















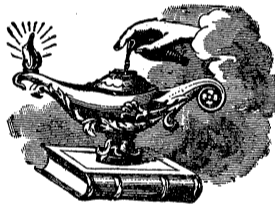
# ATLAS *and* PLAT BOOK

— of —

# CLARE COUNTY

## MICHIGAN

Containing Outline Map of the County; Plats of all the Townships with Owners' Names, Cities and Towns, Michigan State Map Showing Automobile Roads, Map of the United States and Map of the World.



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 CLARE, MICH.

Compiled From Latest Data on Record

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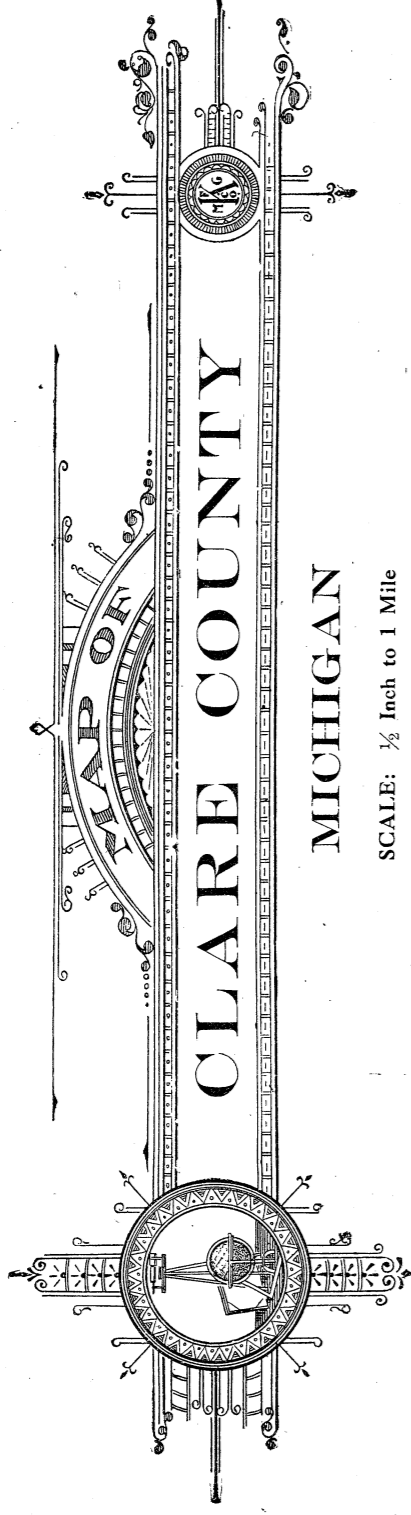
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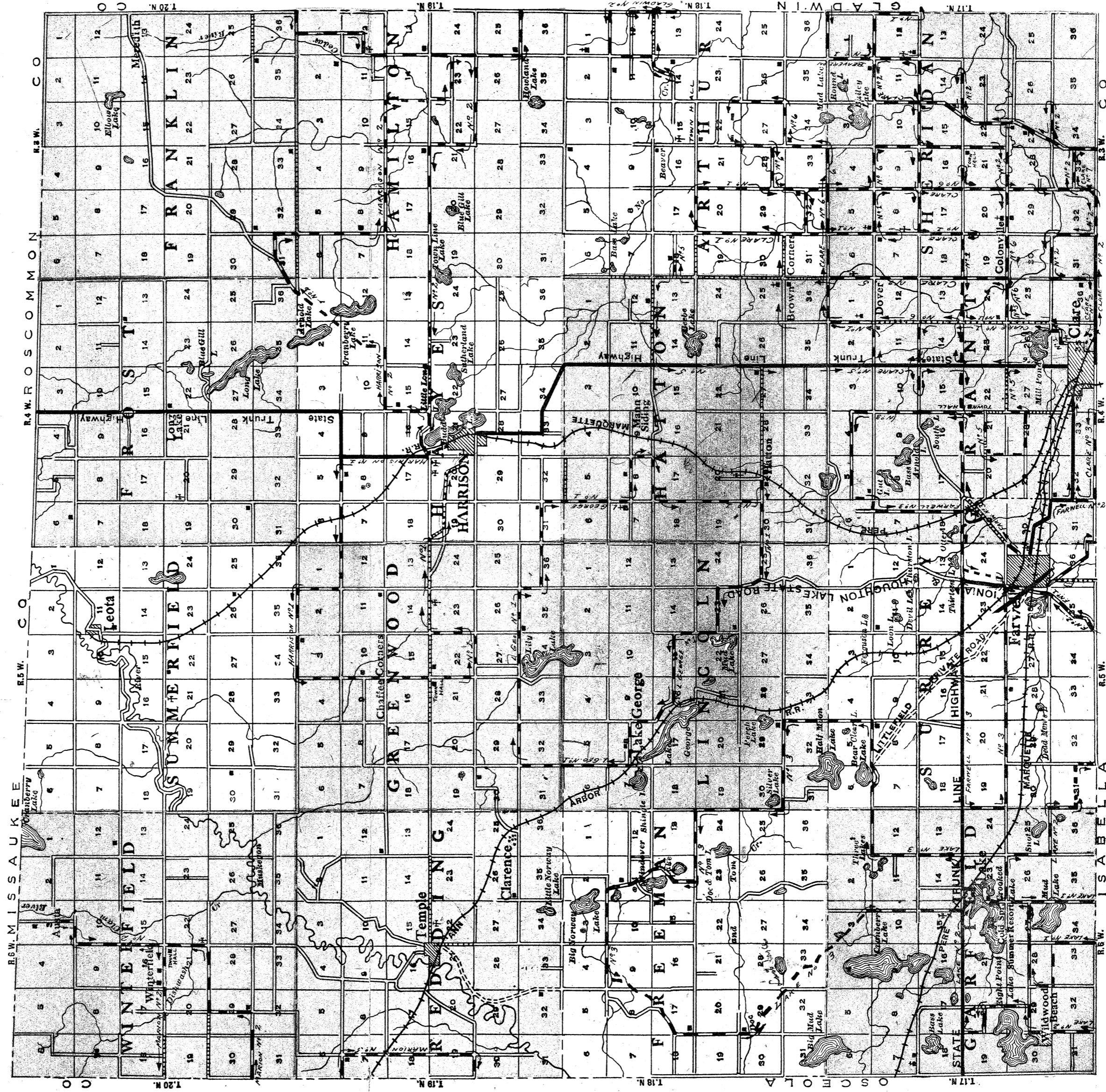


OUTLINE



SCALE: 1/2 Inch to 1 Mile

- State Reward Roads Shown thus:
- State Trunk Line Highways Shown thus:
- Where Rural Routes run over State Roads, the same are denoted by arrows thus:
- Rural Routes Shown thus:
- Churches Shown thus:
- Schools Shown thus:
- Cemeteries Shown thus:







# MAP OF WINTERFIELD TOWNSHIP

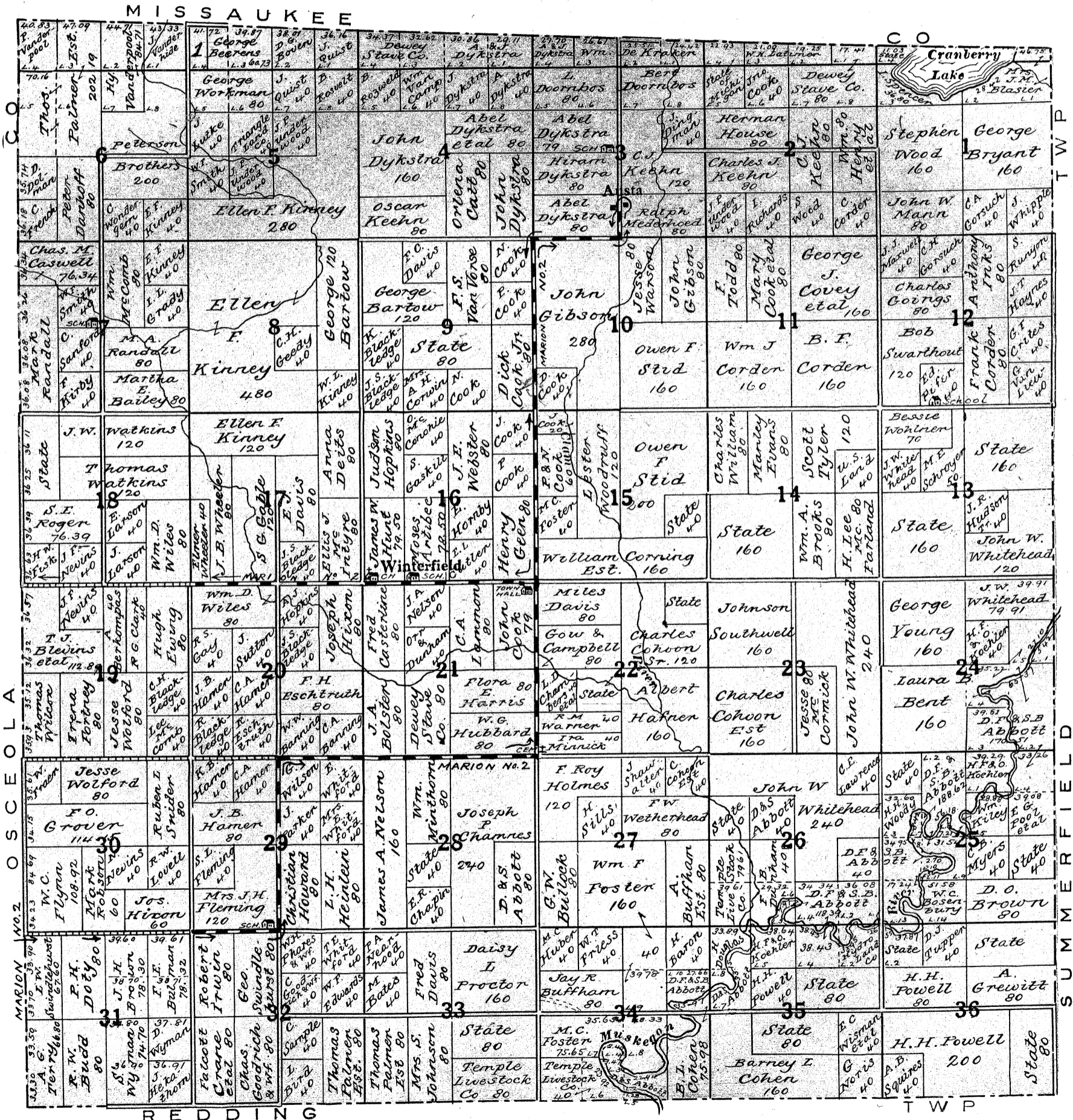
CLARE COUNTY, MICHIGAN  
Township 20 North, Range 6 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:

State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:

Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

No.	Name.	Acres.	Sec.
1.	John Vanderhide	20.86	5





# MAP OF SUMMERFIELD TOWNSHIP

CLARE COUNTY, MICHIGAN

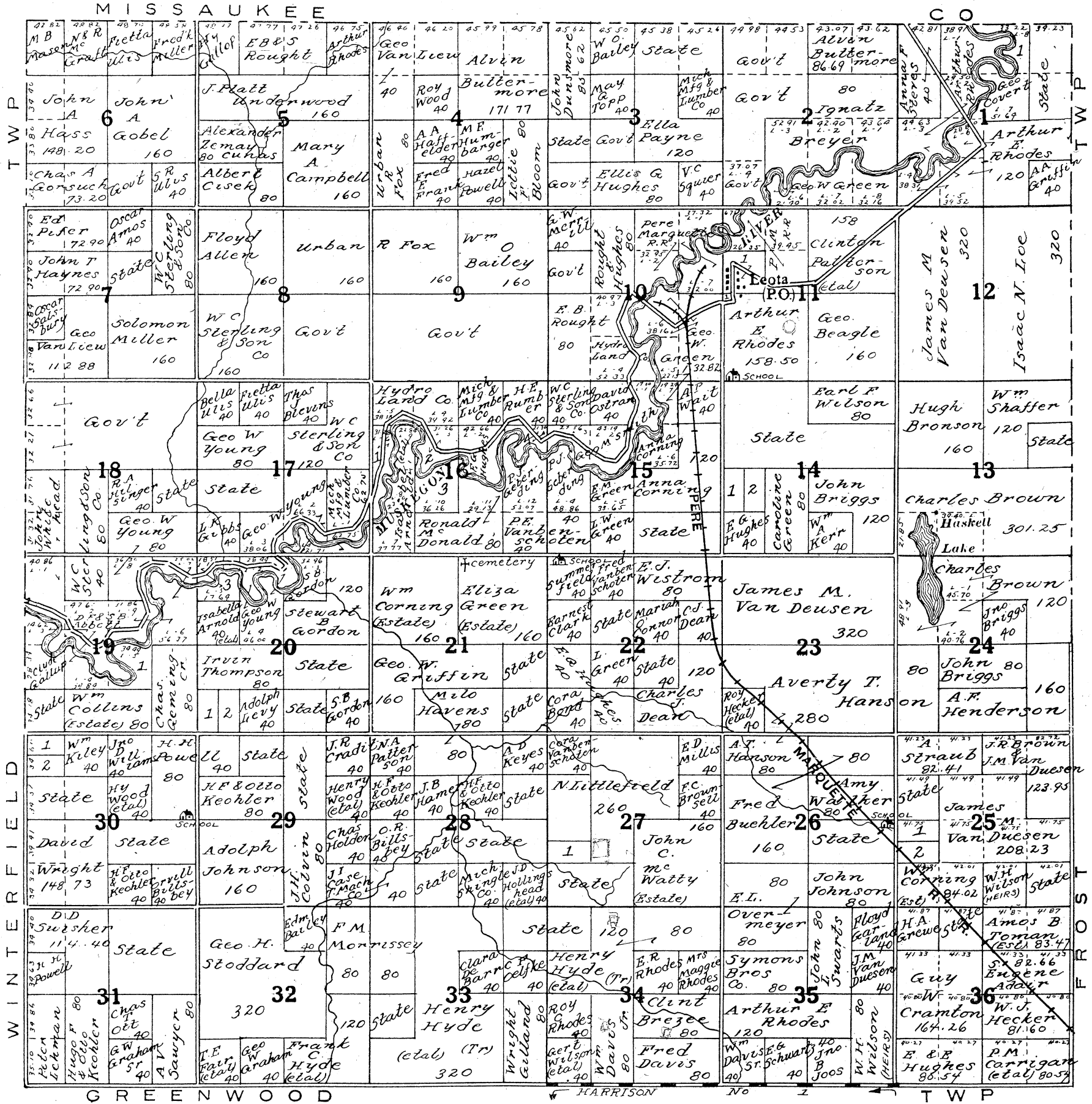
Township 20 North, Range 5 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:

State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:

Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

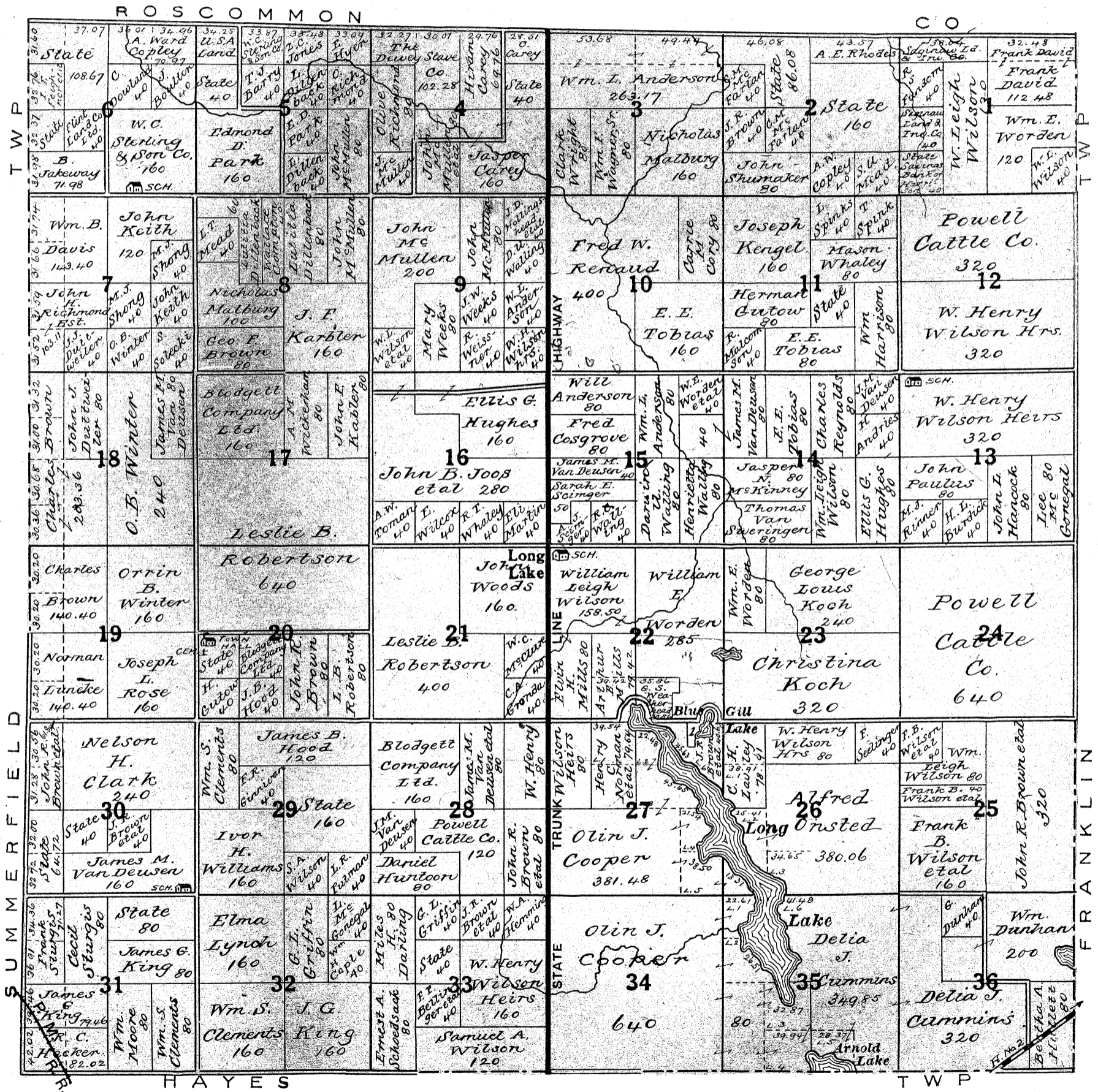
No.	Name.	Acres.	Sec.	No.	Name.	Acres.	Sec.	No.	Name.	Acres.	Sec.
1.	Lincoln Lowe	33.22	1	1.	E. G. Hughes	31.28	16	1.	J. C. Neldecker	20.87	25
1.	Alb. Logan	11	11	2.	E. G. Hughes	31.26	16	2.	W. W. Sawyer	20	20
2.	Zoa Landers	1.50	11	3.	Geo. W. Young	36.26	16	3.	Peter Cook	36.15	20
1.	L. S. Winters, et al.	20	14	4.	State	21.30	16	1.	Lela Dingwell	20.87	25
2.	Oregon Inv. Co.	20	14	1.	Jay Bates	34.49	19	2.	P. Casper	17.30	30



MAP OF  
**FROST**  
TOWNSHIP  
CLARE COUNTY, MICHIGAN  
Township 20 North, Range 4 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:   
 State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:   
 Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

No.	Name.	Acres.	Sec.
1.	Fred Double	5	27



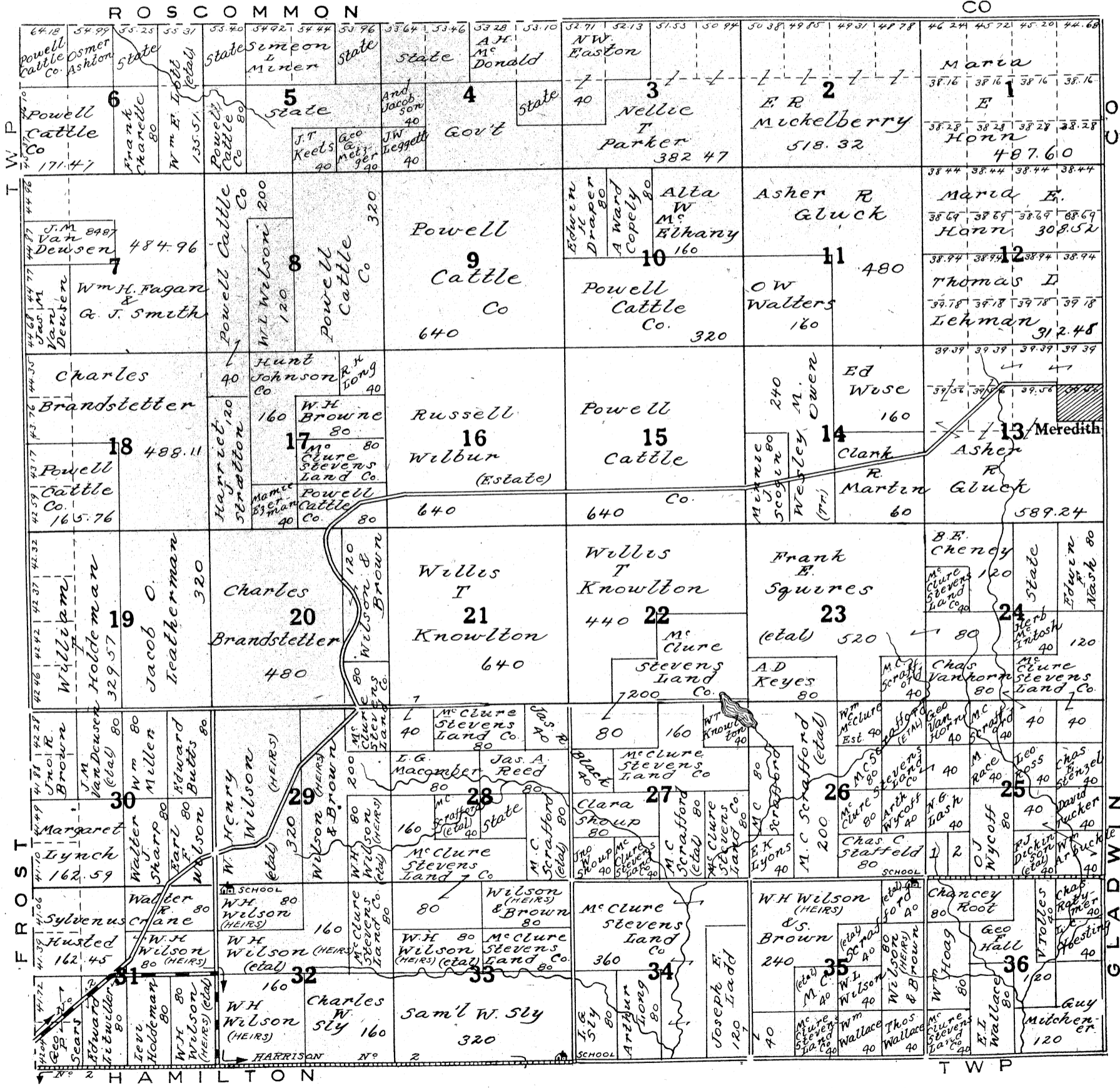


# MAP OF FRANKLIN TOWNSHIP

CLARE COUNTY, MICHIGAN  
Township 20 North, Range 3 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:   
 State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:   
 Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

No.	Name.	Acres.	Sec.
1.	Jno. McClain	20	25
2.	Wm. McClain	20	25

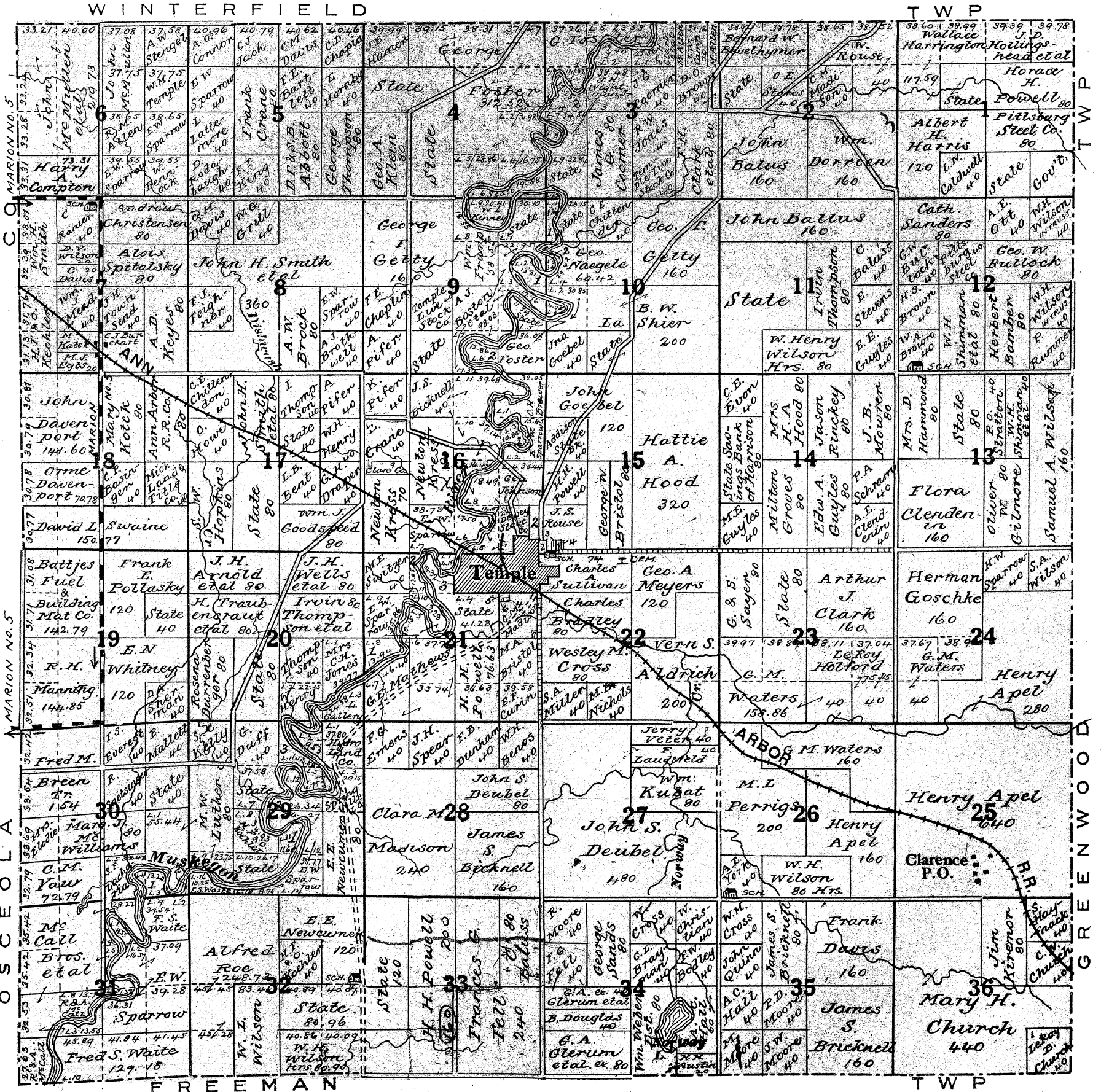


# MAP OF REDDING TOWNSHIP

CLARE COUNTY, MICHIGAN  
Township 19 North, Range 6 West of the Michigan Meridian.

Scale: 1½ Inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:   
 State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:   
 Where Rural Routes run over State Roads, the same are denoted by arrows thus:



**List of Small Property Owners in this Township Shown on Map by Numbers.**

No.	Name.	Acres.	Sec.	No.	Name.	Acres.	Sec.	No.	Name.	Acres.	Sec.
1.	Hydr. Land Co.	17.40	3	2.	Clara Madison	15	15	3.	National Woodenware Co.	50	21
2.	State	17.25	3	3.	Edward Cooper, et al.	15	15	4.	Oscar A. Coleman	.65	21
3.	George Postor	13.81	9	4.	Bridget A. Legget	.50	15	5.	Mary Jane Chambers	.65	21
4.	W. M. Eaton	12.86	9	5.	J. B. Buffam, et al.	10.85	16	6.	Temple Livestock Co.	.21	21
1.	Hydro Land Co.	8.86	10	6.	James H. Townsend	.8	16	7.	Robert Young	.21	21
2.	A. P. Wait	3.16	10	1.	Katman Brothers	13.94	21	1.	Hydro Land Co.	11.60	29
1.	Henry I. Altenburg	1.25	15	2.	State	13.05	21	2.	Richard H. Dewey	26.39	29
								3.	E. Wimmershow	25.57	29
								1.	Port Huron Eng. & Thresher Co.	17.40	30
								2.	F. S. Waite	.30	30
								1.	Ray McCall	1.37	31





# MAP OF GREENWOOD TOWNSHIP

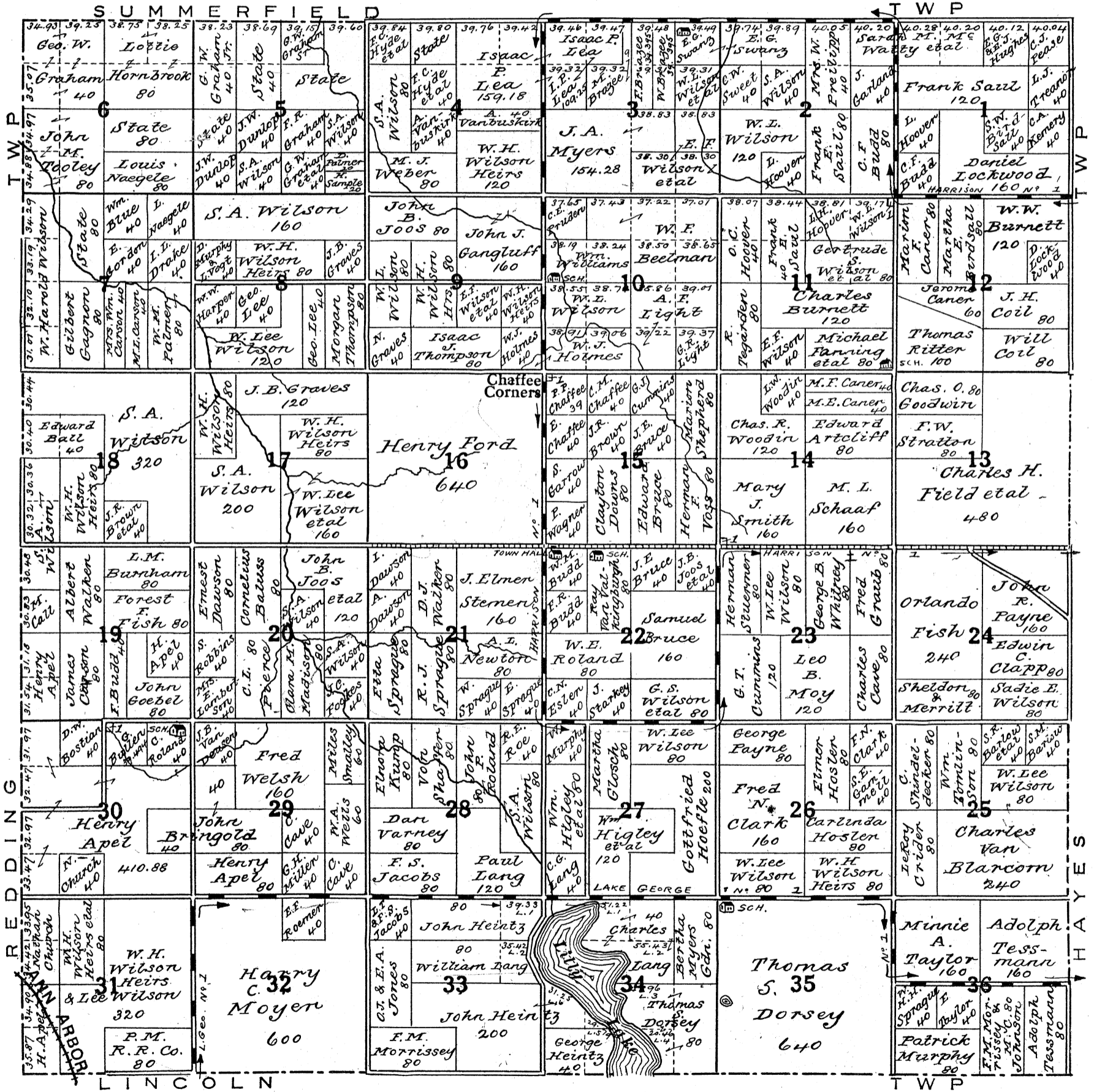
CLARE COUNTY, MICHIGAN  
Township 19 North, Range 5 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:

State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:

Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

No.	Name	Acres.	Sec.
1.	C. J. Hoover	50	11
1.	C. B. Ritter	75	14
1.	E. S. Chaffee	1	15
1.	D. W. Bostian	50	30



# MAP OF HAYES TOWNSHIP

CLARE COUNTY, MICHIGAN  
Township 19 North, Range 4 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:   
 State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:   
 Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

No.	Name	Acres.	Sec.	No.	Name	Acres.	Sec.	No.	Name	Acres.	Sec.
1.	J. W. McGraw	29.68	1	6.	H. W. Campbell	34.85	16	1.	W. E. Aldrich		21
2.	Powell Cattle Co.	37.15	2	1.	Orson Schoonover	10	20	2.	Andrew Murphy	1.50	21
3.	A. Wilson	21.75	2	2.	Andrew Murphy	10	20	3.	E. Tooley		21
4.	Mrs. Jno. J. Hamilton		5	3.	C. J. Richardson Est.	24.86	20	4.	Miles Darling		21
1.	Wm. J. Murphy		16	4.	W. J. Hecker	10	20	5.	James Darling		21
2.	Laura S. Bailey		5	5.	Jos. F. Saunders	50	20	6.	Geo. McVay	1.59	21
3.	Wm. Conway		10	6.	Jos. Oakley	10	20	7.	James Darling		21
4.	A. Murphy		10	7.	A. M. Baker	10	20	8.	Geo. W. Grismore	7	21
5.	Andrew Hagen		16	8.	Roy Eaton	20	20				
								9.	Clare County Agricultural Society		21
								1.	Mercy A. Schofield	42.75	22
								2.	Oliver Beemer	32.26	22
								3.	Geik C. Geiken	30.05	22
								1.	Maron F. Caner	7	28
								2.	Charlotte Pierce	2.50	28
								3.	Iva Kellogg	15	28
								1.	I. J. Thompson	2	29





# MAP OF HAMILTON TOWNSHIP

CLARE COUNTY, MICHIGAN

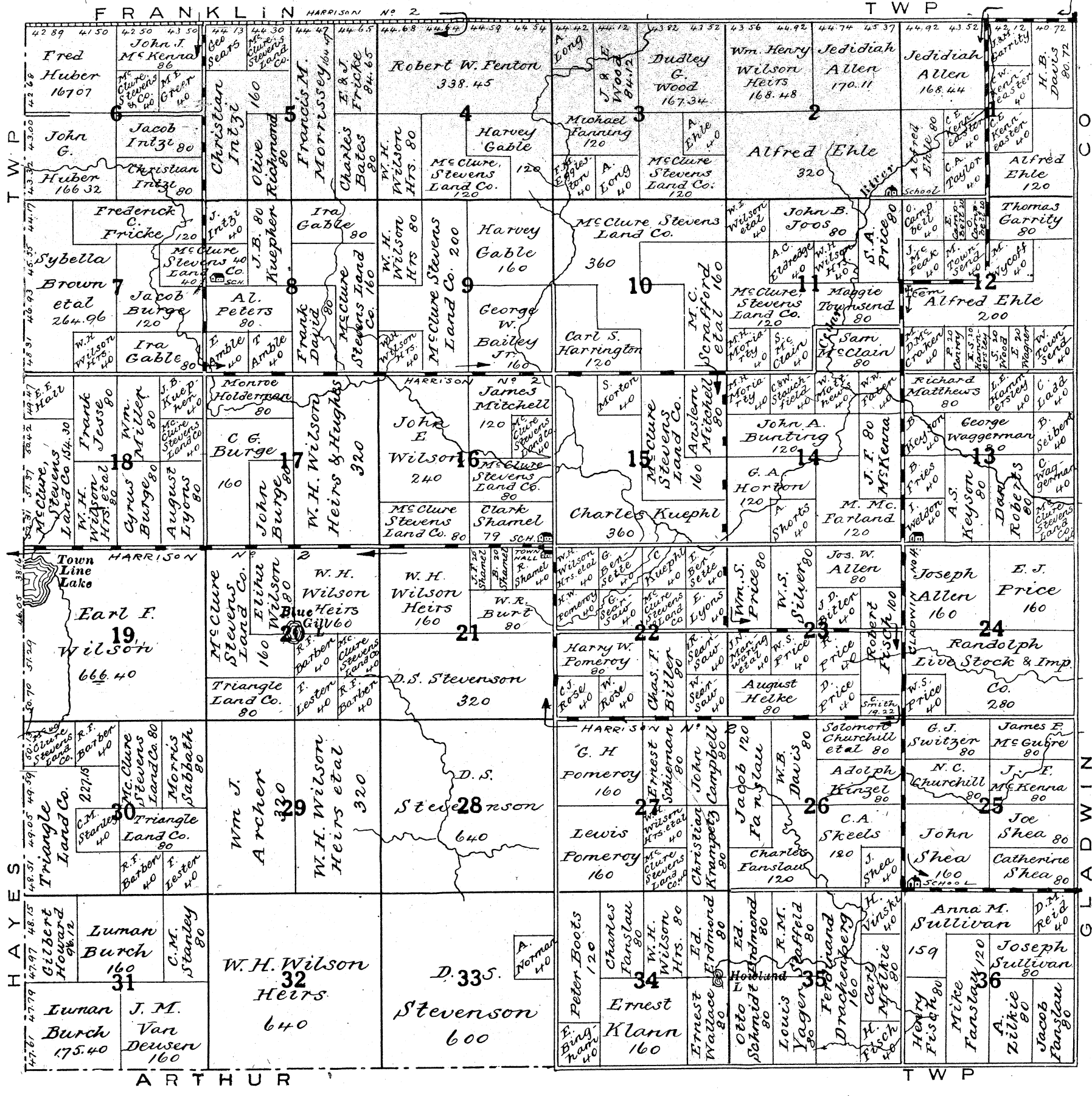
Township 19 North, Range 3 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:

State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:

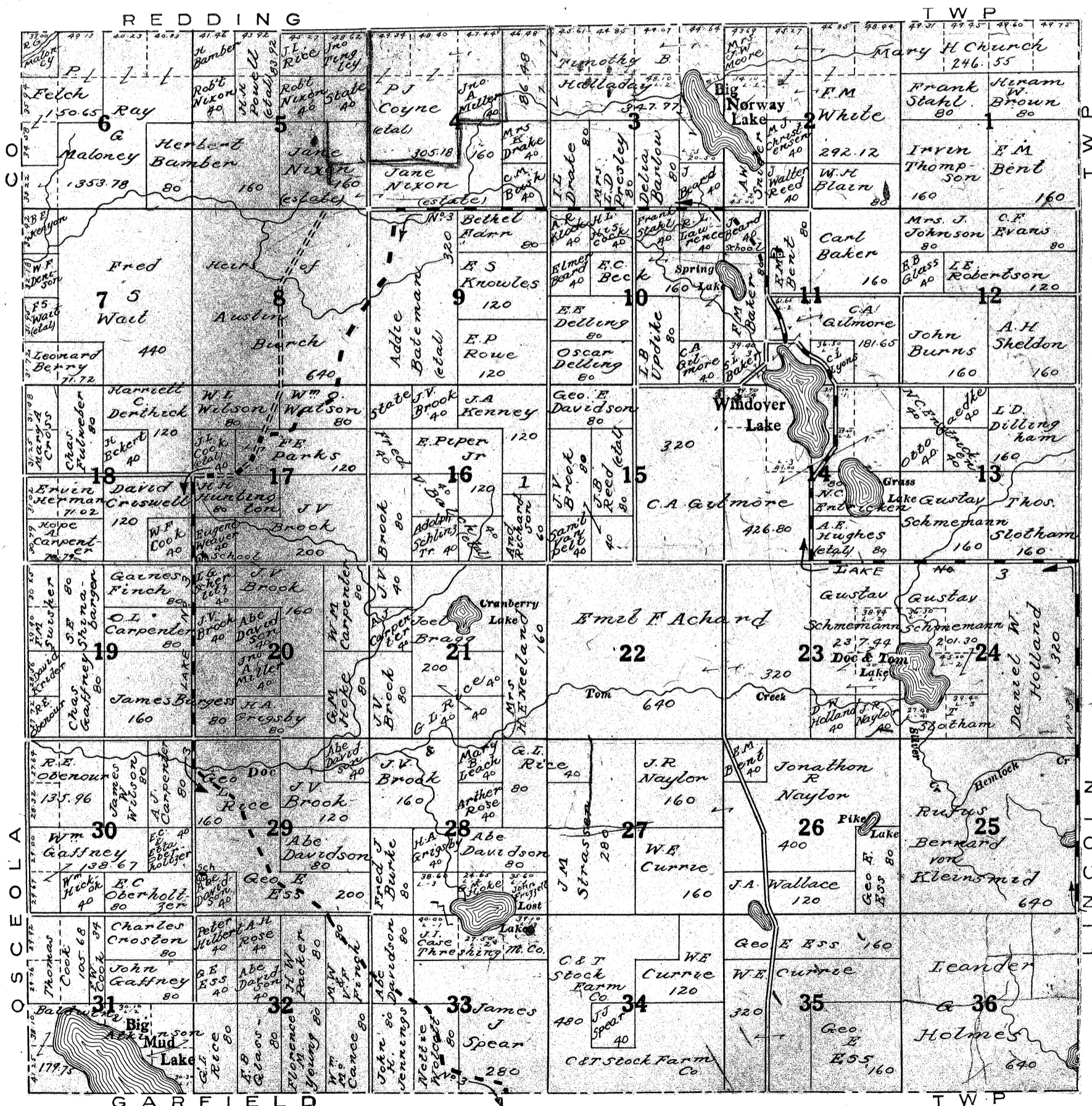
Where Rural Routes run over State Roads, the same are denoted by arrows thus:





**MAP OF**  
**FREEMAN**  
**TOWNSHIP**  
 Scale: 1 1/2 Inches to 1 Mile.  
 CLARE COUNTY, MICHIGAN  
 Township 18 North, Range 6 West of the Michigan Meridian.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus: 
  
 State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus: 
  
 Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

No.	Name.	Acres.	Sec.
1.	M. W. Richardson	20	16





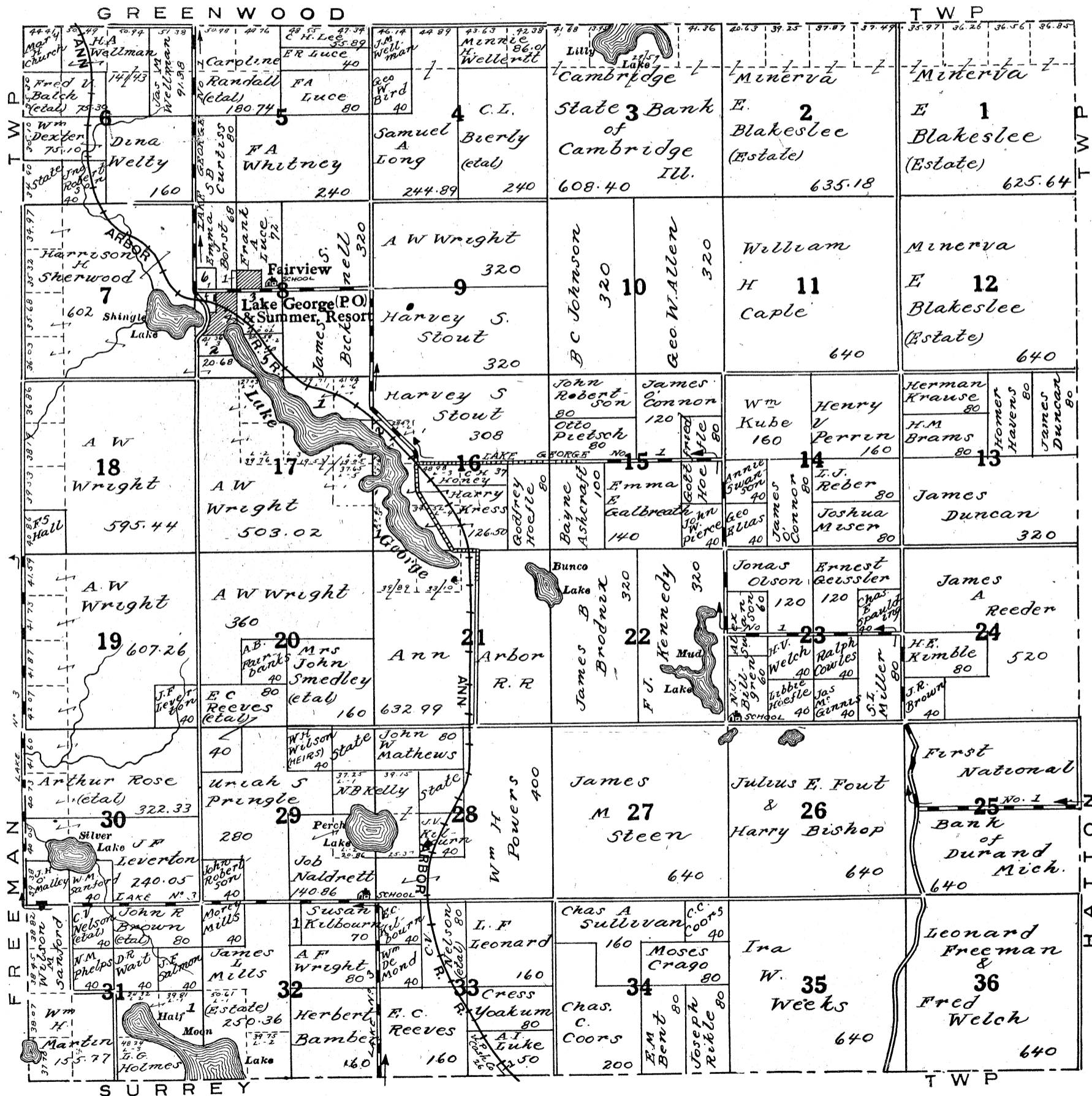
# MAP OF LINCOLN TOWNSHIP

CLARE COUNTY, MICHIGAN

Township 18 North, Range 5 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:   
 State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:   
 Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

No.	Name	Acres.	Sec.	No.	Name	Acres.	Sec.	No.	Name	Acres.	Sec.
1.	Edwin Duvall	2	8	4.	H. B. Ray	2	8	1.	Cashius Moshier	27.45	16
2.	Geo. M. Bierly	8	8	5.	Otto Gaedke	20.58	8	2.	A. W. Wright	7.76	16
3.	James Duncan	38.02	8	6.	Ann Arbor R. R.	20	8	1.	Toledo Ice & Coal Co.	71.65	17
								1.	Albert Sherman	64.13	31
									Flora G. Thomas	10	32
									Ann Arbor R. R.	4	33

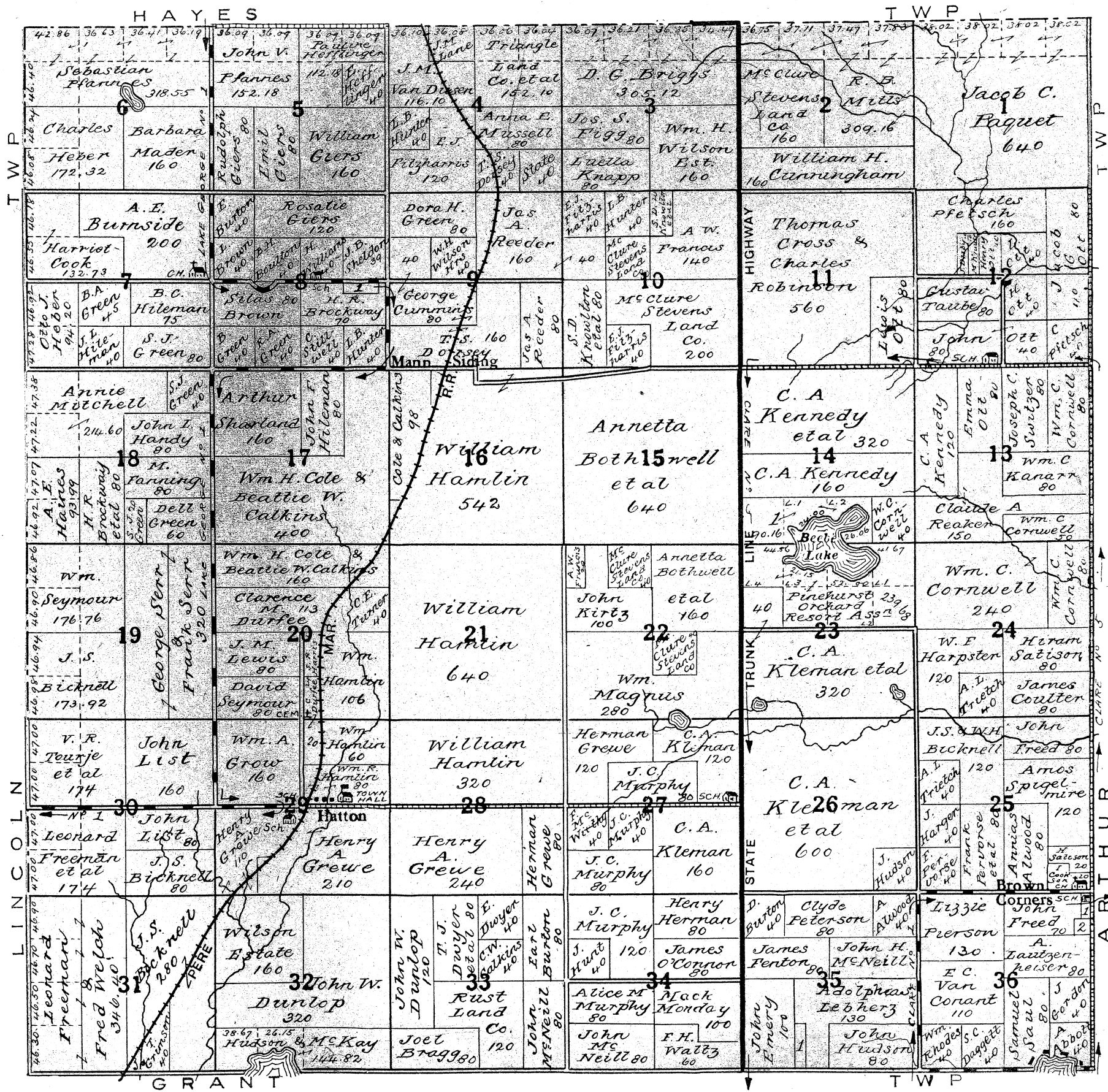


# MAP OF HATTON TOWNSHIP

CLARE COUNTY, MICHIGAN  
Township 18 North, Range 4 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:   
 State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:   
 Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

No.	Name.	Acres.	Sec.	No.	Name.	Acres.	Sec.	No.	Name.	Acres.	Sec.
1.	Eliza Pitcher	10	8	1.	Association	90.16	14	1.	C. J. Maurer	4.16	36
1.	Pinehurst Resort Orchard			1.	Manley Nixon	10	35	2.	Wm. Lower Est.	5	36





# MAP OF ARTHUR TOWNSHIP

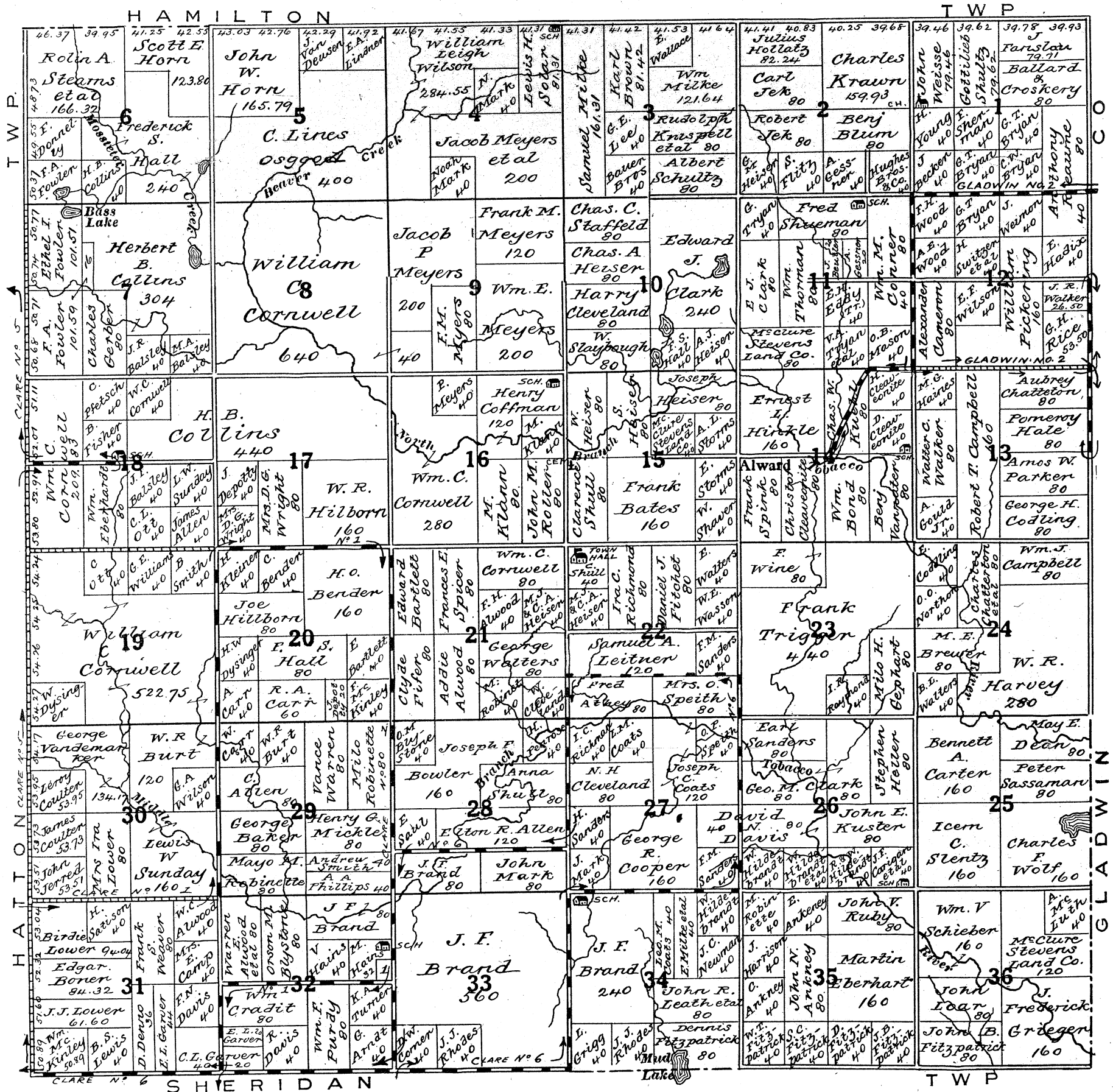
CLARE COUNTY, MICHIGAN  
Township 18 North, Range 3 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:

State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:

Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

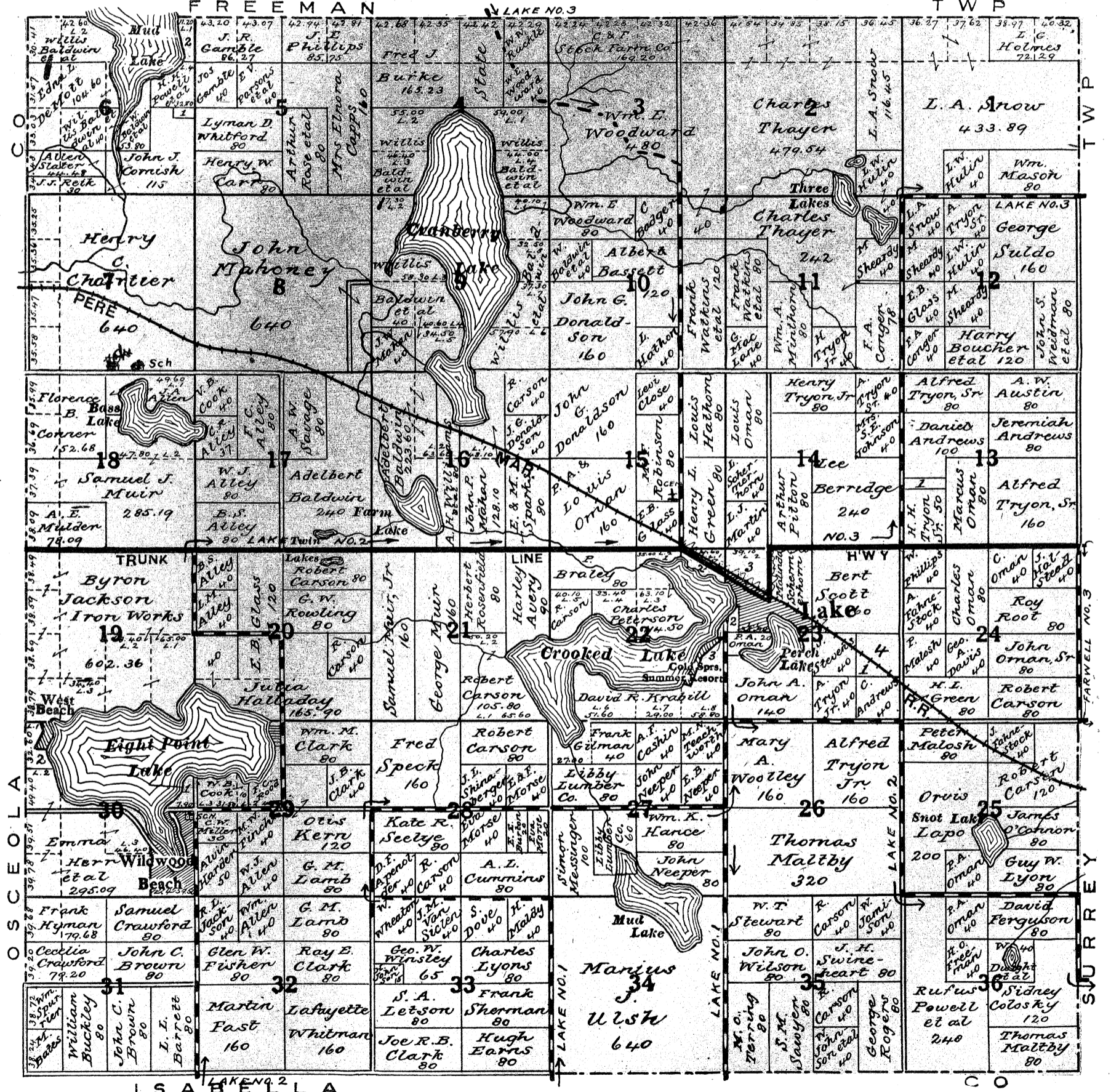
No.	Name.	Acres.	Sec.
1.	Frank Acre	.....	7 32



**MAP OF**  
**GARFIELD**  
**TOWNSHIP**  
CLARE COUNTY, MICHIGAN  
Township 17 North, Range 6 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:   
 State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:   
 Where Rural Routes run over State Roads, the same are denoted by arrows thus:



List of Small Property Owners in this Township Shown on Map by Numbers.

No.	Name.	Acres.	Sec.	No.	Name.	Acres.	Sec.	No.	Name.	Acres.	Sec.	No.	Name.	Acres.	Sec.
1.	F. A. & I. M. Comiskey.....	5	6	1.	Loren Schermerhorn .....	17	22	1.	Cyrus Davis .....	6	23	4.	Archie Fahnestock .....	32	23
2.	Willis Baldwin .....	11.20	6	2.	E. F. Saunders .....	21.60	22	2.	Theelapula Club .....	5.90	23	1.	Herman Rosentrader, Lot 5 ..	7.90	30
1.	Sarah Andrews .....	10	13	3.	Midland Outing Club.....		22	3.	Mrs. Schermerhorn .....	39.10	23	2.	Frank C. Rood, Lot 1.....		30



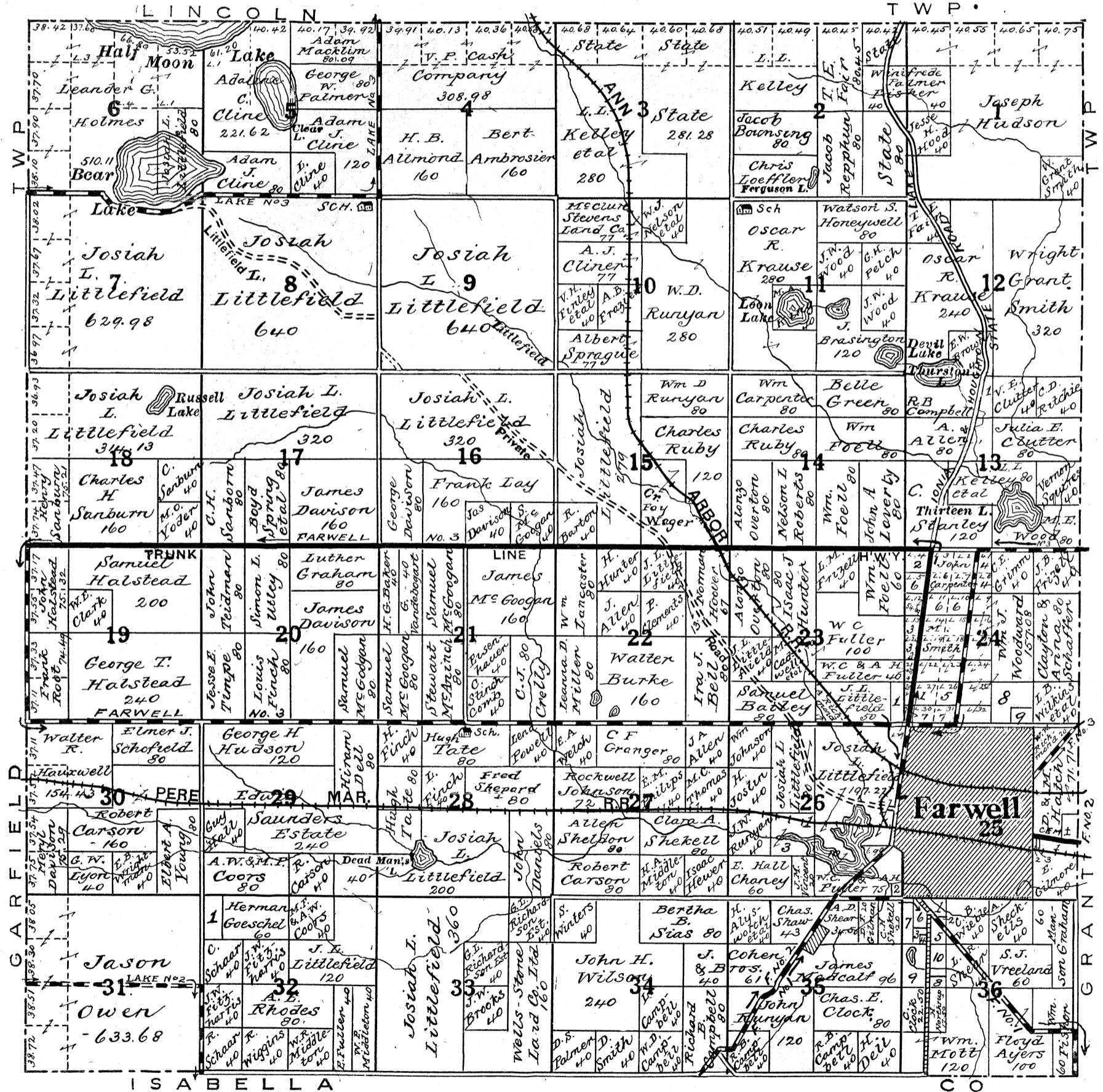


# MAP OF SURREY TOWNSHIP

CLARE COUNTY, MICHIGAN  
Township 17 North, Range 5 West of the Michigan Meridian.

Scale: 1 1/2 inches to 1 mile.

State Reward Roads Shown thus: Rural Routes Shown thus: Schools Shown thus:   
 State Trunk Line Highways Shown thus: Churches Shown thus: Cemeteries Shown thus:   
 Where Rural Routes run over State Roads, the same are denoted by arrows thus:



**List of Small Property Owners in this Township Shown on Map by Numbers.**

No.	Name	Acres.	Sec.	No.	Name	Acres.	Sec.	No.	Name	Acres.	Sec.
1.	Arthur I. Luke	12	4	6.	Albert Gardiner	31.44	24	1.	W. C. & Alice H. Fuller	10	26
1.	V. E. Clutter	13	7	7.	A. M. Rogers	24	24	2.	John Ward	3.50	26
1.	Mrs. F. Babcock	10	23	8.	E. H. Smith & L. L. Kelley	32	24	3.	L. & A. H. Fuller	30	26
1.	Wm. Johnson	10.96	24	9.	Ed. McKenna	8	24	1.	C. W. Fitzharris	20	32
2.	Albert N. Gardiner	24	24	1.	Thomas McGuire	4.87	25	1.	Mrs. I. Brooks	8	36
3.	J. L. Littlefield	15.85	24	2.	Olive Gallup	4.88	25	2.	Mrs. Lucinda Sheldon	2	36
4.	E. Butterfield	15.25	24	3.	John W. Moore	.50	25	3.	Paul Jockwig	3	36
5.	A. McLeod	10.96	24					4.	E. B. Welch	7.58	36
								5.	D. R. Wait	6.55	36
								6.	Joseph Sanderson	10	36
								7.	W. S. Goltry	2.50	36
								8.	Kelly & Henry	22	36
								9.	Frank Medcalf	15.50	36
								10.	Mrs. Frizzell	15.50	36







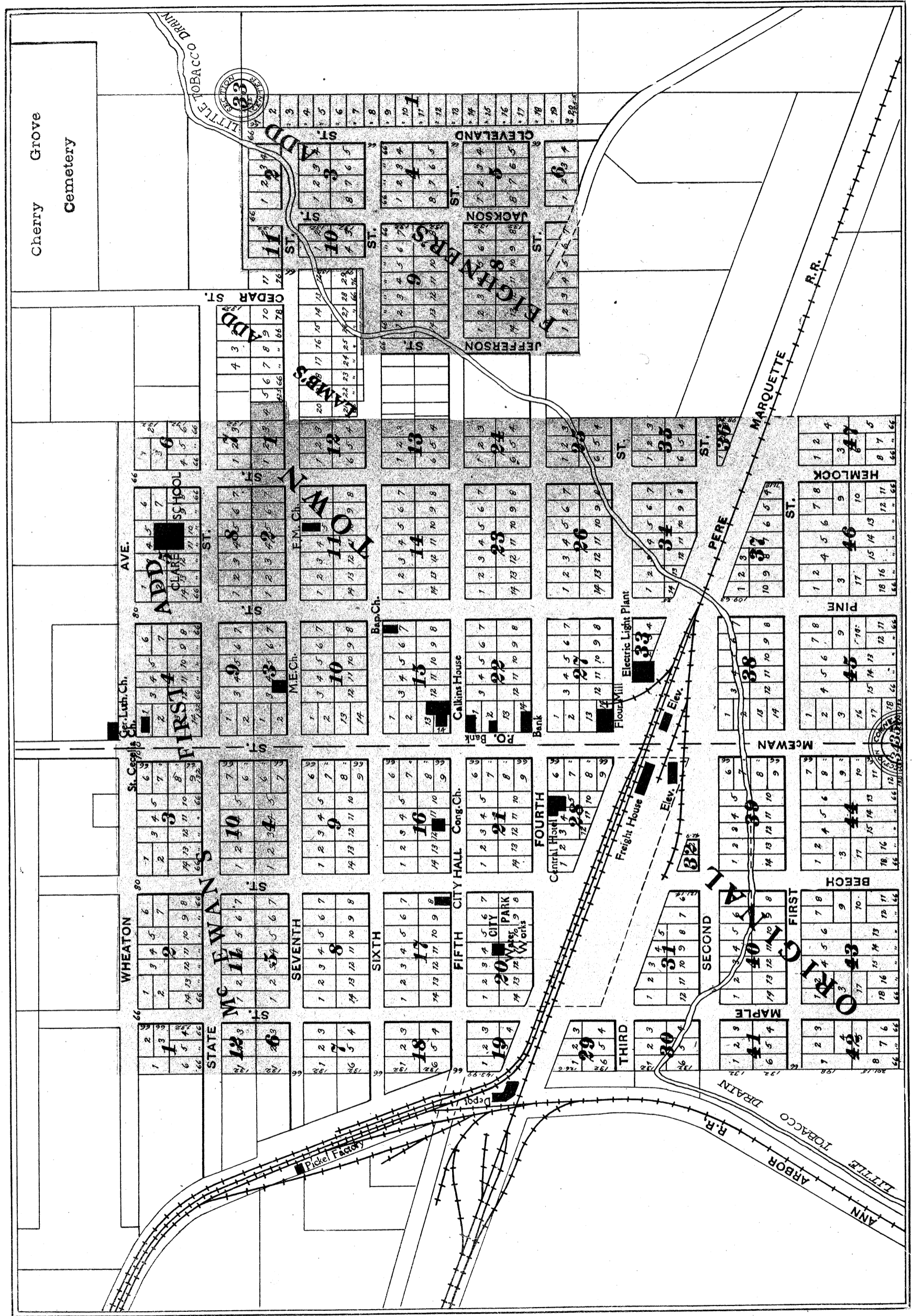






CLARE, Grant Township

Scale 400 Feet to 1 Inch

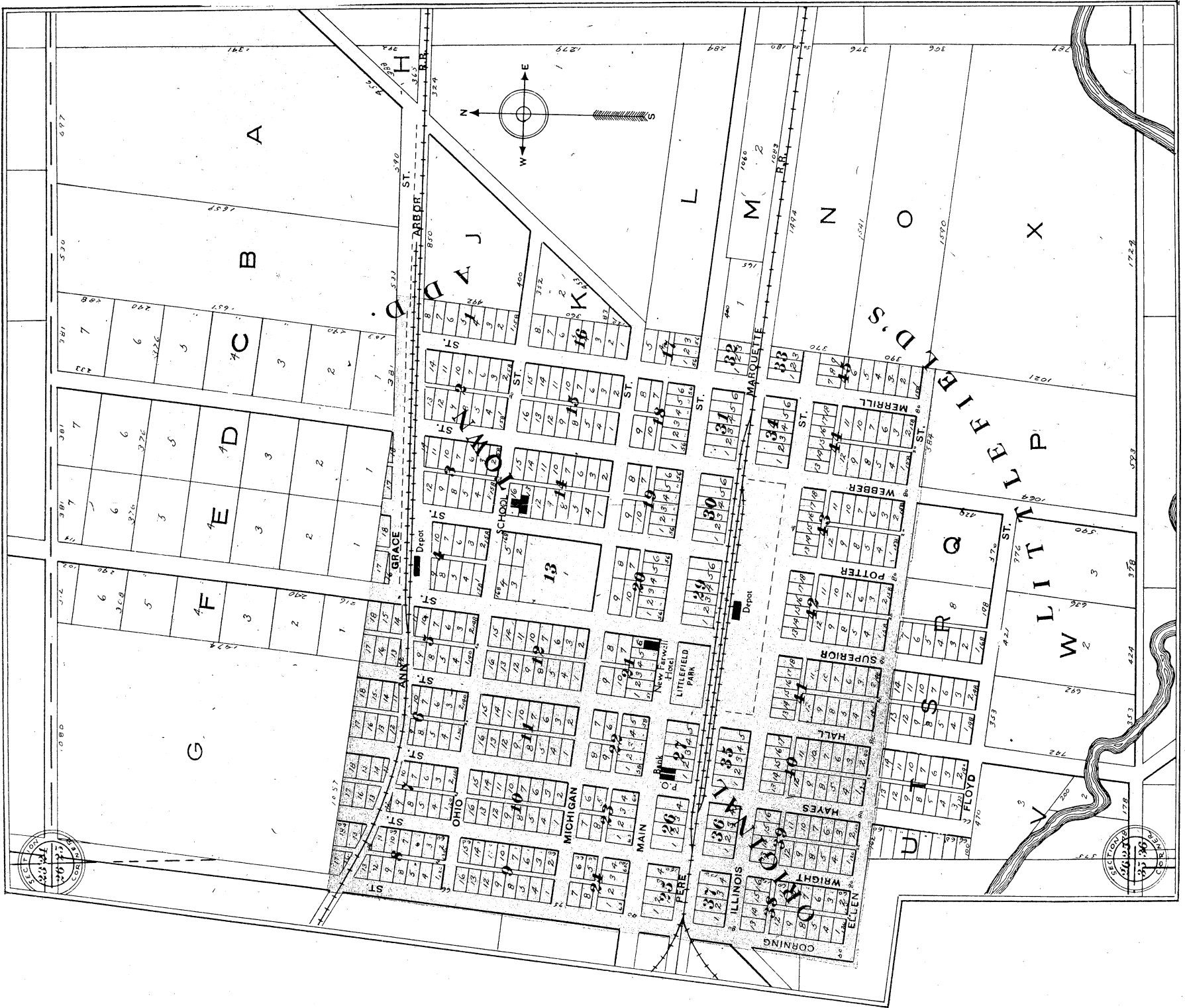






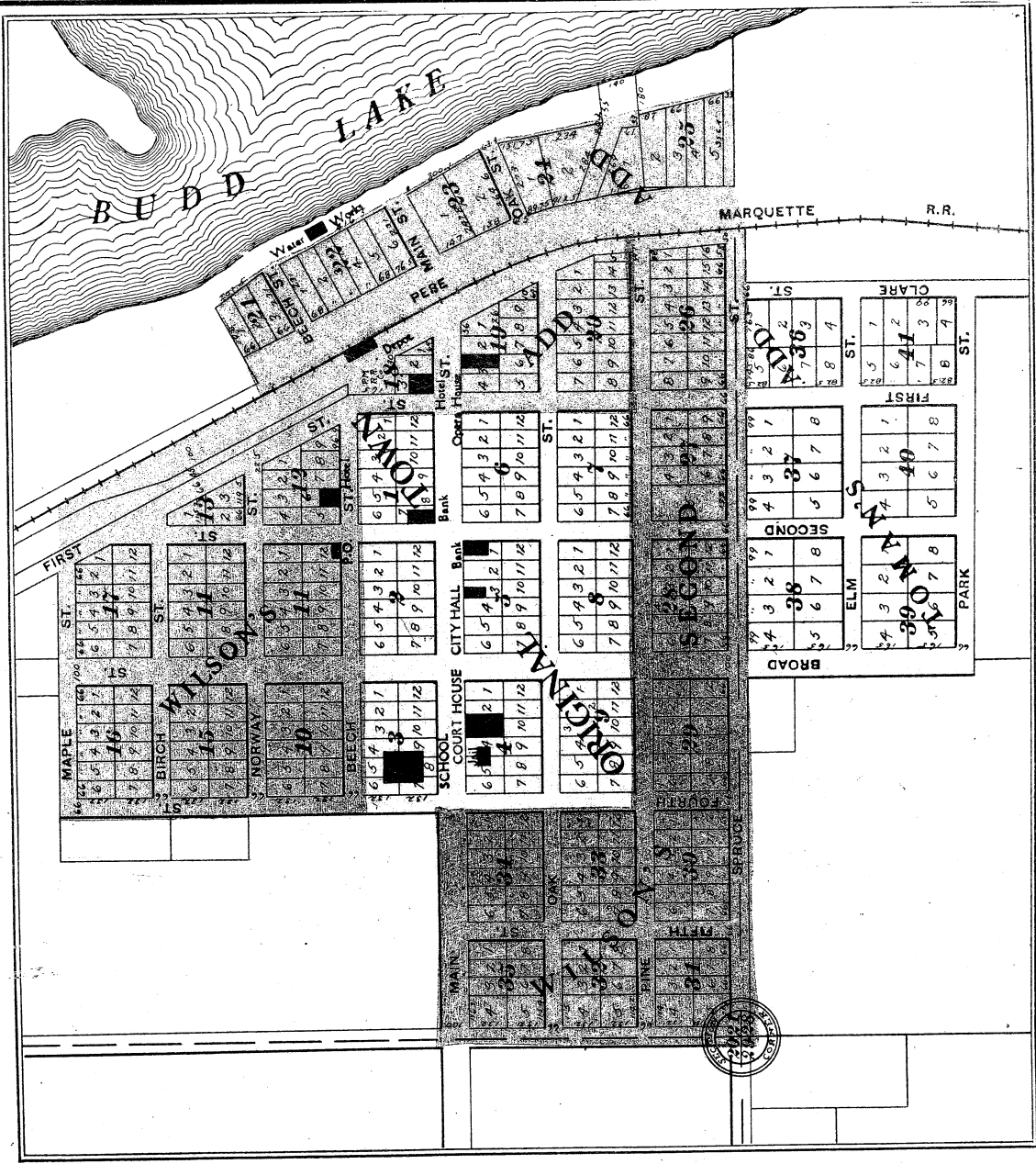
# FARWELL, Surrey Township

Scale: 600 Feet to 1 Inch



# HARRISON, Hayes Township County Seat of Clare County, Mich.

Scale: 620 Feet to 1 Inch







INDEX OF MICHIGAN WITH LATEST CENSUS, AND SHIPPING AND POSTAL GUIDE

EXPLANATION OF INDEX.

Key numbers are in parentheses, thus (D6). County seats in capitals, thus ADRIAN. Money Orders Postoffices are shown thus \*. Railroads and express offices shown by italic figures, thus 10, 34. Telegraph offices are shown thus ⊙. Electric Interurban service indicated thus ⊕. The letter and numeral in parentheses directly following the name of the town correspond to the letters and numerals on the margin of the map. To locate a given town trace a line between the given letter on opposite sides of the map and one between the given numeral on opposite sides of the map and at or very near the junction of these lines will be found the town desired.

Italic figures following the key numbers indicate the railroad or railroads upon which the town is situated and also the express company going into the town.

KEY TO MICHIGAN RAILROADS AND EXPRESS COMPANIES OPERATING OVER EACH.

- Ann Arbor.—Wells, Fargo & Co.
Arcadia & Betsy River.—American Express Co.
Au Sable & North Western.—Local Express.
Boyer City, Gaylord & Alpena.—Adams Express Co.
Blaney & Southern.
Chicago, Kalamazoo & Saginaw.—American Express Co.
Chicago, Milwaukee & St. Paul.—Wells, Fargo & Co.
Chicago & North Western.—American Express Co.
Canadian Pacific.—Western Express Co.
Cincinnati Northern.—American Express Co.
Cleveland, Cincinnati, Chicago & St. Louis.—American Express Co.
Copper Range.—Wells, Fargo & Co.
Delray Connecting.—American Express Co.
Detroit, Bay City & Western.—American Express Co.
Detroit Toledo & Ironton.—American Express Co.
Detroit & Charlevoix.—American Express Co.
Detroit & Mackinac.—American Express Co.
Detroit & Toledo Shore Line.—American Express Co.
Duluth, South Shore & Atlantic.—Western Express Co.
East Jordan & Southern.—American Express Co.
Erie & Michigan.—American Express Co.
Escanaba & Lake Superior.—Wells, Fargo & Co.
Grand Rapids & Indiana.—Adams Express Co.
Grand Trunk Railway System.—National Express Co.
Harbor Springs.
Kalamazoo, Lake Shore & Chicago.—American Express Co.
Keweenaw Central.—Wells, Fargo & Co.
Lake Shore & Michigan Southern.—American & United States Express Co.'s.
Lake Superior & Ishpeming.—American Express Co.
Ludington & Northern.
Manistee & Grand Rapids.—Adams Express Co.
Manistee & Luther.
Manistee & Northeastern.—American Express Co.
Manistique & Lake Superior.—United States Express Co.
Michigan Central.—American Express Co.
Mineral Range.—Western Express Co.
Minneapolis, St. Paul & Sault Ste. Marie.—Western Express Co.
Munising, Marquette & Southeastern.—American Express Co.
Ontonagon.
Pere Marquette.—United Express Co.
Pontiac, Oxford & Northern.—National Express Co.
Port Huron Southern.
Rapids.—United States Express Co.
Wabash.—Wells, Fargo & Co., Express.
Wisconsin & Michigan.—American Express Co.

Table listing Michigan towns, their keys, railroad abbreviations, and populations. Columns include Town Key, R. R., Pop., and Town Key, R. R., Pop. for multiple towns per row.

Table listing Michigan towns, their keys, railroad abbreviations, and populations. Columns include Town Key, R. R., Pop., and Town Key, R. R., Pop. for multiple towns per row.



# MAP OF MICHIGAN

With Population and Location of Principal Towns and Cities according to latest reliable statistics.

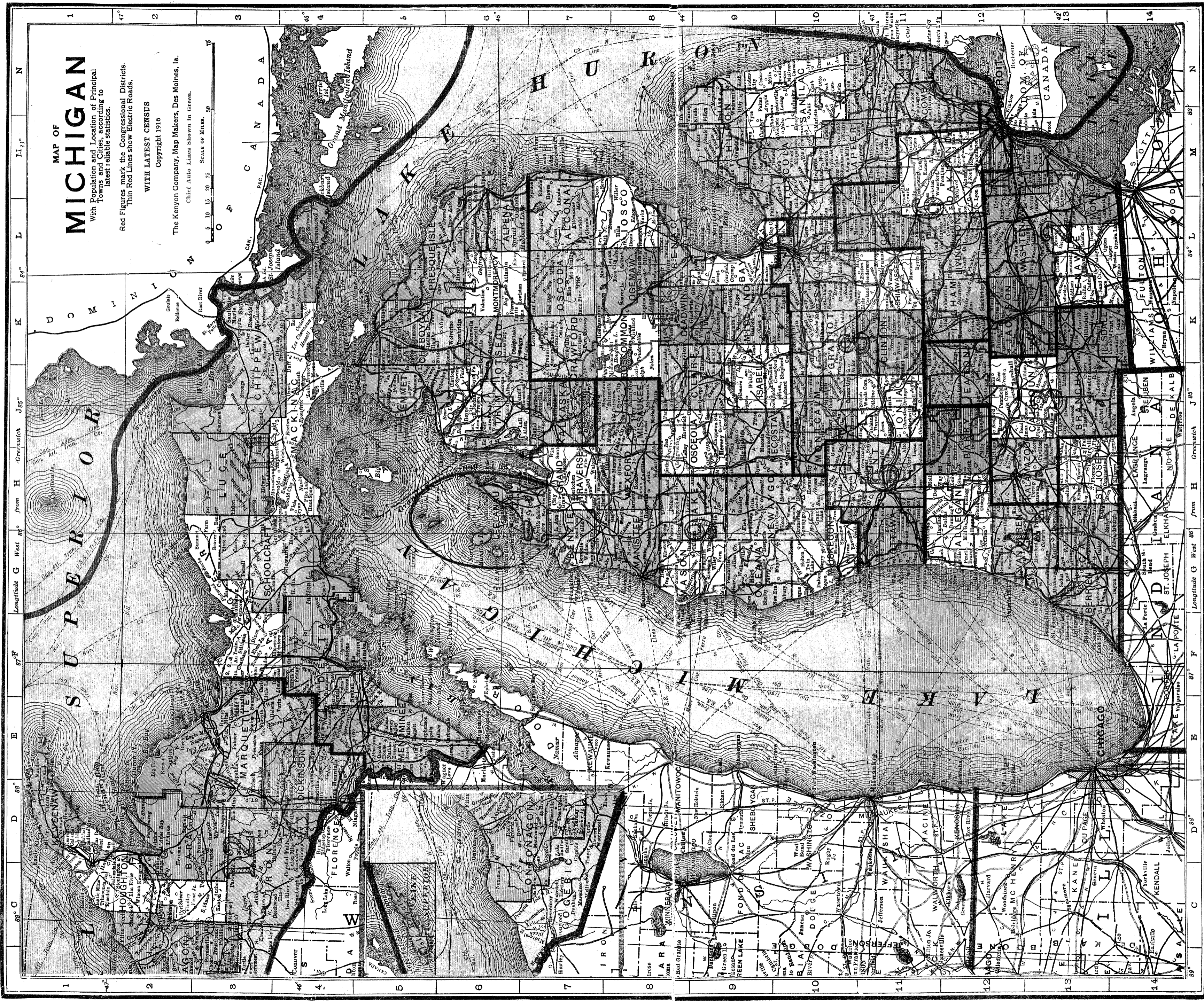
Red Figures mark the Congressional Districts. Thin Red Lines show Electric Roads.

WITH LATEST CENSUS  
Copyright 1916

The Kenyon Company, Map Makers, Des Moines, Ia.  
Chief Atlas Lines Shown in Green.

SCALE OF MILES.

0 5 10 15 20 25 30 35 40 45 50



## COUNTIES

Alcona (L7)	5708	Delta (F4)	152145	Oakland (M1)	49576
Alcona (L7)	7675	Dickinson (E4)	20108	Lapeer (M1)	8007
Alcona (L7)	9839	Emmet (M1)	29524	Leelanau (H3)	9650
Alcona (L7)	15622	Genesee (L11)	64555	Livingston (L12)	17326
Alcona (L7)	9440	Grand Haven (K3)	4004	Lapeer (M1)	8007
Alcona (L7)	9223	Grand Rapids (K13)	29838	Leelanau (H3)	9650
Alcona (L7)	6838	Hillsdale (K13)	20773	Livingston (L12)	17326
Alcona (L7)	9205	Houghton (G7)	25255	Macatawa (G4)	4391
Alcona (L7)	9205	Isabella (K12)	25255	Manistee (M1)	8299
Alcona (L7)	9205	Ionia (J11)	25255	Marquette (E8)	5234
Alcona (L7)	9205	Jackson (K13)	3755	Menominee (E5)	38246
Alcona (L7)	9205	Jackson (K13)	3755	Midland (K9)	32246
Alcona (L7)	9205	Jackson (K13)	3755	Missaukee (G5)	4271
Alcona (L7)	9205	Jackson (K13)	3755	Montcalm (J10)	4271
Alcona (L7)	9205	Jackson (K13)	3755	Montmorency (L16)	4271
Alcona (L7)	9205	Jackson (K13)	3755	North Branch (K12)	4271
Alcona (L7)	9205	Jackson (K13)	3755	Oshtemo (G4)	4271
Alcona (L7)	9205	Jackson (K13)	3755	Shiawassee (G4)	4271
Alcona (L7)	9205	Jackson (K13)	3755	St. Ignace (M1)	4271
Alcona (L7)	9205	Jackson (K13)	3755	Washtenaw (G4)	4271
Alcona (L7)	9205	Jackson (K13)	3755	Wayne (M12)	4271
Alcona (L7)	9205	Jackson (K13)	3755	Westland (H8)	4271
Alcona (L7)	9205	Jackson (K13)	3755	Westland (H8)	4271

## AUTO ROUTES FOR MICHIGAN.

Menominee to Green Bay, Wis., via Oconto, 59 m.
Menominee to Marquette, via Escanaba, 182 m.
Menominee to Iron Mountain, via Powers, 71 m.
Iron Mountain to Ishpeming, via Granite Bluff, 63 m.
Iron Mountain to Marquette, via Ishpeming, 83 m.
Marquette to Munising, via Prominent Fork, 55 m.
Escanaba to Munising, via Three Rivers, Mich., 118 m.
South Branch to Grand Rapids, Mich., via Kalamazoo, 118 m.
South Branch to Grand Rapids, Mich., via Grand Haven, 143 m.
Fort Wayne, Ind., to Kalamazoo, Mich., via La Grange, Ind., 99 m.
Detroit to South Bend, Ind., via Jackson and Kalamazoo, 299 m.

## DETROIT TO SOUTH BEND, IND., VIA COLT WATER, 192 M.

Detroit to Toledo, O., via Fremont, 99 m.
Detroit to Toledo, O., via Ypsilanti, 77 m.
Detroit to Fort Wayne, via Tecumseh and Adrian, 174 m.
Detroit to Grand Rapids, Mich., via Lansing, 149 m.
Detroit to Gay Chat, Mich., via Flint, 109 m.
Detroit to Port Huron, via Oshtemo, 83 m.
Flint to Port Huron, via Inlay City, 75 m.
Lansing to Battle Creek, via Charlotte, 48 m.
Lansing to Toledo, O., via Jackson, 108 m.
Detroit to London, Ont., via Elyria, 143 m.
London, Ont., to Port Huron, Mich., via Adelaida, 84 m.
Grand Rapids to Traverse City, via Muskegon, 206 m.

Grand Rapids to Traverse City, via Cadillac, 163 m.
Grand Rapids to Holland, via Grandville, 31 m.
Grand Rapids to Grand Haven, via Allega, 32 m.
St. Joseph to Chicago, Ill., via Galien, 116 m.
St. Joseph to Michigan City, Ind., via New Buffalo, 41 m.
St. Joseph to Kalamazoo, via Paw Paws, 62 m.
St. Joseph to Elkhart, Ind., via Three Rivers, 57 m.
Paw Paws to South Haven, via Bangor, 29 m.
Traverse City to Petoskey, via Charlevoix, 70 m.
Petoskey to Mackinaw, via Levering, 40 m.
St. Ignace to The Soo, via Pickford, 63 m.
Flint to Lansing, via Owosso, 67 m.
London, Ont., to Port Huron, Mich., via Adalaide, Kalamazoo to South Haven, via Bangor, 29 m.





INDEX OF ALL THE CHIEF TOWNS AND CITIES OF OVER 2,000 IN THE UNITED STATES

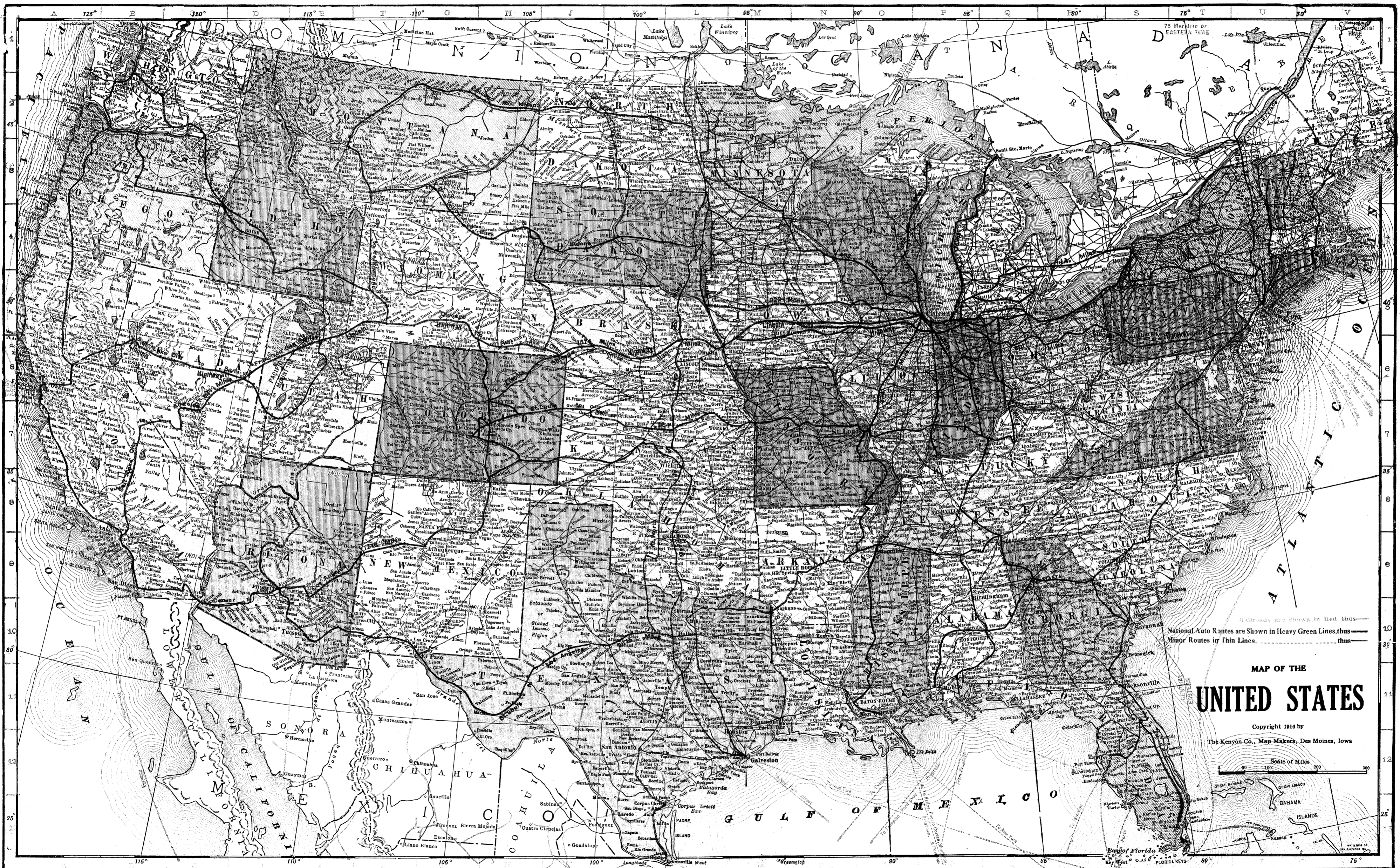
ALABAMA				DELAWARE				DISTRICT OF COLUMBIA				FLORIDA				LOUISIANA				MISSOURI				MINNESOTA							
Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.	Town.	Pop.		
Alabama City*	4318	Orange	2920	Delaware	3720	Washington	358679	Alachua	3065	Abbeville	2907	Albany	10080	Abbeville	2907	Albany	10080	Abbeville	2907	Albany	10080	Abbeville	2907	Albany	10080	Abbeville	2907	Albany	10080	Abbeville	2907



PARCEL POST SCALE (SEE EXPLANATION AT FOOT OF MAP)

ZONES	1st. & 2nd.		3rd.		4th. Zone		5th. Zone		6th. Zone		7th. Zone		8th. Zone	
1st. LB.	6¢	1¢	6¢	2¢	1st. lb. 7¢	4¢	1st. lb. 8¢	6¢	1st. lb. 9¢	8¢	1st. lb. 11¢	10¢	1st. lb. 13¢	12¢
ADD. LBS.	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100
MILES	50	100	150	200	250	300	350	400	450	500	550	600	650	700
STANDARD RULE	1/2 IN.		1 1/2 IN.		2 1/2 IN.		4 1/2 IN.		7 1/2 IN.		10 1/2 IN.		13 1/2 IN.	

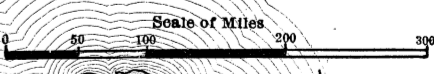
8th. Zone  
2¢ for each lb.  
BEYOND 20 LBS. Limit  
N.B. EVERY POINT  
BEYOND 20 LBS.  
FALLS IN THIS ZONE  
AND RATE



National Auto Routes are Shown in Heavy Green Lines, thus ———  
Minor Routes in Thin Lines, thus - - - - -

MAP OF THE  
**UNITED STATES**

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The Kenyon Co., Map Makers, Des Moines, Iowa



TO FIND THE RATE FOR A PACKAGE—Measure the distance in a straight line from the town from which package is sent, to the town to which the package goes. Then use the Rate Scale and standard inch rule above to find Zone and Rate.  
EXAMPLE—To find the rate on a 4 lb. package sent from Cleveland, Ohio, to Houston, Texas. By laying a rule on the map you will find the distance is 8 1/2 inches. The scale above shows this number of inches to come within the sixth Zone. For that Zone the first pound cost 9 cents, each additional pound 8-cents; therefore the rate for 4-lbs. is 33 cents.  
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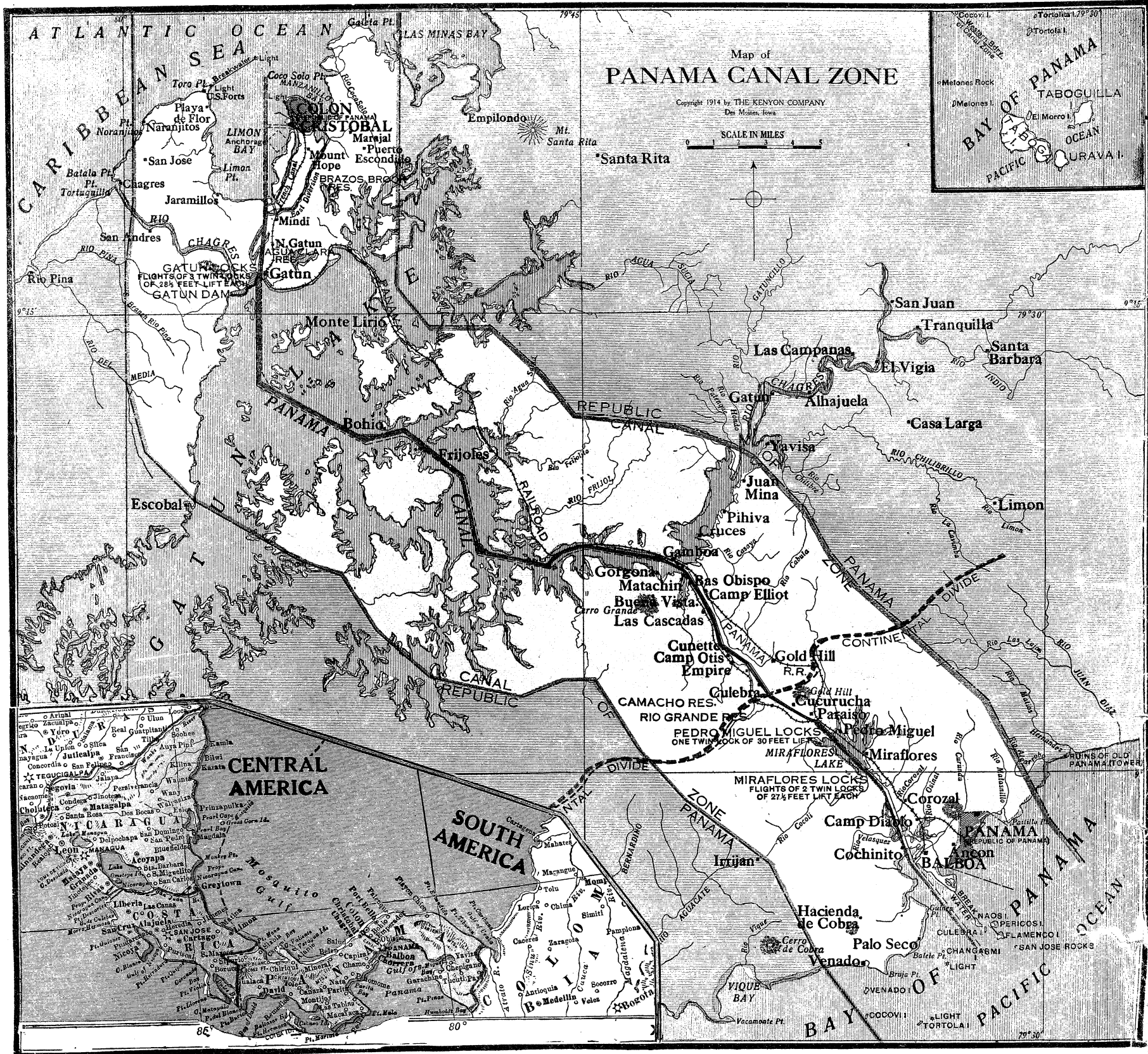
**INTERESTING PANAMA CANAL FACTS**

This canal was first undertaken by a French company in 1878. The company went into bankruptcy after raising over \$250,000,000 to spend on the work. In 1899 Congress appointed an Isthmian Canal Commission to investigate the matter. In 1902 Congress authorized the purchase of all property of the French Panama Canal Company for a sum not to exceed \$40,000,000. This purchase was made. In 1903 Panama revolted from Columbia and became a separate republic. From the Republic of Panama the United States government purchased for \$10,000,000 a strip of land ten miles wide, extending from ocean to ocean. An annual rental of \$250,000 is paid to Panama for this strip of land.

The port cities of Colon and Panama and their harbors are not included in the land grant made the United States. So the port cities of the United States at the canal are Cristobal on the Atlantic and Ancon on the Pacific side.

The canal is forty-two feet deep and varies from width of a lock to 1,000 feet wide. Its length from ocean to ocean is about fifty miles. The proposed fortifications of the canal will cost \$12,500,000. The total estimated cost of the canal is \$400,000,000. As many as 38,000 people have been employed on the work at one time.

Col. George W. Goethals was appointed as the first civil governor for the Panama canal zone, on Jan. 27, 1914.



**DISTANCES SAVED BY PANAMA CANAL**

Nautical Miles

	VIA	Distances	2,000	4,000	6,000	8,000	10,000	12,000	14,000 Miles	
<b>New York to San Francisco</b>	Magellan	13,090	[Bar chart showing 13,090 nautical miles]							7,791 Distance Saved
	Panama	5,299	[Bar chart showing 5,299 nautical miles]							
" Honolulu, H. I.	Magellan	13,269	[Bar chart showing 13,269 nautical miles]							6,582 " "
	Panama	6,687	[Bar chart showing 6,687 nautical miles]							
" Manila, P. I.	Suez	11,644	[Bar chart showing 11,644 nautical miles]							265 " "
	Panama	11,379	[Bar chart showing 11,379 nautical miles]							
" Sydney, N. S. W.	Magellan	12,548	[Bar chart showing 12,548 nautical miles]							2,734 " "
	Panama	9,814	[Bar chart showing 9,814 nautical miles]							
" Yokohama, Japan	Suez	13,040	[Bar chart showing 13,040 nautical miles]							3,205 " "
	Panama	9,835	[Bar chart showing 9,835 nautical miles]							
<b>New Orleans to San Francisco</b>	Magellan	13,473	[Bar chart showing 13,473 nautical miles]							8,775 Distance Saved
	Panama	4,698	[Bar chart showing 4,698 nautical miles]							
" Honolulu, H. I.	Magellan	13,653	[Bar chart showing 13,653 nautical miles]							7,568 " "
	Panama	6,085	[Bar chart showing 6,085 nautical miles]							
" Manila, P. I.	Suez	12,966	[Bar chart showing 12,966 nautical miles]							2,188 " "
	Panama	10,778	[Bar chart showing 10,778 nautical miles]							
" Sydney, N. S. W.	Magellan	12,932	[Bar chart showing 12,932 nautical miles]							3,719 " "
	Panama	9,213	[Bar chart showing 9,213 nautical miles]							
Yokohama, Japan	Suez	14,302	[Bar chart showing 14,302 nautical miles]							5,068 " "
	Panama	9,234	[Bar chart showing 9,234 nautical miles]							
<b>San Francisco</b>	VIA	Distances	2,000	4,000	6,000	8,000	10,000	12,000	14,000 Miles	
	" Santiago de Cuba (Trip of U.S.S. Oregon)	Magellan	12,628	[Bar chart showing 12,628 nautical miles]						
Panama		4,033	[Bar chart showing 4,033 nautical miles]							
" Boston	Magellan	13,060	[Bar chart showing 13,060 nautical miles]							7,601 " "
	Panama	5,459	[Bar chart showing 5,459 nautical miles]							
" Hamburg	Magellan	14,534	[Bar chart showing 14,534 nautical miles]							6,067 " "
	Panama	8,467	[Bar chart showing 8,467 nautical miles]							

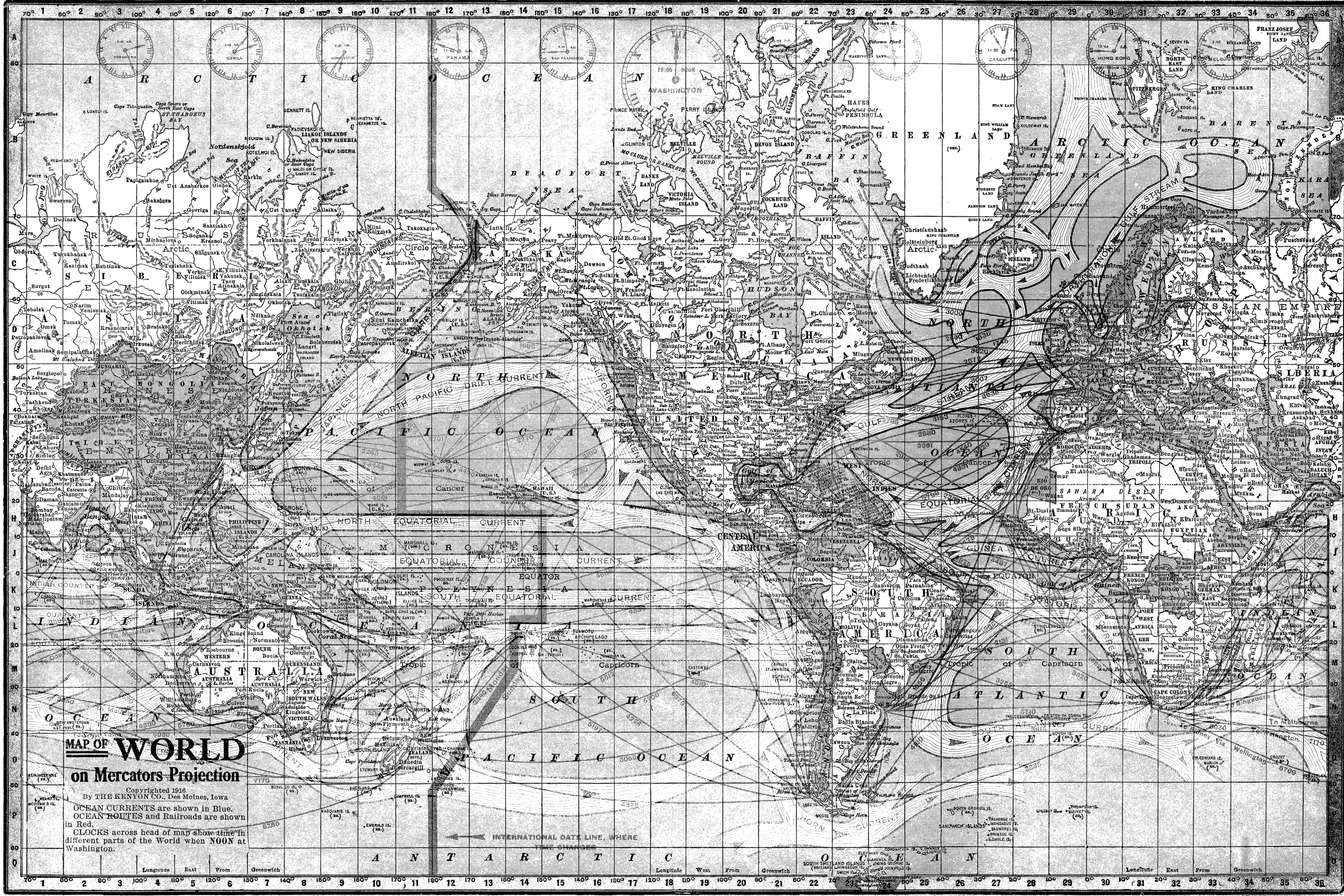


Location with Population of Principal Cities of the World

Pop	City	Key
180000	Adelaide, Australia	N7
195183	Ammadabad, India	G32
335754	Alexandria, Egypt	G32
578985	Amsterdam, Netherlands	D30
305706	Antwerp, Belgium	D30
184949	Baku, Russia	E29
430000	Bangkok, Siam	H4
655000	Barcelona, Spain	E29
364145	Belfast, Ireland	D29
219797	Benares, India	D30
2076695	Berlin, Germany	D30
545706	Birmingham, England	D30
186900	Bombay, India	H1
979445	Bombay, India	H1
270519	Bordeaux, France	E29
301138	Bradford, England	D30
443840	Breslau, Germany	D30
628528	Brussels, Belgium	D30
880271	Budapest, Hungary	D30
1329627	Buenos Aires, Argentina	N24
296074	Bucharest, Roumania	E32
593365	Cairo, Egypt	F-3
1222313	Calcutta, India	G2
945000	Canton, China	G6
224731	Chemnitz, Germany	D30
124700	Chicago, Ill.	E29
1545000	Chingtu, China	G4
634241	Chungking, China	G4
381155	Cologne, Germany	D30
1200000	Constantinople, Turkey	E32
525502	Copenhagen, Denmark	D30
236250	Damascus, Turkey	E32
1329627	Damascus, Turkey	E32
219003	Delhi, India	G1
504690	Dresden, Germany	D31
391828	Dublin, Ireland	D-31
353398	Edinburgh, Scotland	D29
240733	Essen, Germany	D30
215888	Florence, Italy	D30
303422	Frankfort-on-Main, Germany	D30
656250	Fuchau, China	G5
245700	Genoa, Italy	E30
171077	Ghent, Belgium	D30
845000	Glasgow, Scotland	D29
245700	Hague, Netherlands	D30
470400	Haidarabad, India	G1
932166	Hamburg, Germany	D30
185000	Hangchow, China	F5
250125	Hanover, Germany	D30
275200	Havana, Cuba	G21
270900	Hull, England	D29
207275	Irkutsk, Russia	E-33
409000	Kioto, Japan	E6
300000	Kobe, Japan	F6
525000	Lanchau, China	G4
479619	Leeds, England	D-29
47826	Leipzig, Germany	D31
375800	Lisbon, Portugal	D30
766790	Liverpool, England	D30
370150	Loz, Russia	D29
752963	London, England	D30
78250	Lucknow, India	F4
482053	Lyon, France	H2
535800	Madras, India	H2
68282	Madrid, Spain	F29
662744	Manchester, England	D29
193006	Manila, India	G3
515720	Marseilles, France	E30
533872	Melbourne, Australia	N8
157266	Messina, Italy	F31
387215	Mexico, Mexico	F30
150000	Milva, Uruguay	N24
289000	Montevideo, Uruguay	N24
281110	Montreal, Canada	E29
1481200	Moscow, Russia	D33
169000	Mukden, China	E6
524226	Munich, Germany	E31
303070	Nagoya, Japan	G5
315000	Nanchang, China	G5
723208	Naples, Italy	E31
276736	Newcastle, England	D29
4766883	New York, N. Y.	D29
273000	Ningpo, China	E6
265300	Nottingham, England	D30
275100	Nuremberg, Germany	D30
472156	Odesa, Russia	E33
182000	Oporto, Portugal	E29
1226590	Osaka, Japan	F7
122618	Palermo, Italy	F31
288110	Paris, France	E30
1549008	Philadelphia, Pa.	F29
1680000	Pekin, China	E5
246225	Rangoon, India	G3
107600	Riga, Russia	D32
1000000	Rio de Janeiro, Brazil	M25
485922	Rome, Italy	E31
399703	Rotterdam, Netherlands	D30
1907708	St. Petersburg, Russia	C33
351254	Santiago, Chile	N22
157300	Seville, Spain	F29
638550	Shanghai, China	F6
68243	Sheffield, England	D29
825000	Siangtan, China	F-4
918750	Singapore, China	F-4
332862	Stockholm, Sweden	D31
533926	Sydney, Australia	N9
284000	Teheran, Persia	N9
787500	Tientsin, China	H4
187435	Trieste, Australia	E31
1286079	Tokyo, Japan	F8
183225	Tunis, Tunisia	F30
352438	Turin, Italy	E31
2031498	Vienna, Austria	E31
794247	Warsaw, Russia	D32
840000	Wuchang, China	G5
183784	Zurich, Switzerland	D30

Area in Square Miles of Principal Countries of the World

Area	Country
150000	Abyssinia
215400	Afghanistan
11520000	Africa
590884	Alaska
184474	Algeria
845000	Arabia
1319247	Argentina
16550000	Asia & Palestine
251500	Assiniboia
115005	Austria
24042	Austria-Hungary
130000	Belgium
115005	Belgium
92000	Bahama
567340	Bolivia
296700	Borneo
320978	Brazil
42217	British Central Africa
1000000	British India
7562	British Honduras
31106	British North Borneo
68000	British Somaliland
15000	Brunei
4035	Bukovina
33080	Bulgaria
18550	Burma
37400	Cambodia
365539	Canada
2808	Cape Colony
276775	Cape Colony Isles
560	Caroline Isles
71470	Celebes Isl.
181527	Central America
23605	Chad
75	Channel Isles
375	Chatham Isles
290829	China
4218401	Chinese Empire
22000	Cochin China
504773	Columbia
100000	Corsea Isl.
23000	Costa Rica
3326	Crete (Candia)
4400	Cuba
60000	Dahomey
14848	Denmark
100000	Egyptian Sudan
5987	England
3750000	Europe
204032	France
49000	French East Africa
400	Galapagos Isl.
208780	Gibraltar
88396	Great Britain
512000	Greenland
48290	Guatemala
108000	Guiana, British
43000	Guiana, Dutch
30500	Guiana, French
185540	Guiana, The
10000	Hawaii
6449	Hawaiian Islands
46250	Honduras
100000	Honduras, British
405	Honkong Colony
125039	Hungary
156756	Iceland
255900	Indo China
32583	Ireland
1000000	Italian Somaliland
110644	Italy
4200	Jamaica
16245	Japan Empire
50554	Java (and Madag.)
191130	Kamerun
23230	Khiva
900000	Kongo Free State
450000	Kongo, French
82000	Korea
3460	Lagos Colony
52000	Liberia
54000	Luxemburg
227500	Madagascar Island
35500	Malay States
73000	Manitoba
67000	Mexico
3630	Montenegro
219000	Morocco
54000	Nepal
12648	Netherlands
42200	Newfoundland
5300	New Hebrides Isles
310700	New South Wales
104471	New Zealand
42900	Nicaragua
720000	North America
124445	Norway
23550	Nova Scotia
157000	Paraguay
628000	Persia
695733	Peru
114326	Philippine Islands
1406	Porto Rico
30338	Portugal
301000	Portuguese East Africa
7458	Portuguese East Indies
134603	Prussia
68497	Queensland
48307	Roumania
13700	Roumelia, Eastern
654778	Russia in Asia
209516	Russia in Europe
8660394	Russian Empire
471371	Russian Turkestan
1800000	Sahara
7225	Salvador
15045	Santo Domingo
50000	Sarawak
5787	Saxony
29785	Scotland
96000	Senegal
19050	Serbia
300000	Sierra Leone
4823498	Siberia
4000	Sierra Leone Colony
6950000	South America
197670	Spain
950000	Sudan (Egyptian)
300000	Sudan (French)
18112	Sumatra
172876	Sweden
15867	Switzerland
26385	Tasmania
651500	Tibet
33700	Togoland
37	Tonga Islands
46400	Tonkin
119139	Transvaal Colony
388739	Tripoli (and Benghazi)
50840	Tunis
431800	Turkestan, Chinese
471371	Turkestan, Russian
653600	Turkey in Asia
65752	Turkey in Europe
276000	Ungava
120979	United Kingdom
3025600	United States
72210	Uruguay
593943	Venezuela
87884	Victoria
7442	Wales
198300	Yukon
1020	Zanzibar
1045	Zululand



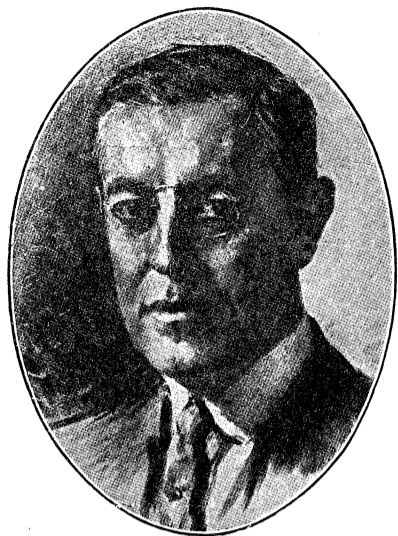
**MAP OF WORLD**  
on Mercators Projection

Copyrighted 1916  
By THE KENYON CO., Des Moines, Iowa  
OCEAN CURRENTS are shown in Blue.  
OCEAN ROUTES and Railroads are shown in Red.  
CLOCKS across head of map show time in different parts of the World when NOON at Washington.

INTERNATIONAL DATE LINE WHERE



# PRINCIPAL RULERS OF THE WORLD



WOODROW WILSON, United States



GEORGE V., Great Britain



RAYMOND POINCARÉ, France



WILLIAM II., Germany



FRANCIS JOSEPH I., Austria



NICHOLAS II., Russia



GUSTAV V., Sweden



HAAKON VII., Norway



CHRISTIAN X., Denmark



MEHMED V., Turkey

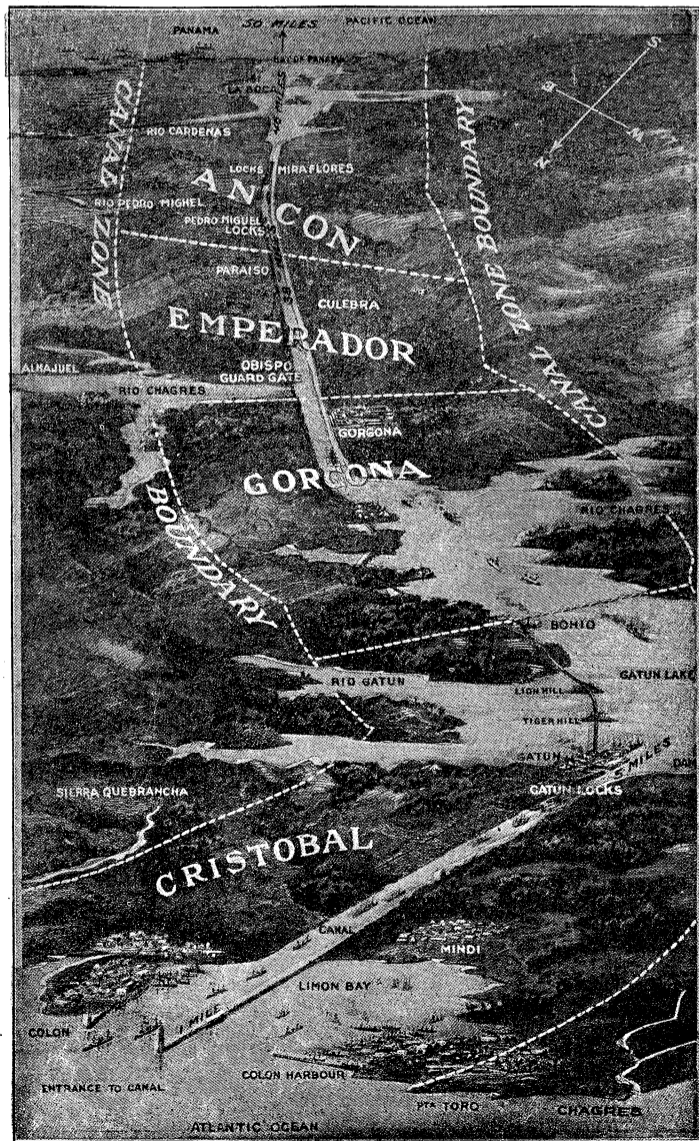


## Presidential Votes and Pluralities for National Elections 1904, 1908 and 1912.

Regular Republican Vote Shown in Red. Democratic Vote Shown in Blue. 1912 Progressive Vote Shown in Purple.

STATE	1904		1908		1912		STATE	1904		1908		1912	
	Vote	Plu.	Vote	Plu.	Vote	Plu.		Vote	Plu.	Vote	Plu.	Vote	Plu.
ALABAMA	11	57393	11	49086	12	59758	NEBRASKA	8	95682	8	4102	8	36933
ARIZONA					5	8293	NEVADA	3	2885	3	437	3	2756
ARKANSAS	9	17574	9	30255	9	44371	NEW HAMPSHIRE	4	20089	4	19494	4	1797
CALIFORNIA	10	115822	10	86908	2		NEW JERSEY	12	80568	12	82759	13	32873
COLORADO	5	84582	5	2944	6	47788	NEW MEXICO					3	2704
CONNECTICUT	7	38180	7	44680	7	6237	NEW YORK	38	175822	39	202602	45	200047
DELAWARE	3	4558	3	2943	3	9631	NORTH CAROLINA	12	41879	12	22058	12	75877
FLORIDA	5	18732	5	20450	6	30537	NORTH DAKOTA	4	38322	4	24795	5	3829
GEORGIA	13	59489	13	30721	14	71198	OHIO	23	355421	23	69591	24	12825
IDAHO	3	29309	3	16459	4	1151	OKLAHOMA			7	11889	10	28370
ILLINOIS	27	305039	27	179134	29	18579	OREGON	4	42934	4	24481	5	9484
INDIANA	15	93944	15	10731	15	119883	PENNSYLVANIA	34	502951	34	297001		
IOWA	13	158768	13	74439	13	23508	RHODE ISLAND	4	18768	4	19236	5	2709
KANSAS	10	128093	10	38007	10	23547	SOUTH CAROLINA	9	50009	9	58325	9	47184
KENTUCKY	13	11593	13	8381	13	104072	SOUTH DAKOTA	4	50113	4	27270		
LOUISIANA	9	42509	9	54910	10	51643	TENNESSEE	12	28284	12	17284	12	70891
MAINE	6	38807	6	31584	6	26201	TEXAS	18	116893	18	151636	20	192677
MARYLAND	7	51	8	605	8	54885	UTAH	3	29031	3	18427	4	5521
MASSACHUSETTS	16	92078	16	110423	18	17460	VERMONT	4	30882	4	28058	4	1200
MICHIGAN	14	227715	14	159809			VIRGINIA	12	34188	12	30373	12	67044
MINNESOTA	11	161454	11	88442			WASHINGTON	5	73442	5	47371		
MISSISSIPPI	10	50112	10	55924	10	53537	WEST VIRGINIA	7	31758	7	26451	8	34089
MISSOURI	18	25137	18	629	18	72926	WISCONSIN	13	155834	13	8115	13	38533
MONTANA	3	13159	3	3007	4	5441	WYOMING	3	11559	3	5928	3	750

NOTE.—In 1904 Maryland cast one Republican and seven Democratic votes. In 1912 California cast 11 Progressive votes and two Democratic votes. The highest Progressive elector received 174 more than the highest Democratic electors. Oklahoma had no Progressive ticket, tho it was generally understood that the Republican electors favored Roosevelt. There were no Republican electors on the official ballot in South Dakota. Copyrighted 1913 by The Kenyon Co., Des Moines, Ia.



BIRDSEYE VIEW OF THE PANAMA CANAL















