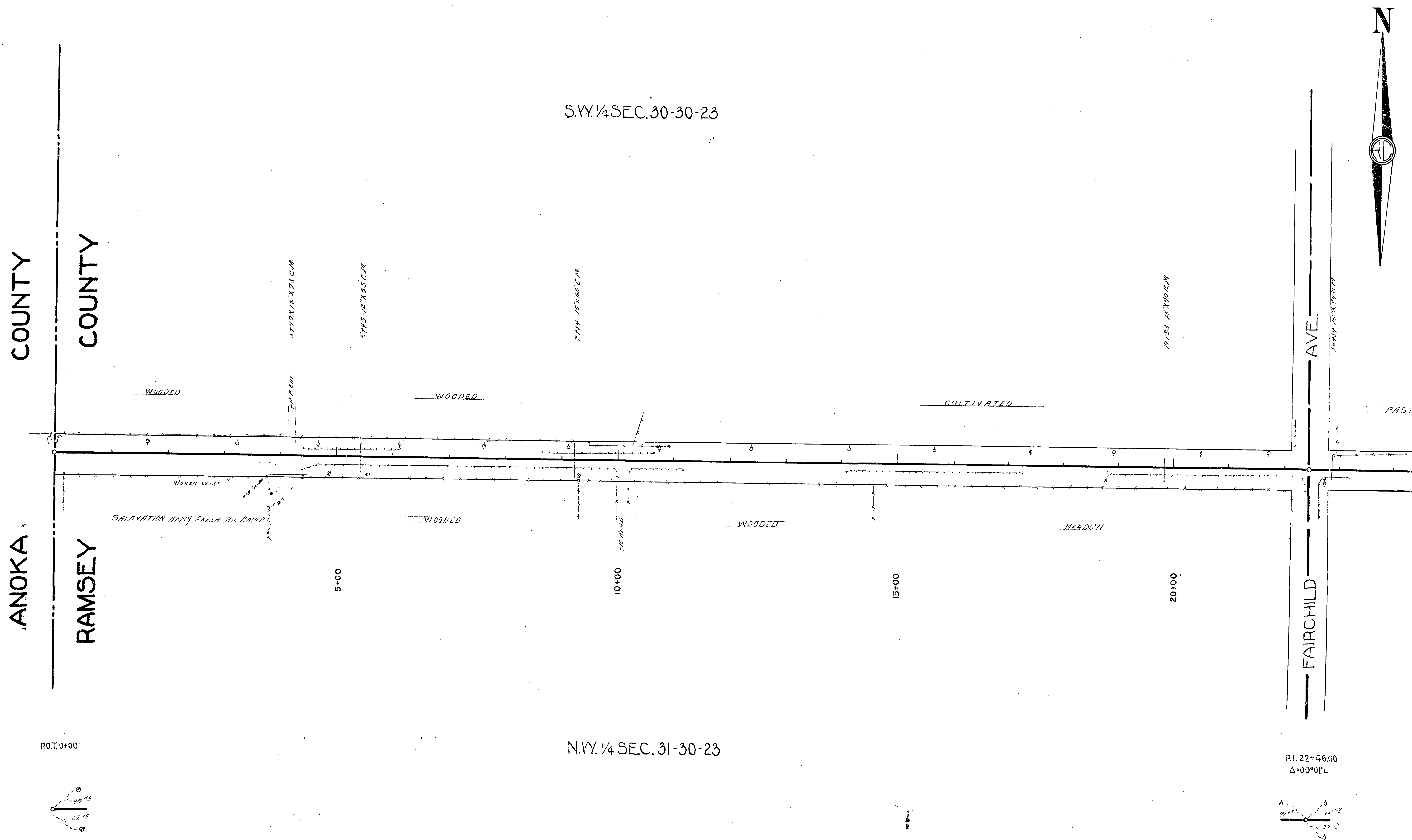
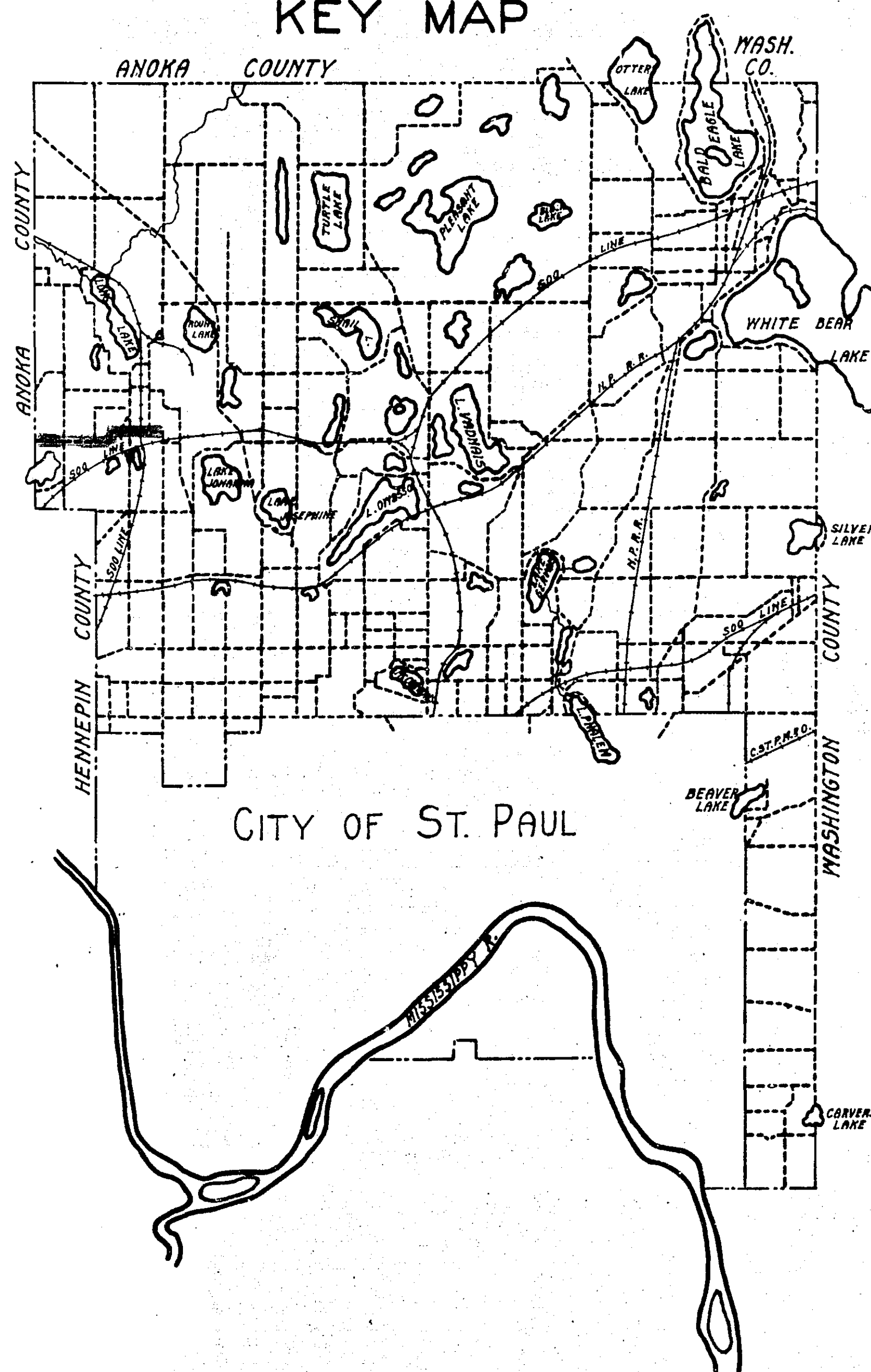


OFFICE OF COUNTY ENGINEER
 RAMSEY COUNTY
 PROGRESSIVE ROAD MAP
 OF
 COUNTY ROAD "E"
 FROM W. CO. LINE TO CLEVELAND AVE.

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

CONVENTIONAL SIGNS & ABBREVIATIONS				
ITEM	CONVENTION	ABBREV.	ITEM	ABBREV.
County Line	---		Surfacing	S
Township Line	---		Sectional Conc. Culv. (light type)	Pt
Section Line	---		Sectional Conc. Culv. (heavy type)	P3
City or Village	---		Corrugated Metal Culvert	C.M.
Fence	---		Vitrified Clay Pipe	V.P.
Right-of-Way Line	---	R.O.W.	Cast Iron Pipe	C.I.P.
Earth Road - not standard	---	Rd.	Private	Pr.
Graveled on grade not standard	---	G.	In place	Imp.
Graded to standard	---	Gr.	Right	RI.
Graded & Graveled to Stand.	---	Gr. & G.	Left	LI.
Bituminous Treated	---	Bit. Tr.	Intersection Angle	Δ
Paved	---	Pvd.	Radius	R
Farm Entrance	---	F.E.	Point of Curve	P.C.
Railroads	---	R.R.	" Tangent	P-T
Retaining Walls	---	R.W.	" Intersection	P-I
Guard Rail	---	G.R.	" on Curve	P-O-C
Survey Line	---	S	" Tangent	P-O-T
Gravel Pit	---			
Sand Pit	---			
Clay Pit	---			
Culverts	---			
" Plain	---			
" With Headwalls	---			
Manhole	---	M.H.		
Catch Basin	---	C.B.		
Electric Poles	---	E.P.		
Telephone or Telegraph Poles	---	T.P.		
Trolley Poles	---	T.R.P.		
Road Lamps	---	R.L.		
County Marking Signs	---	M. sign		
" Guide	---	G. sign		
" Caution	---	C. sign		
" Reflector	---	R. sign		
" Rail Crossing	---	R.R. sign		
Railroad - Crossing Sign	---	Xing sign		

KEY MAP

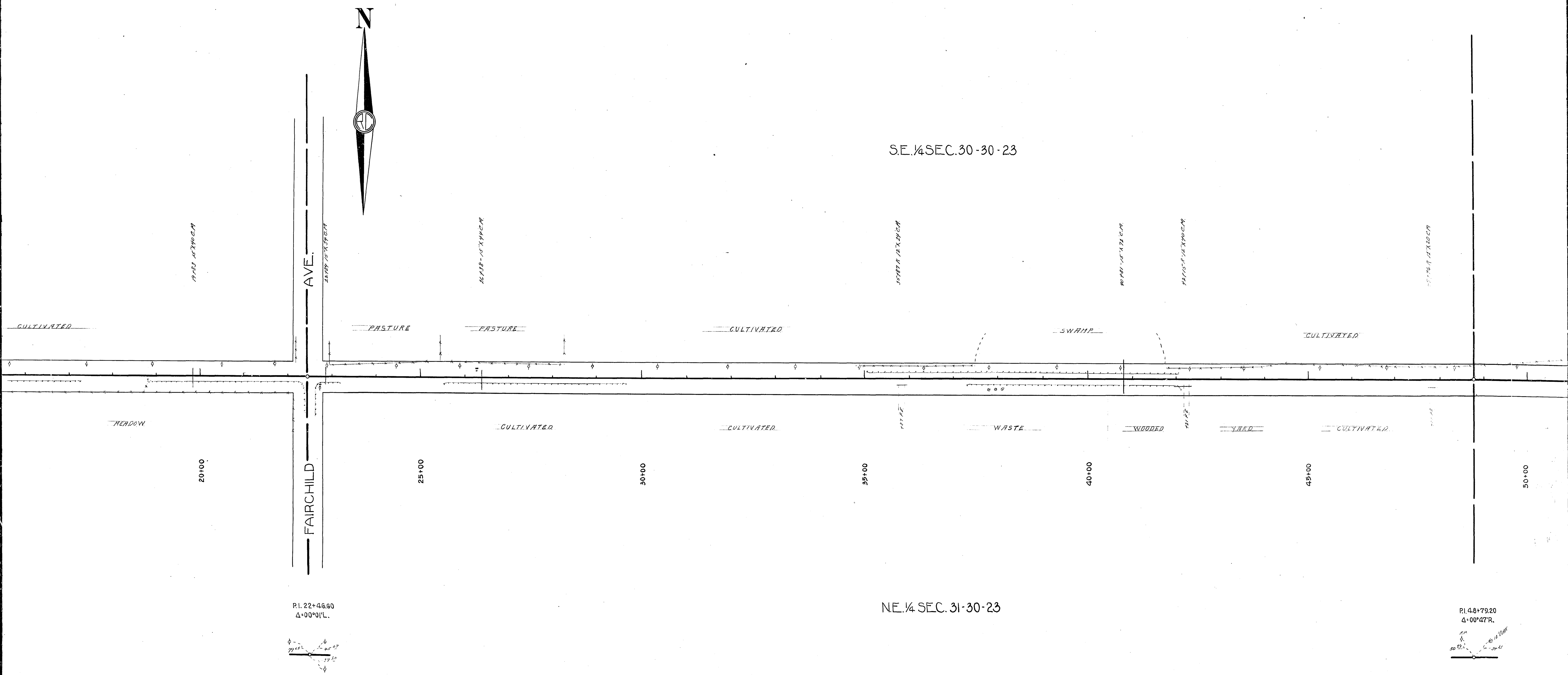


S.W. 1/4 SEC. 30-30-23

N.W. 1/4 SEC. 31-30-23

P.I. 22+46.00
 Δ=00°01' L.

20X F-1/4



19-23 14'X40.21

AVE.

14-24 10'X40.21

14-18 10'X40.21

14-24 10'X40.21

14-24 10'X40.21

14-24 10'X40.21

14-24 10'X40.21

CULTIVATED

PASTURE

PASTURE

CULTIVATED

SWAMP

CULTIVATED

MEADOW

CULTIVATED

CULTIVATED

WASTE

WOODED

YARD

CULTIVATED

20+00

25+00

30+00

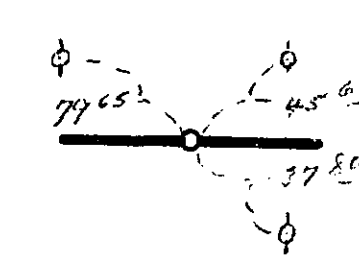
35+00

40+00

45+00

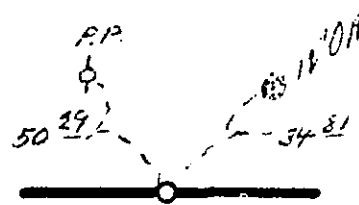
50+00

P.I. 22+46.60
Δ=00°01' L.



N.E. 1/4 SEC. 31-30-23

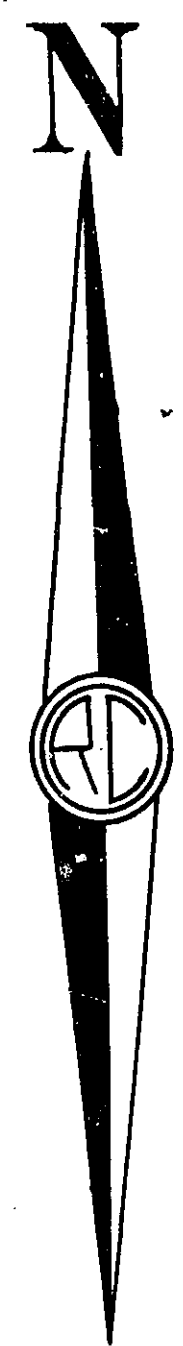
P.I. 48+79.20
Δ=00°47' R.



20 X F 2 / 4

S.W. 1/4 SEC. 29-30-23

N.W. 1/4 SEC. 32-30-23



No. 63

CULTIVATED

PASTURE

CULTIVATED

Δ 88°34'
R 70.39
A 109.12

Δ 91°08'
R 51.12
A 101.46

S.T.H.

75+00

70+00

80+00

WOODED

WOODED

CULTIVATED

CULTIVATED

CULTIVATED

CULTIVATED

PI. 48+79.20
Δ=00°47'R.

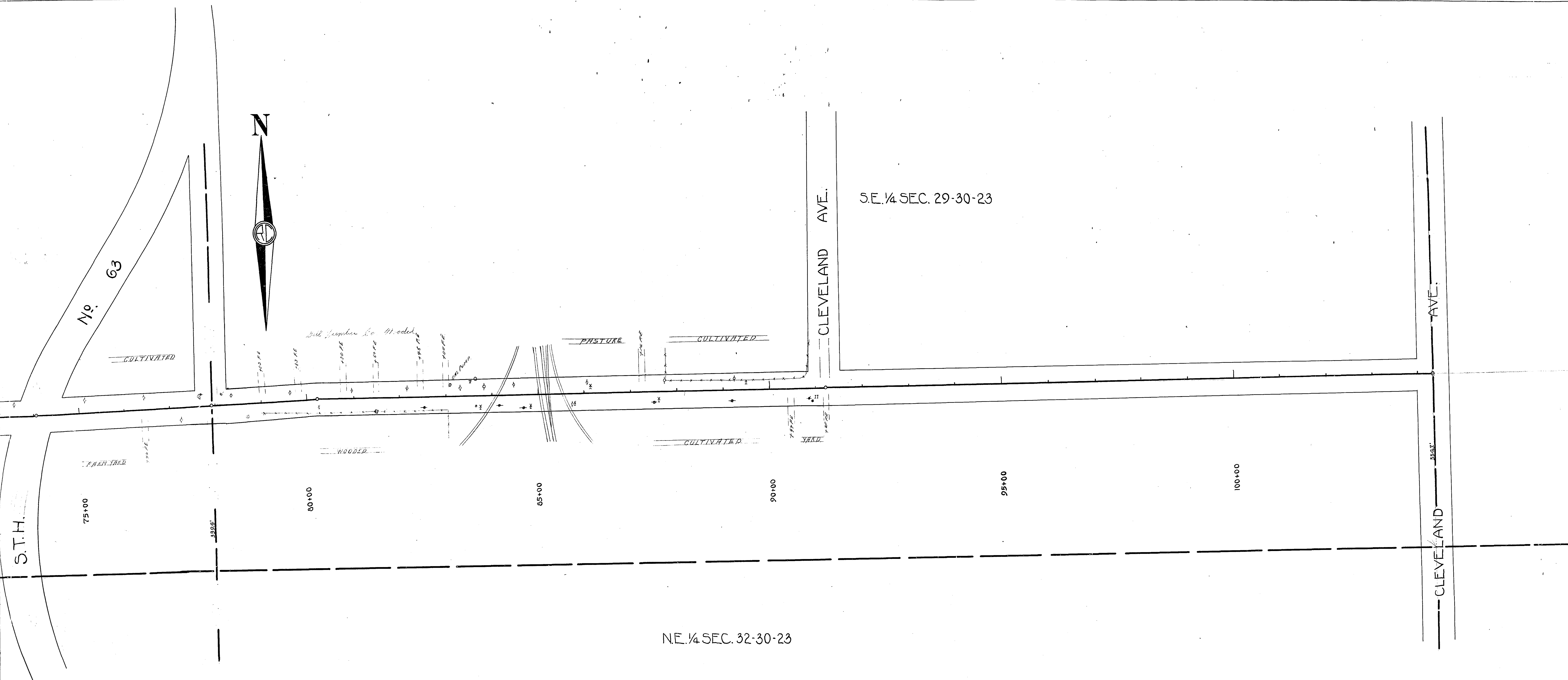
PI. 61+96.44 PI. 65+04.25

PI. 74+06.00
Δ=01°47'L.

PI. 77+91.15
Δ=00°08'L.

PI. 80+22.35
Δ=01°58'R.

20X F 3 / 4



PI. 74+06.00
Δ=0°47'L.

PI. 77+91.15
Δ=0°06'L.

PI. 80+22.35
Δ=0°58'R.

PI. 91+20.55
Δ=0°26'L.

P.O.T. 104+33.15

20X F-4/4