

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY
PROGRESSIVE ROAD MAP

OTTER LAKE ROAD
FROM OLD DULUTH RD. TO NORTH COUNTY LINE

TOTAL LENGTH 21147.8 FT. 4.0053 MILES
SCALE: 1"=100'

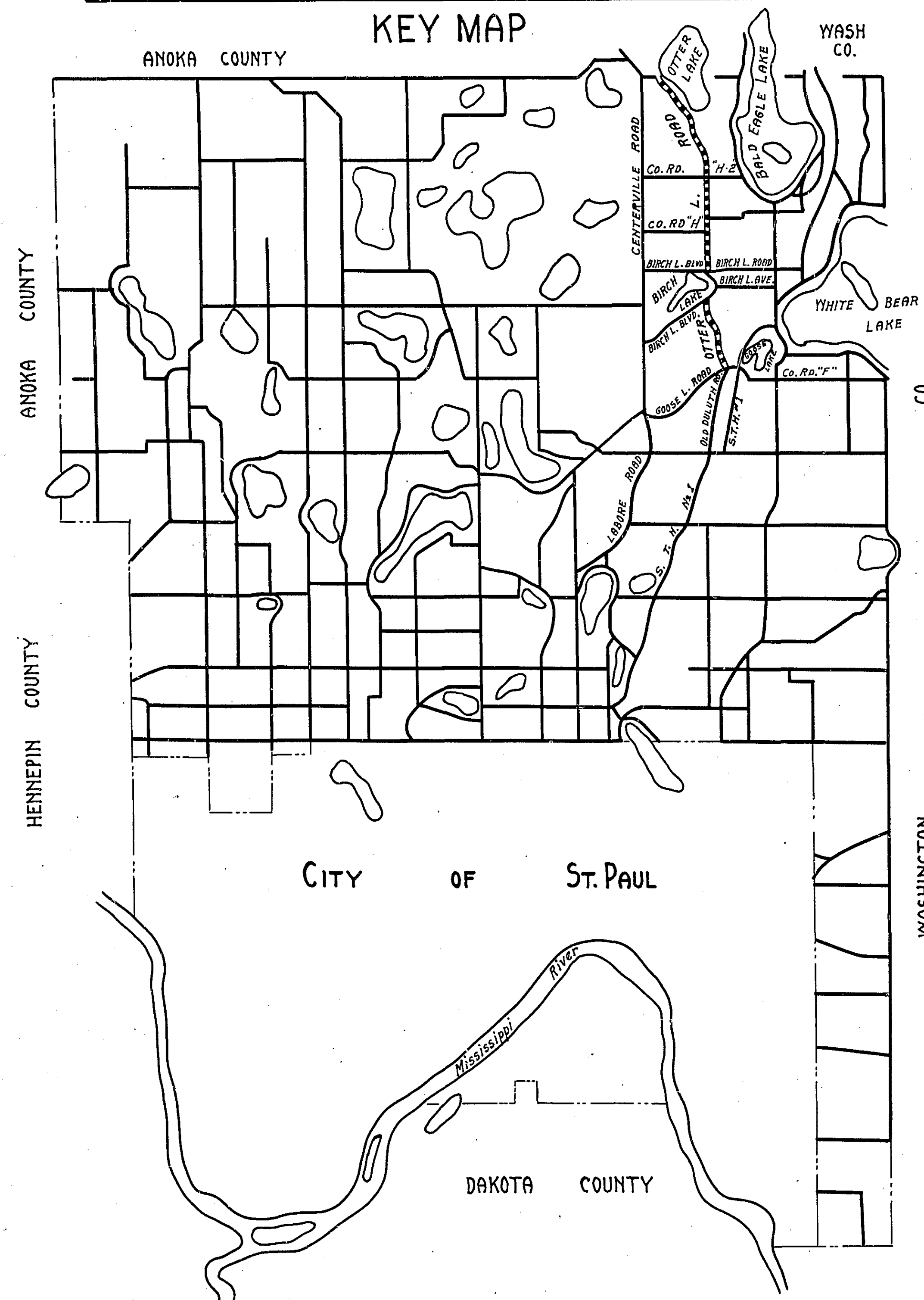
CONVENTIONAL SIGNS & ABBREVIATIONS

ITEM	CONVENTION	ABBREV.
State Line	---	---
County Line	---	---
Township Line	---	---
Section Line	---	---
City or Village	---	---
Fence	---	---
Right-of-way Line	R-O-W	---
Earth Road - not standard	Rd	---
Graveled on Grade - not stand.	G	---
Graveled to Standard	Gr	---
Graded & Graveled to stand.	Gr & G	---
Paved	Pvd.	---
Farm Entrance	F.E.	---
Railroads	R.R.	---
Retaining walls	R.W.	---
Guard Rail	G.R.	---
Survey Line	S	---
Gravel Pit	---	---
Sand Pit	---	---
Clay Pit	---	---
Rock Quarry	---	---
Culverts	---	---
Plain	---	---
With face walls	---	---
With wing walls	---	---
Drop Inlets	---	---
Electric Poles	---	---
Telephone or Telegraph Poles	---	---
Trolley Poles	---	---
County Marking Signs	---	---
" Guide	---	---
" Caution	---	---
" Reflector	---	---
" Rail Crossing	---	---
Railroad - Crossing Sign	---	---

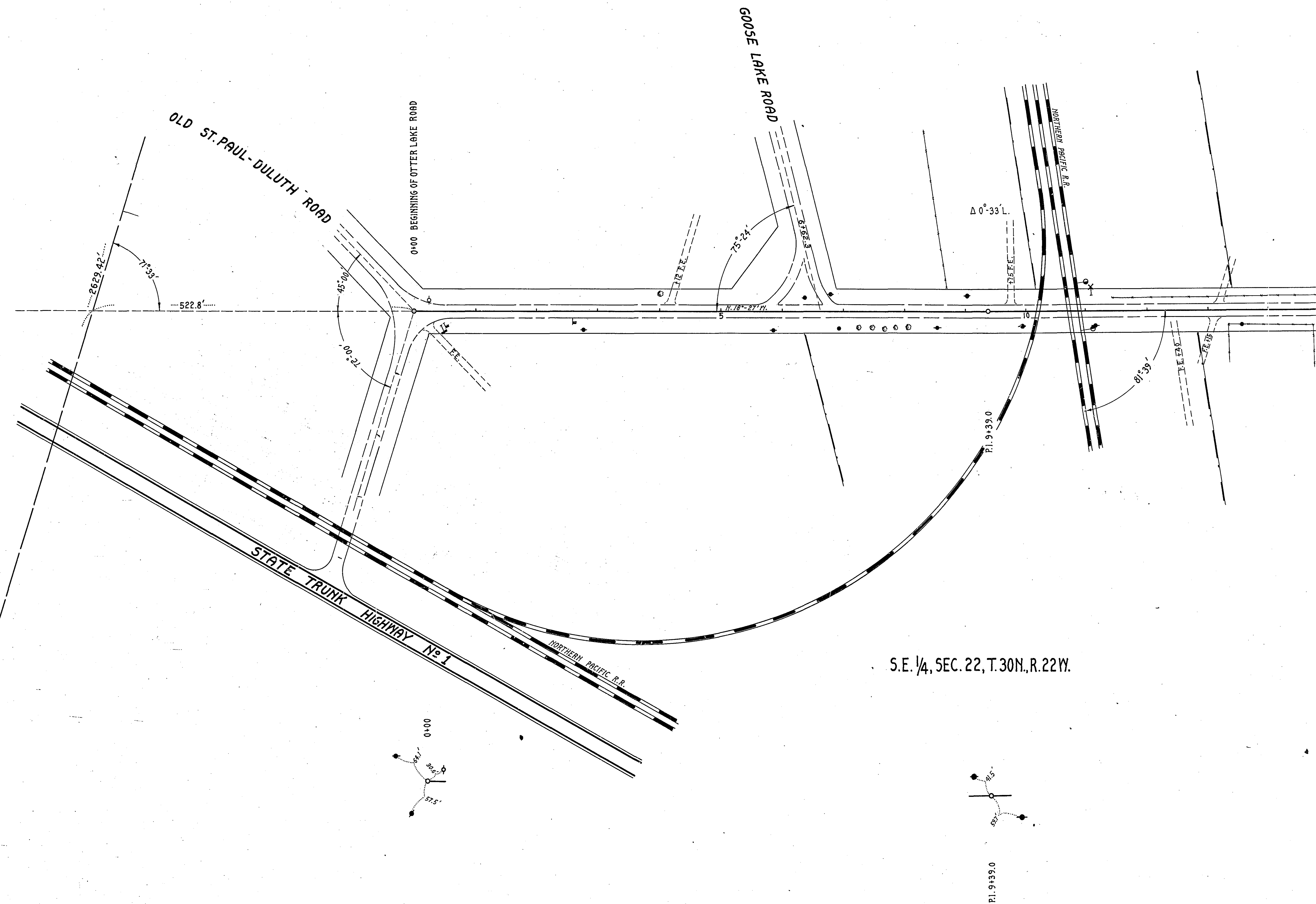
ITEM	ABBREV.
Surfacing	S.
Sectional Conc. Culv. (light type)	P3
Sectional Conc. Culv. (heavy type)	P3
Corrugated Metal Culvert	C.M.
Vitrified Clay Pipe	V.P.
Cast Iron Pipe	C.I.P.
Private	Pr.
In place	Imp.
Right	Rt.
Left	Lt.
Intersection Angle	Δ
Radius	R
Point of Curve	P.C.
" Tangent	P.T.
" Intersection	P.I.
" on Curve	P.O.C.
" Tangent	P.O.T.

Surveyed by	Dates
<i>A.E. AUSTIN</i>	<i>3-4-25 3-10-25</i>
<i>M.H. CARLSON</i>	<i>12-28-23 1-23-24</i>
Mapped by	Dates
<i>A.H. LINDAHL</i>	<i>3-17-25 4-7-25</i>
Revised by	Date

KEY MAP



S.E. 1/4, SEC. 22, T. 30N., R. 22W.



S.E. 1/4, SEC. 22, T. 30N., R. 22W.

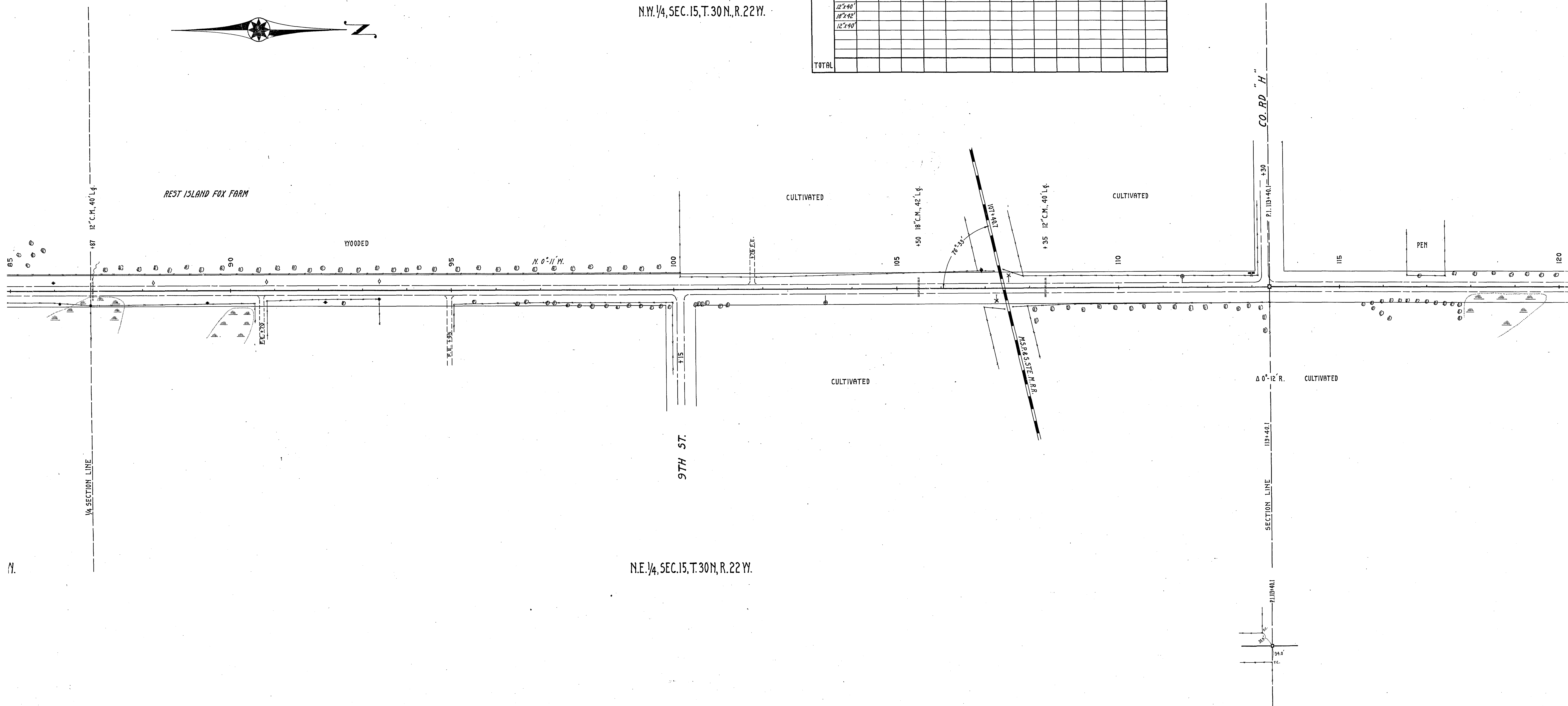
20XF: 1/9

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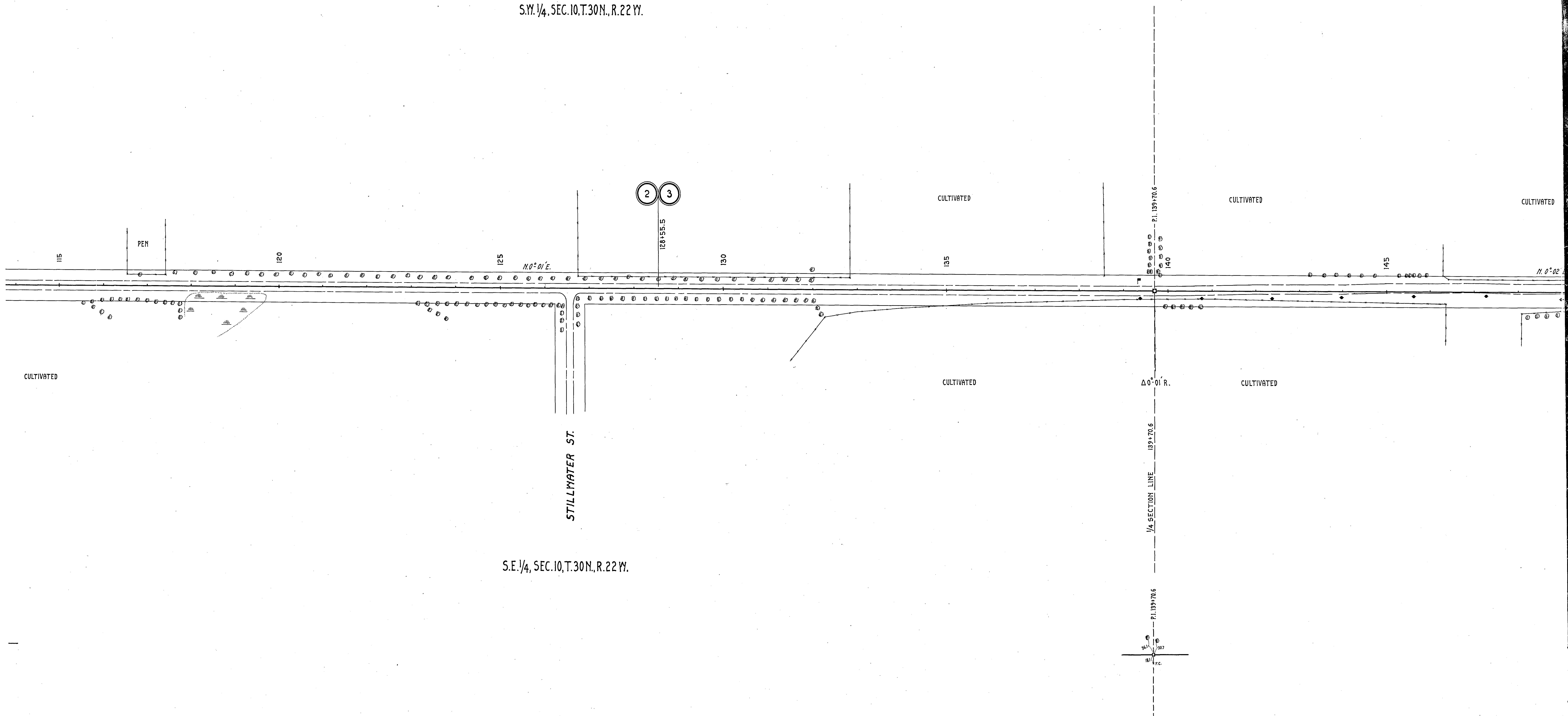
S.W. 1/4, SEC. 15, T. 30 N., R. 22 W.

S.E. 1/4 SEC. 15, T. 30 N., R. 22 W.

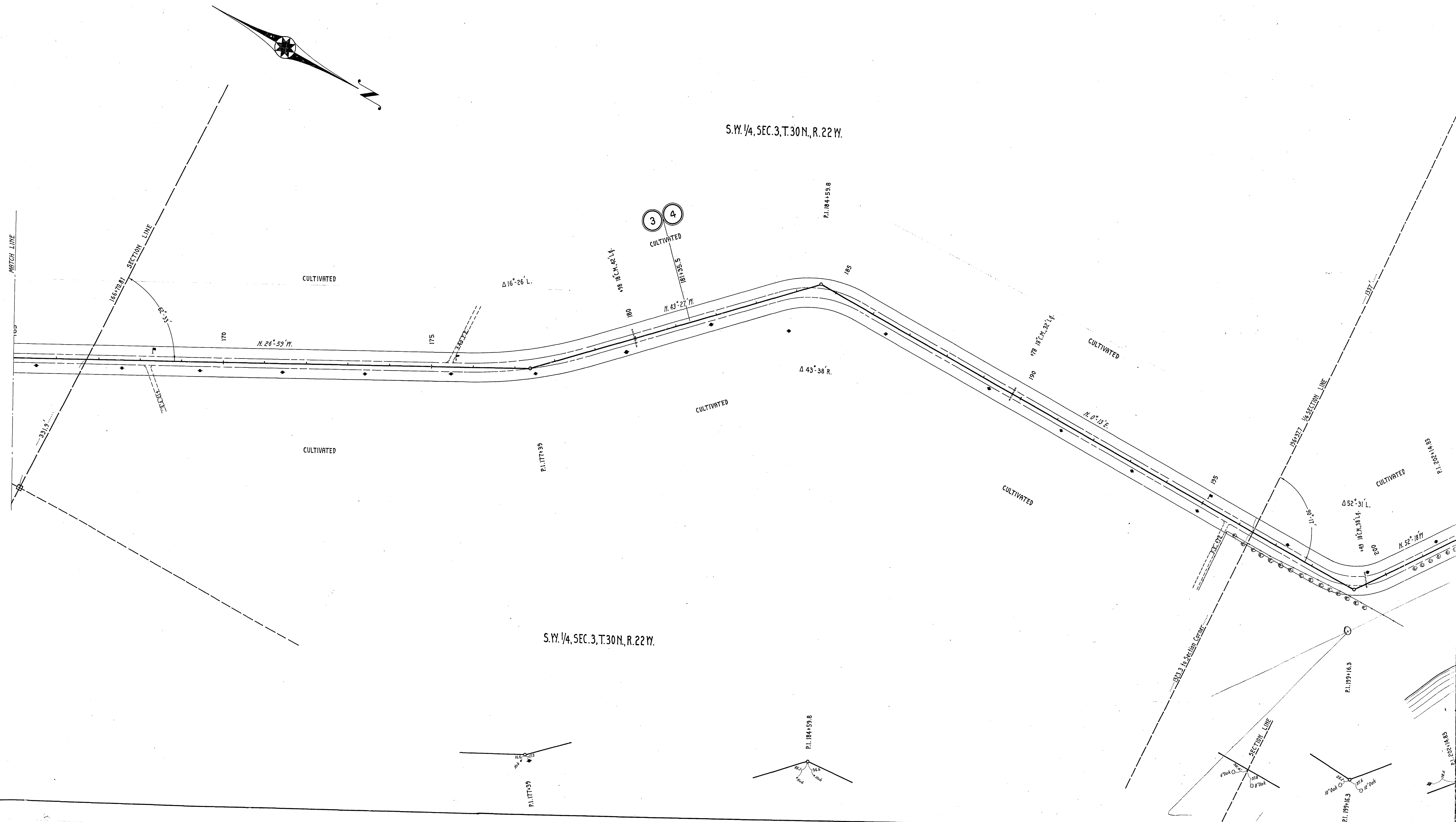
S.E. 1/4, SEC. 15, T. 30 N., R. 22 W.



E. 1/4, SEC. 10, T. 30 N., R. 22 W.



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20XF-7/9

N.W. 1/4, SEC. 3, T. 30N., R. 22 W.

N.E. 1/4, SEC. 4, T. 30N., R. 22 W.

OTTER LAKE

RAMSEY COUNTY ANOKA COUNTY

SECTION LINE

CULTIVATED

BRUSH & STUMPS

WOODED

FIELD

P.L. 205+59.25

P.L. 208+45.57

P.L. 212+24.75

P.L. 215+77.78

P.L. 219+45.5

P.L. 223+27.3

P.L. 227+70

P.L. 231+18.65

P.L. 232+84.5

N. 52° 16' W.

N. 50° 04' W.

N. 44° 49' W.

N. 29° 59' W.

N. 18° 12' W.

N. 60° 03' W.

N. 42° 55' W.

N. 37° 50' W.

N. 17° 30' W.

Δ 2° 03' L.

Δ 7° 07' L.

Δ 46° 51' L.

Δ 35° 15' R.

Δ 2° 14' R.

Δ 10° 47' R.

Δ 17° 08' R.

Δ 4° 57' R.

Δ 20° 28' R.

Δ 16° 40' R.

OTTER LAKE

SECTION LINE

RAMSEY COUNTY

ANOKA COUNTY

N.W. 1/4, SEC. 3, T. 30 N., R. 22 W.

P.1, 199, 16.3

P.1, 205, 59.25

P.1, 204, 45.57

P.1, 212, 24.75

P.1, 219, 45.5

P.1, 215, 77.78

P.1, 223, 42.73

P.1, 227, 47.0

P.1, 231, 18.65

P.1, 232, 14.5

SECTION LINE

18-14-20-05-59.25

OTTER LAKE

COUNTY COUNTY

SECTION LINE

18-14-20-05-59.25

OTTER LAKE

COUNTY COUNTY

SECTION LINE

P.1, 199, 16.3

P.1, 205, 15.25

P.1, 204, 14.5.57

P.1, 212, 24.15

P.1, 219, 45.5

P.1, 215, 77.78

P.1, 223, 27.3

P.1, 227, 17.0

P.1, 231, 18.65

P.1, 232, 14.5

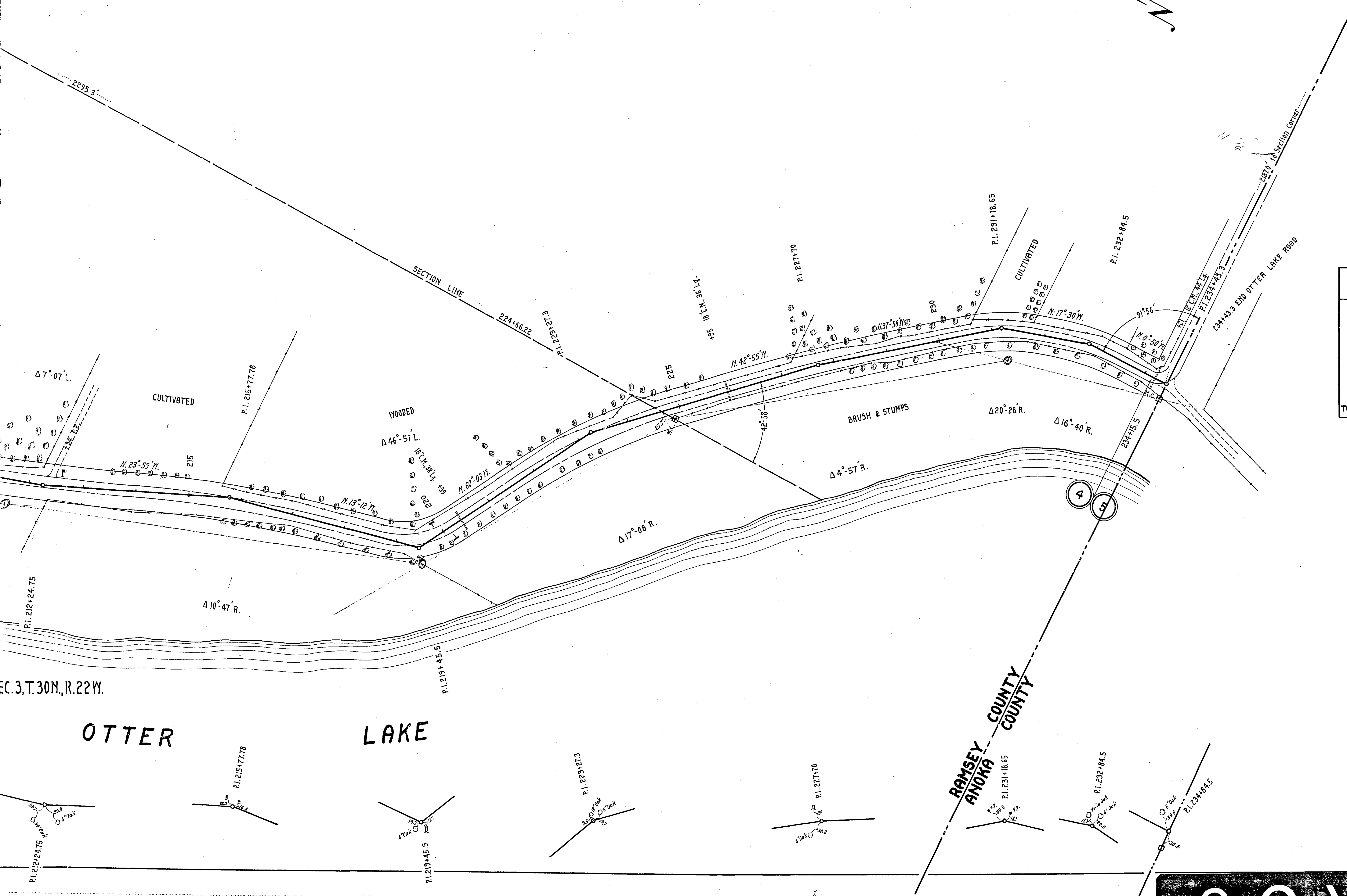
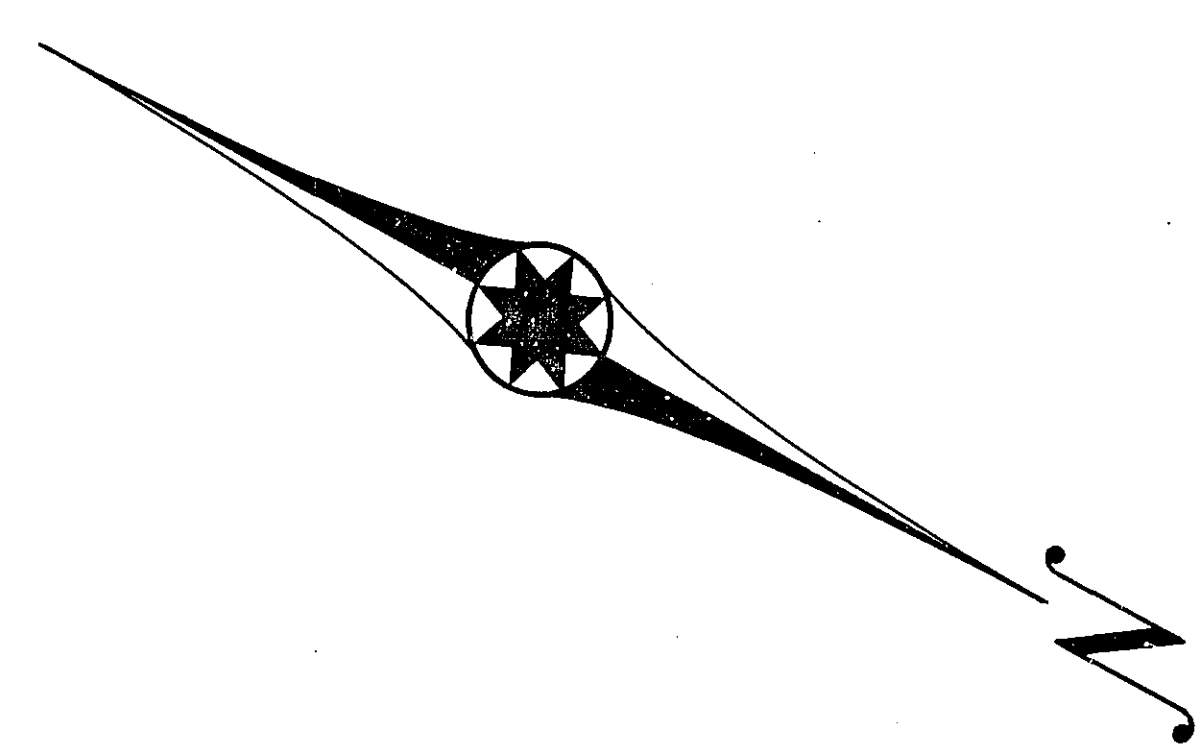
OTTER LAKE

N.W. 1/4, SEC. 3, T. 30 N., R. 22 W.

RAMSEY COUNTY

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N.E. 1/4, SEC. 4, T. 30 N., R. 22 W.



SUMMARY OF MILE 4&5													
Sta. 181+355 to Sta. 234+43.3					1.0053 MILES								
CULVERTS					BRIDGES		SIGNS			GUARD RAIL		SURFACING	
C.M.	P.1	P.3	V.P.	C.I.P.	KIND	MARKING	CAUTION	GUIDE	R.R.	KIND	LI.N.F.T.	KIND	SQ.YDS.
18+38'								2				Gravel	1175.52
18+36'													
12+44'													
18+32'													
18+30'													
12+24'													
18+36'													
TOTAL													

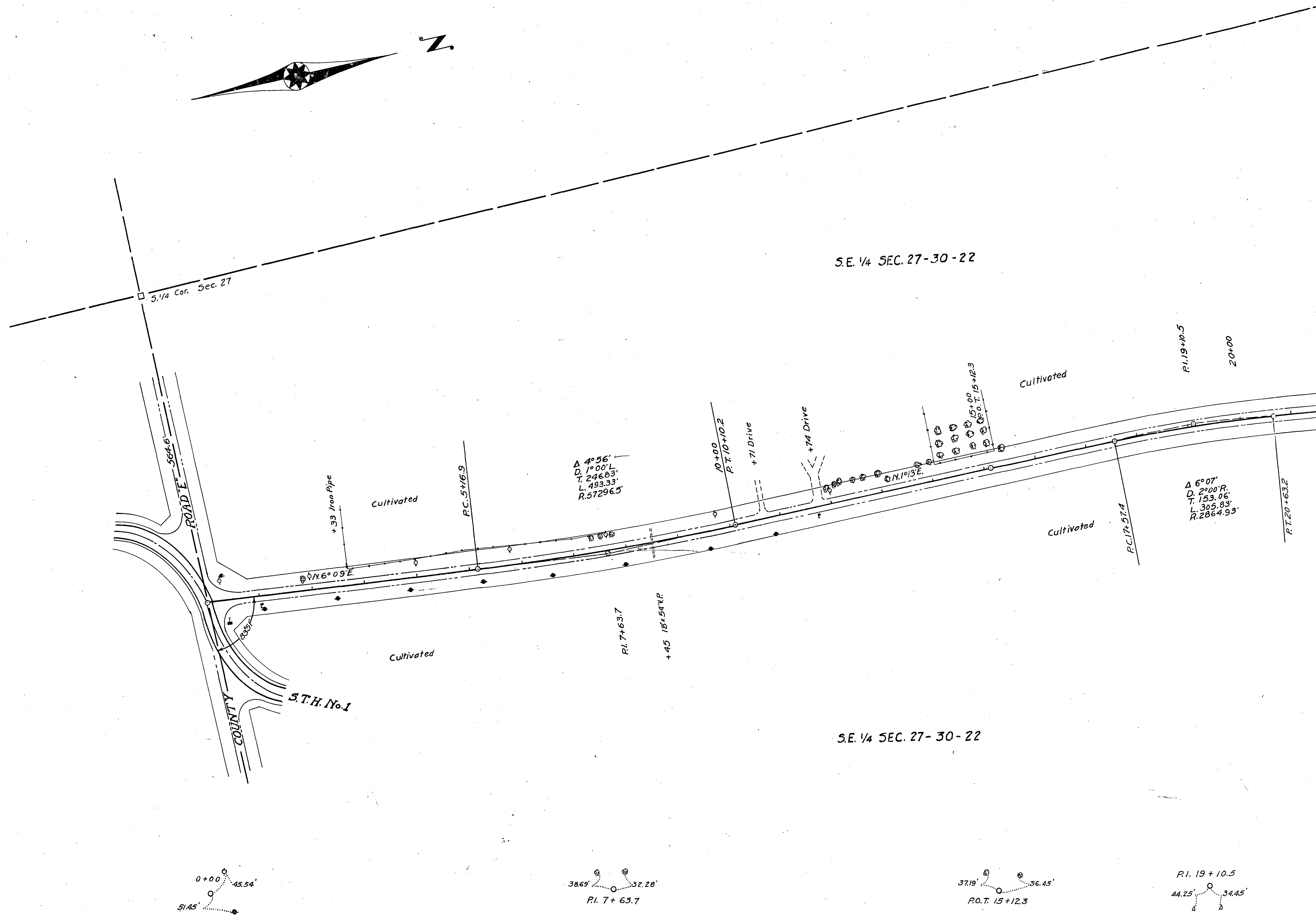
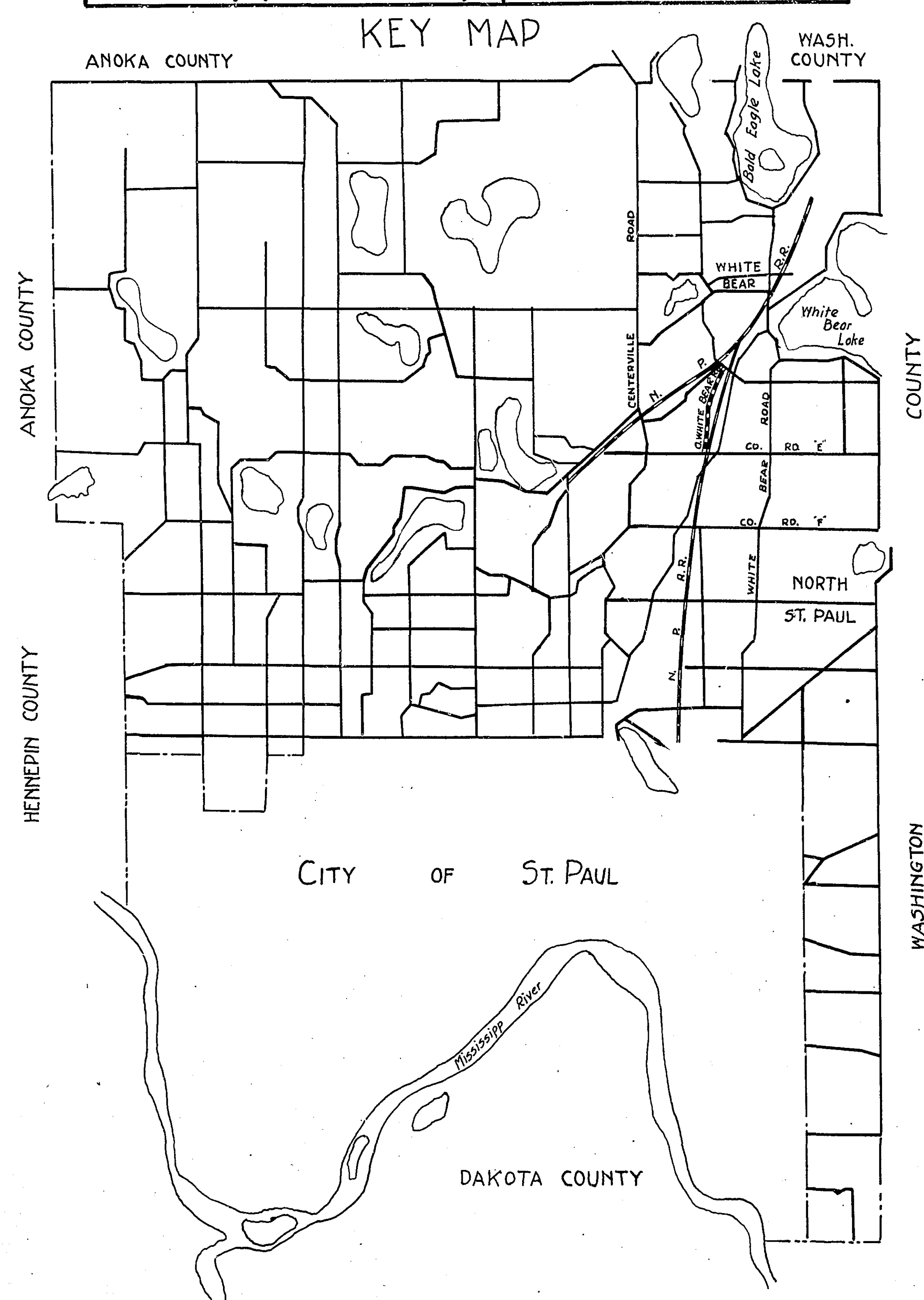
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OFFICE OF COUNTY ENGINEER
 RAMSEY COUNTY
 PROGRESSIVE ROAD MAP
 OF
OLD WHITE BEAR ROAD
 FROM COUNTY RD E TO S. T. H. No.1

TOTAL LENGTH 6343.5 FT. = 1.20 MI.

CONVENTIONAL SIGNS & ABBREVIATIONS			
ITEM	CONVENTION	ABBREV.	ITEM
State Line	---		Surfacing
County Line	---		Sectional Conc. Culv. (Light Type)
Township Line	---		" " " (Heavy ")
Section Line	---		Corrugated Metal Culvert
City or Village	---		Vitrified Clay Pipe
Fence	---		Cast Iron Pipe
Right of Way Line	---	R.O.W.	Private
Earth Road (Not standard)	---	Rd.	Inplace
Graveled on Grade not stand.	---	G.	Right
Graded to Standard	---	Gr.	Left
Graded & Graveled to stand.	---	Gr. & G.	Intersection Angle
Paved	---	Pvd.	Radius
Farm Entrance	---		Point of Curve
Railroad	---	R.R.	" " Tangent
Retaining Walls	---		" " Intersection
Guard Rail	---	G.R.	" on Curve
Survey Line	---	S.	" " Tangent
Gravel Pit	---		
Sand Pit	---		
Clay Pit	---		
Rock Quarry	---		
Culverts	---		
" Plain	---		
" With face walls	---		
" With wing walls	---		
Drop Inlets	---		
Electric Poles	---		
Telephone or Telegraph Poles	---		
Trolley Poles	---		
County Marking Signs	---		
" Guide	---		
" Caution	---		
" Reflector	---		
" Rail Crossing Signs	---		
Railroad Crossing Signs	---		

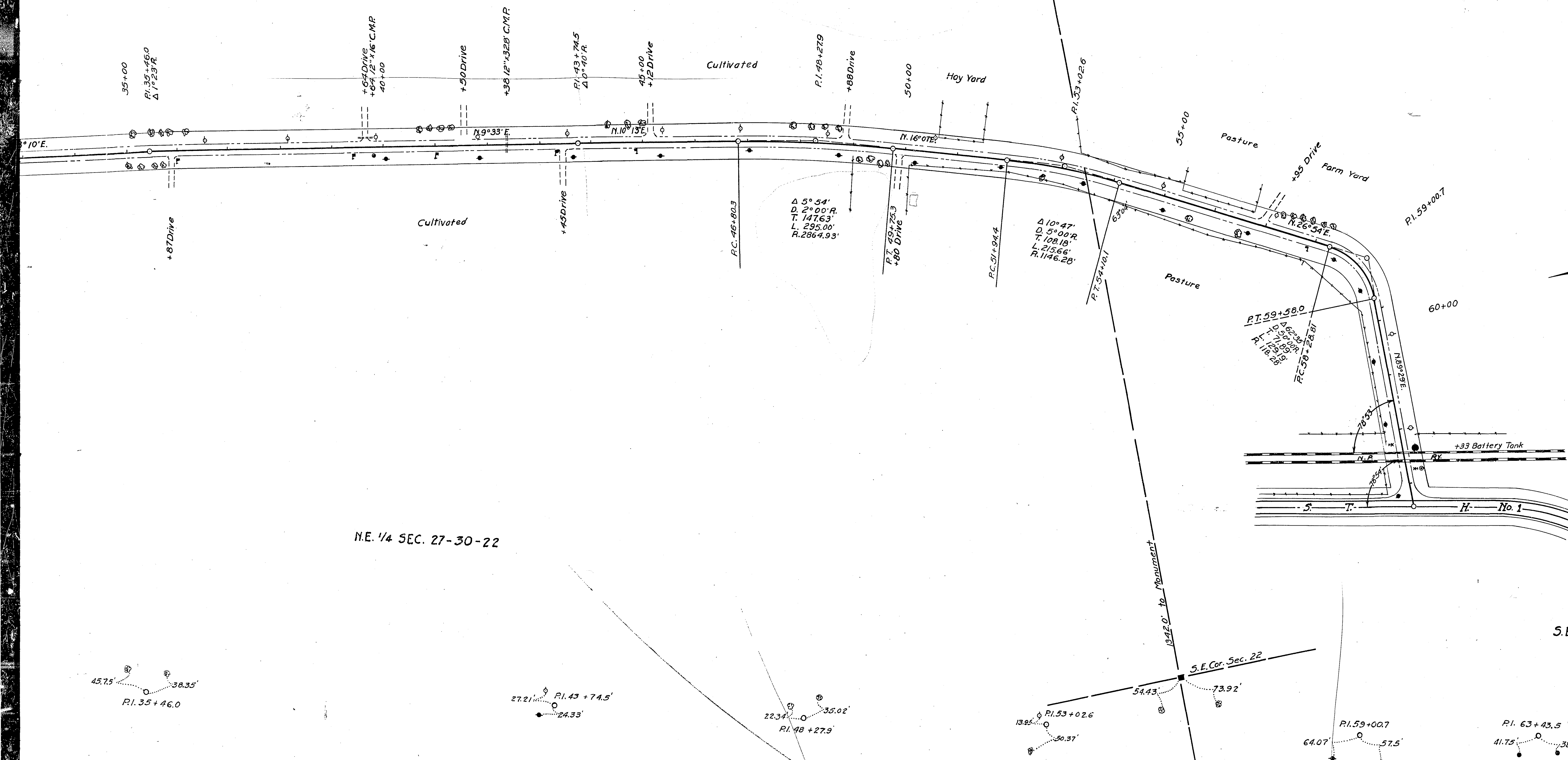
KEY MAP



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N.E. 1/4 SEC. 27-30-22

S.E. 1/4 SEC. 22-30-22



N.E. 1/4 SEC. 27-30-22

S.E. 1/4 SEC. 22-30-22

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