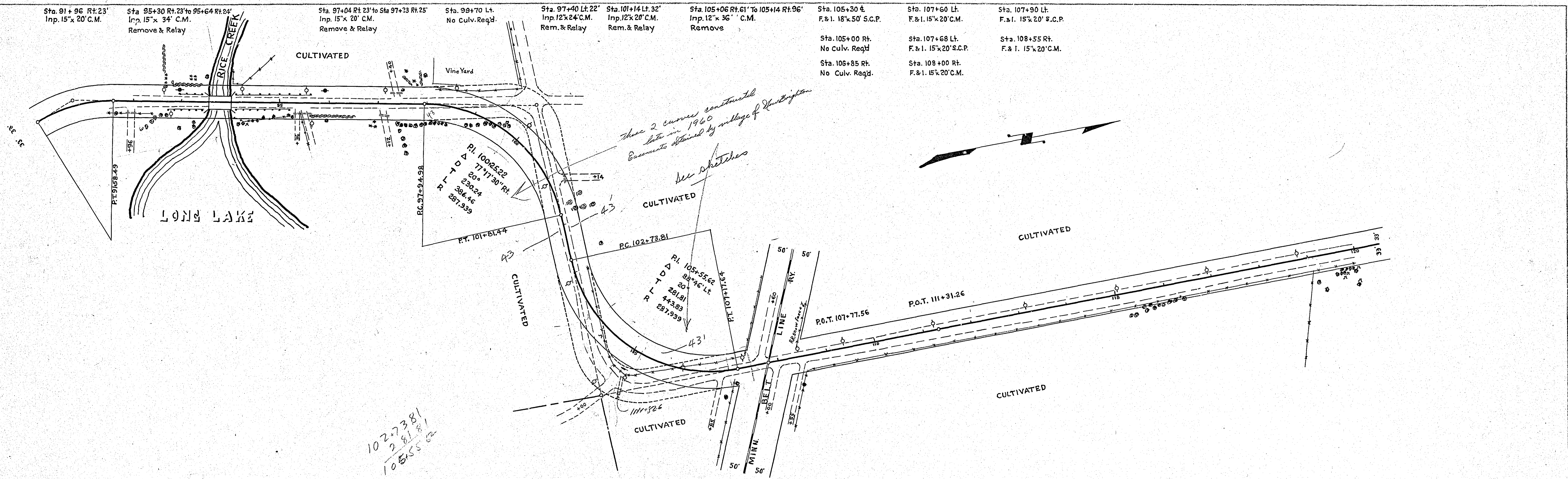
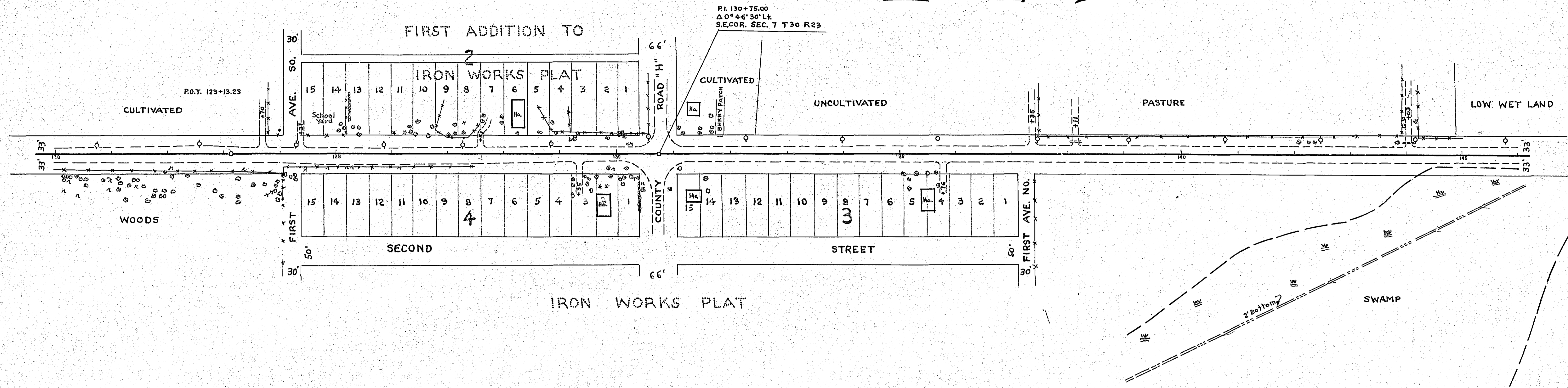


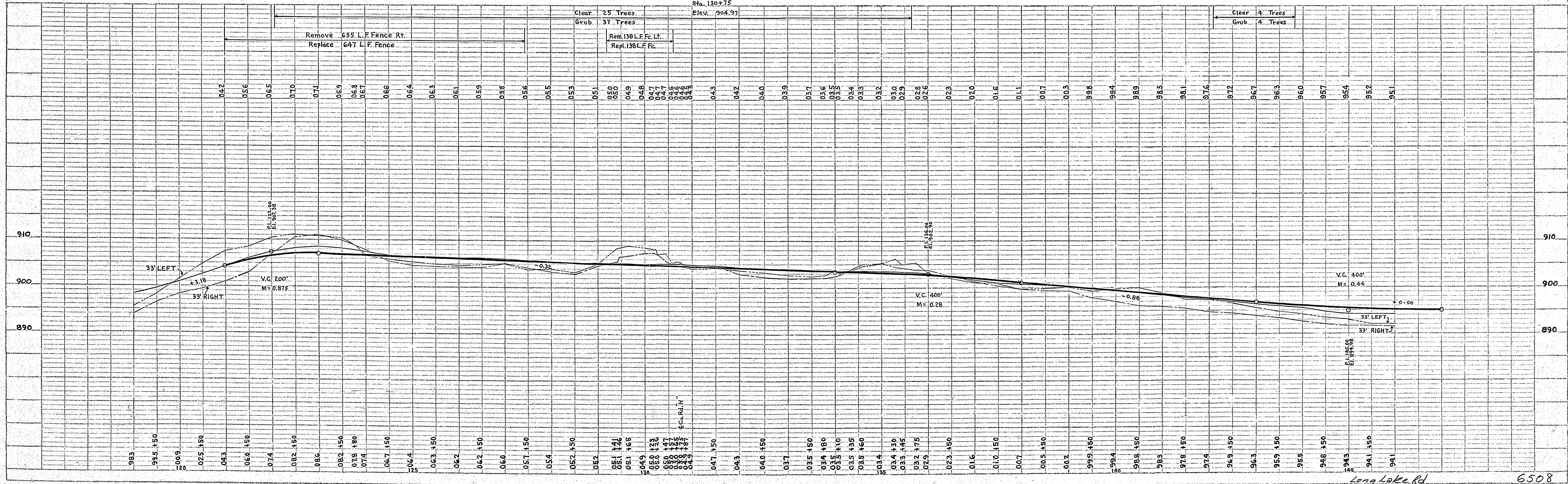
PLATE 1 - PLAN - PROFILE OF R.R. & R.E. STANDARD
 REIFFEL & EIDER CO., NEW YORK.

K. & E. CO. No. 245 CHICAGO
 "ARWRIGHT" TRUSS DUN

Sta. 123+70 Lt. No Cult. Req'd. Sta. 124+37 Lt. F.&I. 1.15% 20'C.M. Sta. 127+53 Lt. F.&I. 1.15% 20'C.M. Sta. 129+35 Rt. F.&I. 1.15% 20'C.M. Sta. 130+75 Lt. F.&I. 1.15% 46' S.C.P. Sta. 130+75 Rt. F.&I. 1.15% 46' S.C.P. Sta. 135+76 Rt. F.&I. 1.15% 20'C.M. Sta. 137+35 Lt. F.&I. 1.15% 20'C.M. Sta. 138+11 Rt. 20' Inp. 1.15% 20'C.M. Rem. & Relay Sta. 144+03 Lt. 21' Inp. 1.15% 20'C.M. Remove F.&I. 1.15% 20'C.M.



B.M. Top Mont.
Co. Rd. 'H' & Long Lake Rd.
Sta. 130+75
Elev. 904.97



PLAN	DATE
BY	
CHECKED	
NOTED	
NO.	

PROFILE	DATE
BY	
CHECKED	
NOTED	
NO.	

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PLATE 1-PLAN-PROFILE - B. P. B. STANDARD
EUGENE DISTZGEN CO., Chicago, New York

MINN. S-279-2 S.P. 62-516-00

SHEET 7 OF SHEETS

6508

Sta. 147+00 ±
Inp. 15'x32' C.M.
Remove
F.&I. 18'x54' S.C.P.

Sta. 157+13.75 Rt. & Lt.
No Culv. Req'd.

Sta. 158+77 Lt. 23'
Inp. 15'x20' C.M.
Rem. & Relay

Sta. 158+90 Rt. 24'
Inp. 15'x20' C.M.
Rem. & Relay

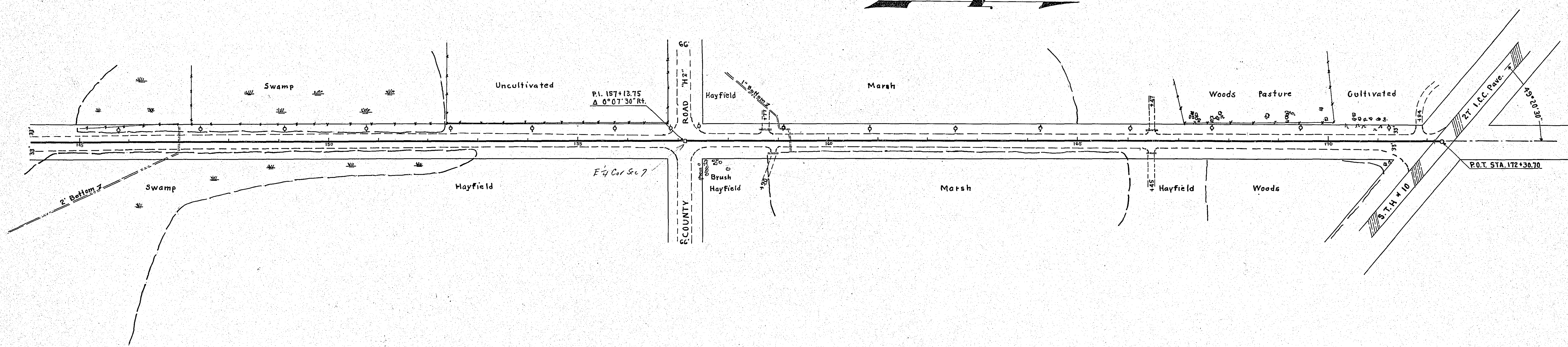
Sta. 159+22 Lt. 21' to Sta. 159+26 Rt. 21'
Inp. 15'x42' C.M.
Remove
F.&I. 18'x50' S.C.P.

Sta. 166+45 Rt. 22'
Inp. 15'x20' C.M.
Remove & Relay

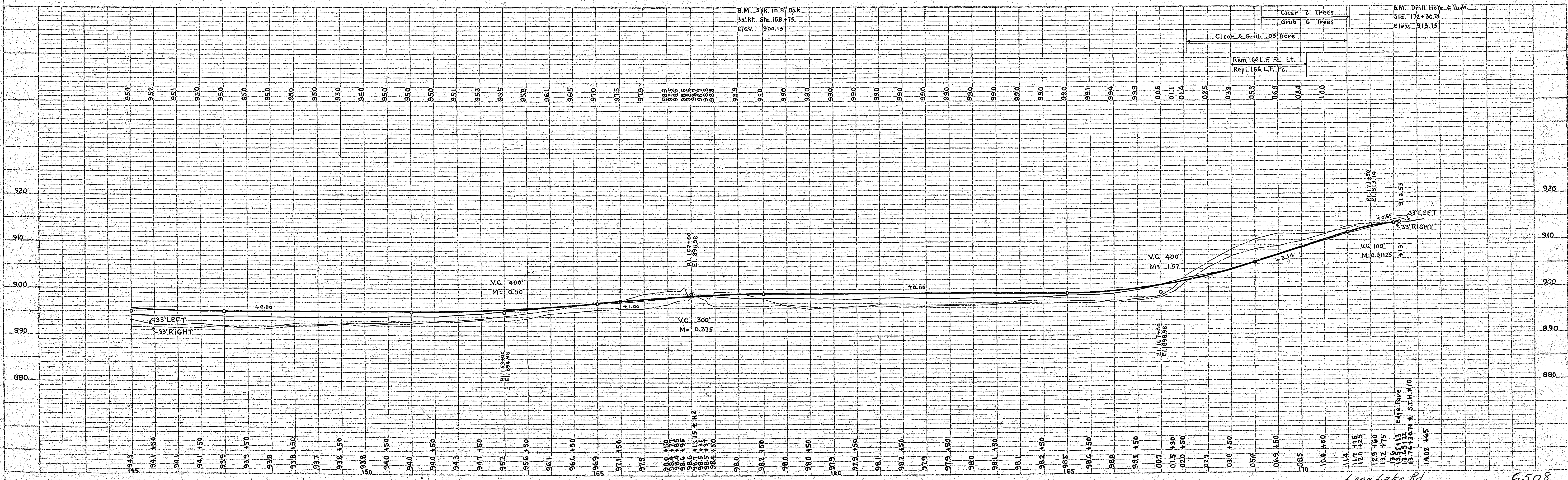
Sta. 166+47 Lt. 23'
Inp. 15'x20' C.M.
Remove & Relay

Sta. 171+84 Lt.
F.&I. 15'x20' C.M.

DATE	
BY	
PLAN	
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PLOTTED	
CHECKED	
NOTE BOOK	
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DATE	
BY	
PROFILE	
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NOTE BOOK	
NO.	



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PLATE 1-PLANPROFILE D. P. R. STANBART
ENGINEERING CO., CHICAGO-NEW YORK

MINN. S-279-2 S.P. 62-516-00

SHEET 8 OF SHEETS

Long Lake Rd. 6508