

# **The Public Land Surveys in Minneapolis and St Paul**

**A Surveying Potboiler**

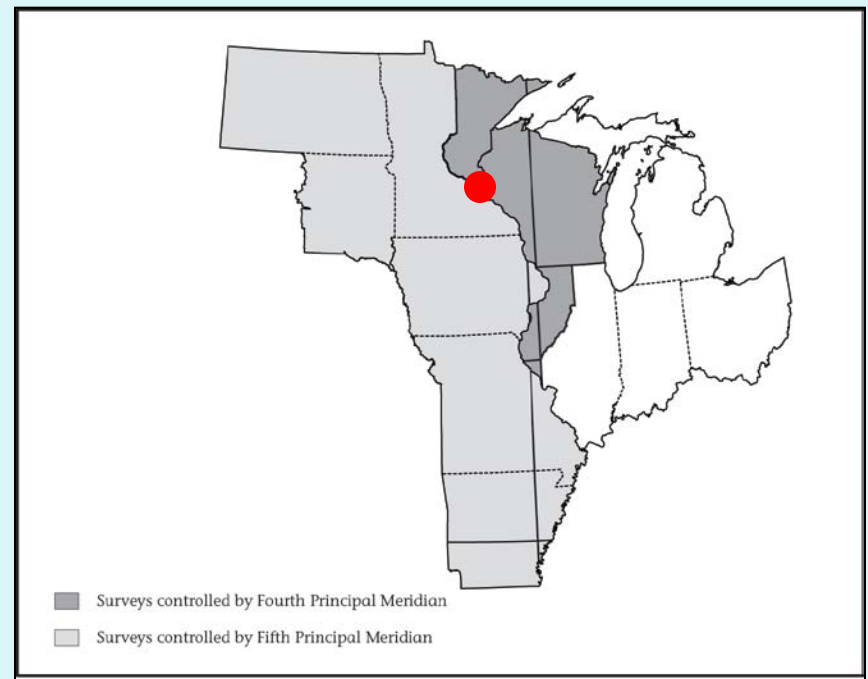
# A Surveying Potboiler

(Imagine seductive soap opera music)

Land ceded in three different treaties

Land surveyed under two sets of general instructions – townships even

Land surveyed using the 4<sup>th</sup> Principal Meridian but west of the Mississippi

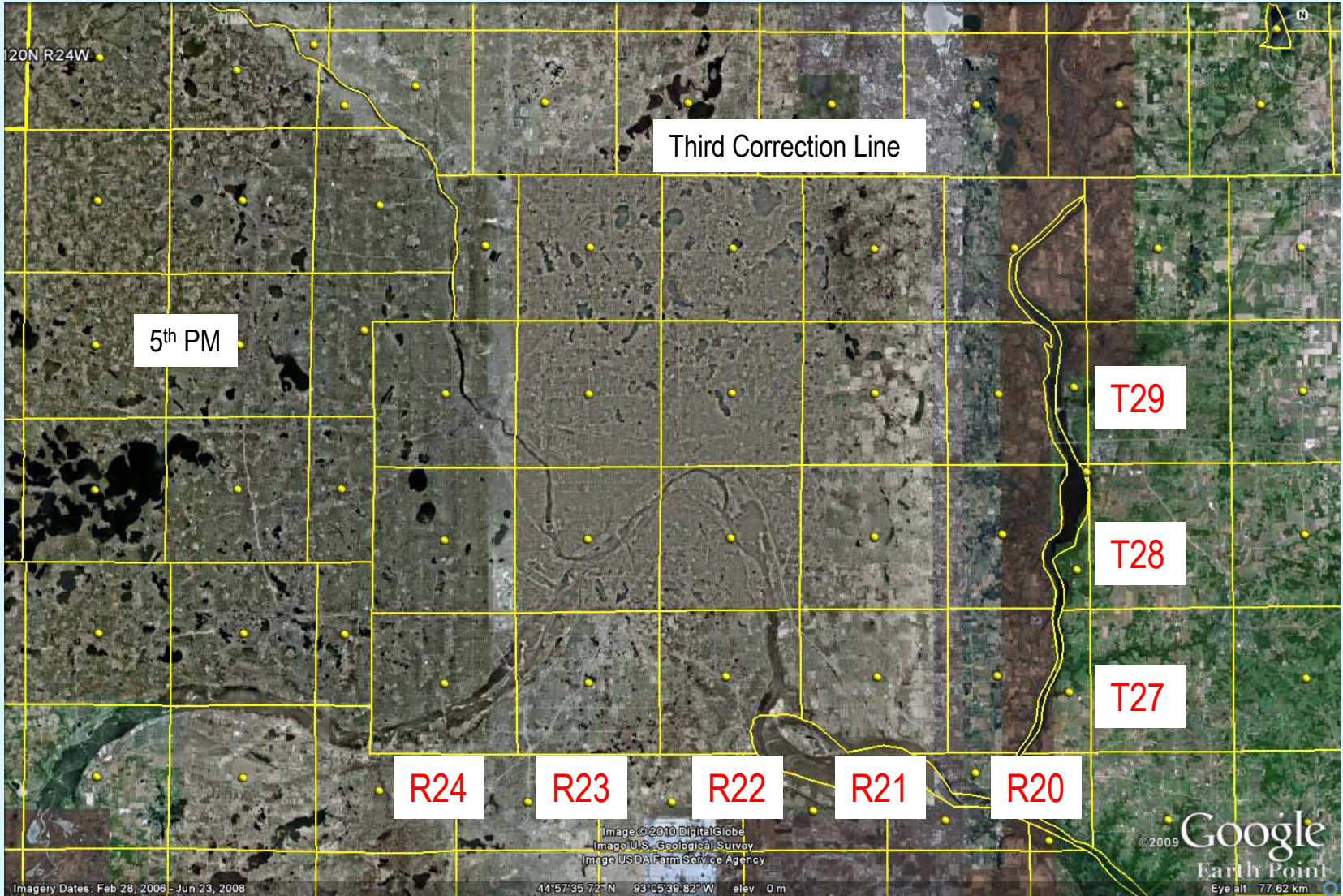


# A Surveying Potboiler

A military reservation without definite boundaries for three decades

- A reservation that was reduced in area, paradoxically before the actual area of the reservation was defined - unnecessary boundary survey
- A reservation on which non-military personnel were allowed to settle and who, when removed, cheekily asked for compensation and the right to preempt the land they occupied

Lost or Obliterated instructions and field notes = None



## Periods of Interest

### A. 1805 – 1823 – 1839

- Pike's so-called treaty
- Fort Snelling finished
- The first map of the military reservation – land east and west of the Mississippi

### B. 1840 – 1848 – 1852

- The first surveys east of the Mississippi River
- Federal legislation confining the reservation to land west of the Mississippi

## Periods of Interest

### C. 1853 – 1854 – 1857

- The surveys of the military reservation boundaries
- The surveys of township exteriors and subdivision
- Sale of land formerly included in military reservation east of the Mississippi
- Seth Eastman survey of reduced military reservation

### D. >1857

- Sale of reduced reservation

## Treaty of September 23, 1805 (Pike's Treaty)

“That the Sioux Nation grants unto the United States for the purpose of the establishment of military posts, nine miles square at the mouth of the river St. Croix, also from below the confluence of the Mississippi and St. Peters, up the Mississippi, to include the falls of St. Anthony, extending nine miles on each side of the river

That the Sioux Nation grants to the United States, the full sovereignty and power over said districts forever, without any let or hindrance whatsoever

The United States promise on their part to permit the Sioux to pass, repass, hunt or make other uses of the said districts, as they have formerly done, without any other exception”

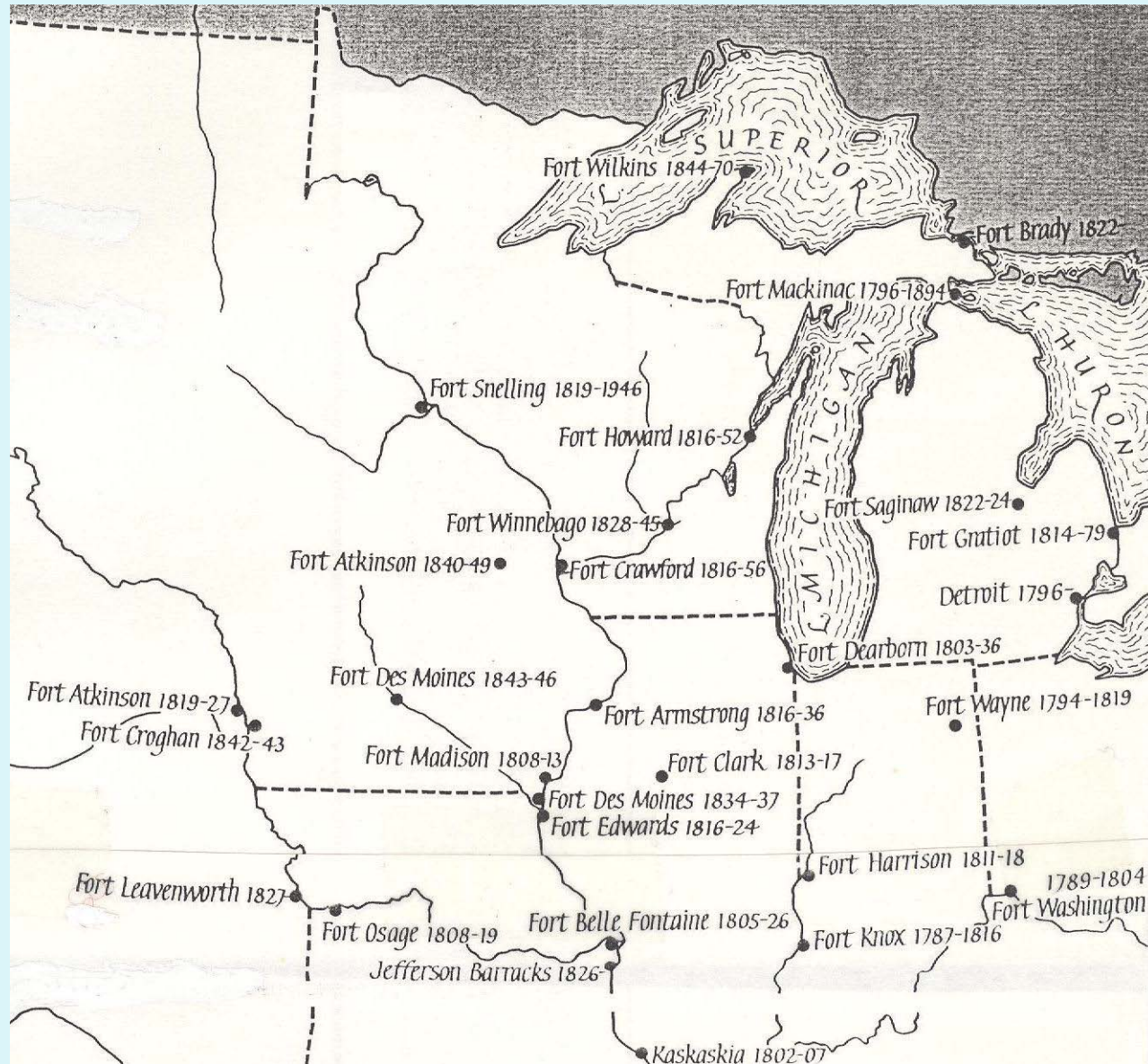
Modern interpretation – what did the Sioux understand by that language?



MINNESOTA 1  
SCALE 35 MILES TO 1 INCH

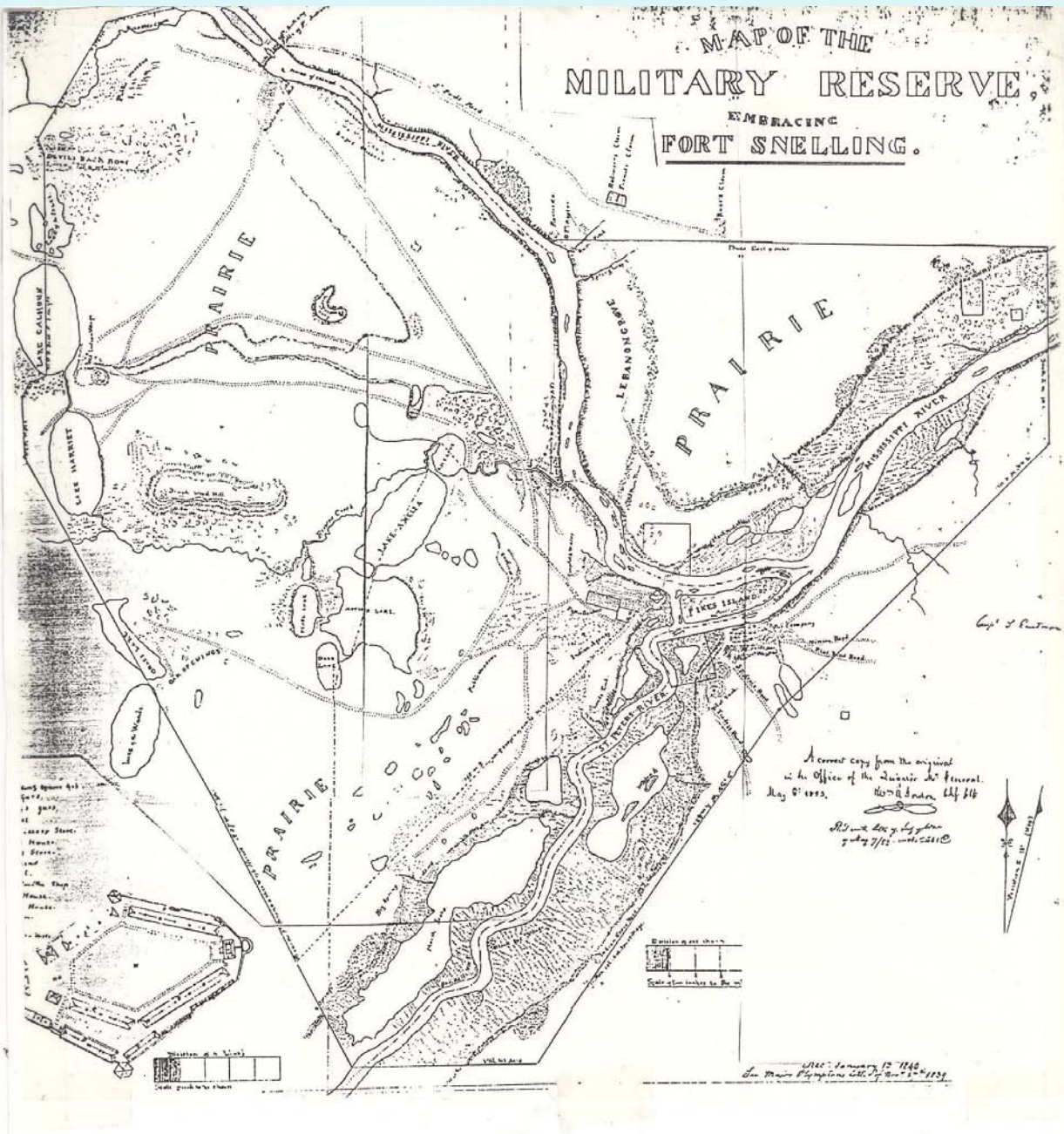
A. Rand & Co. Sps. Wash. D.C.

# The United States Military





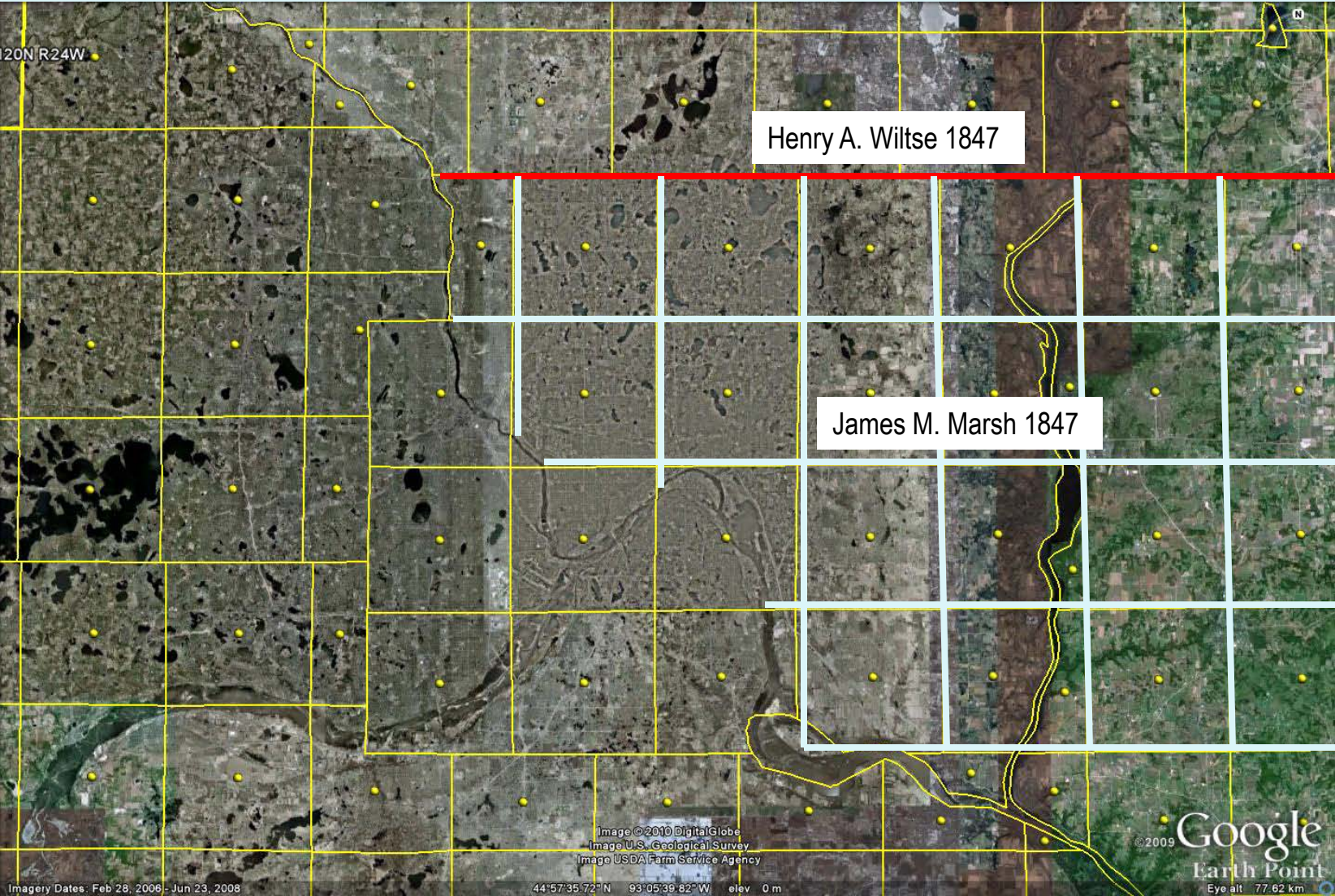




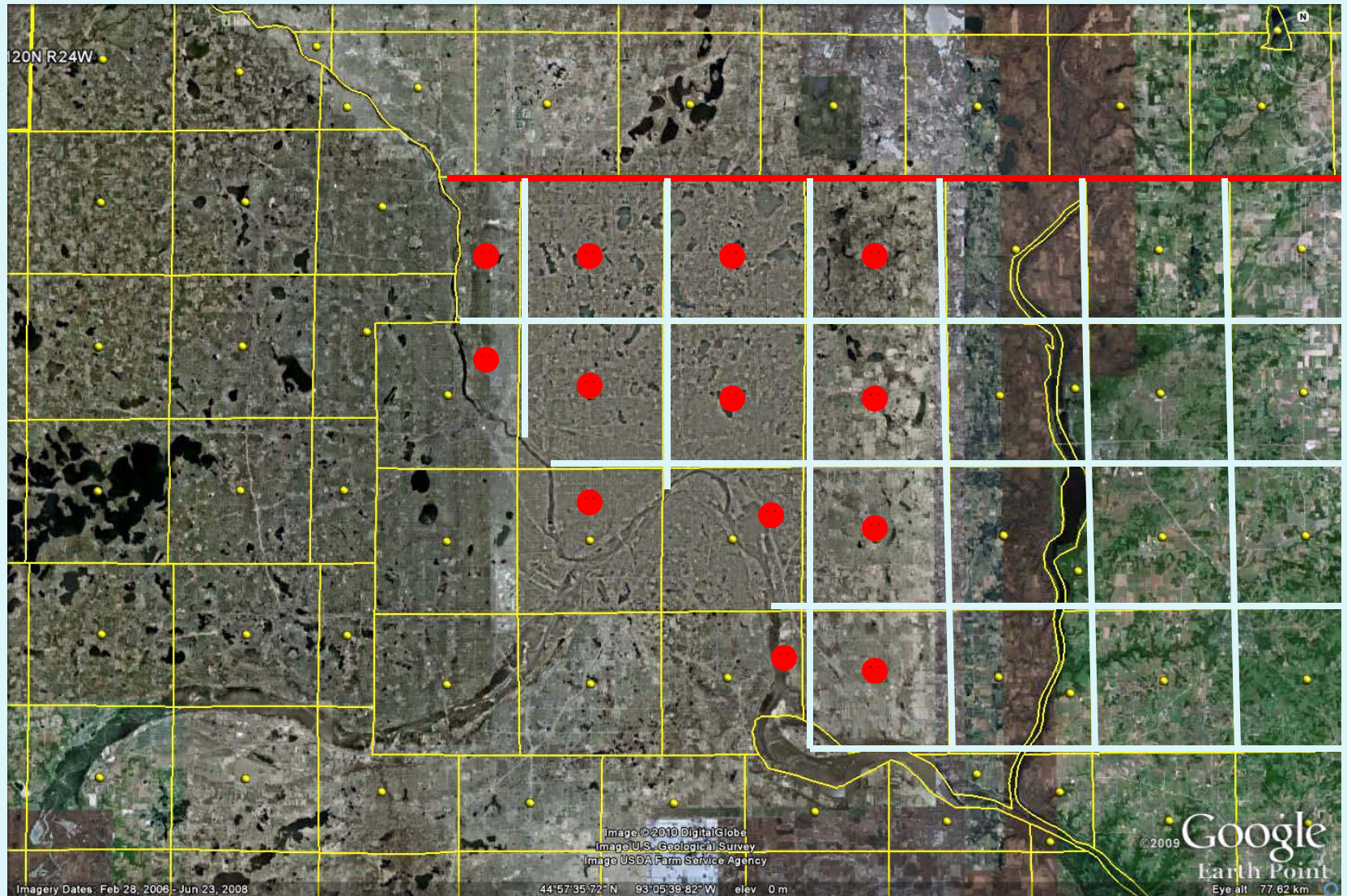
## The “Basic” Map – May 6, 1839

- firewood
- grazing
- non-military personnel

# Township Exteriors East of the Mississippi

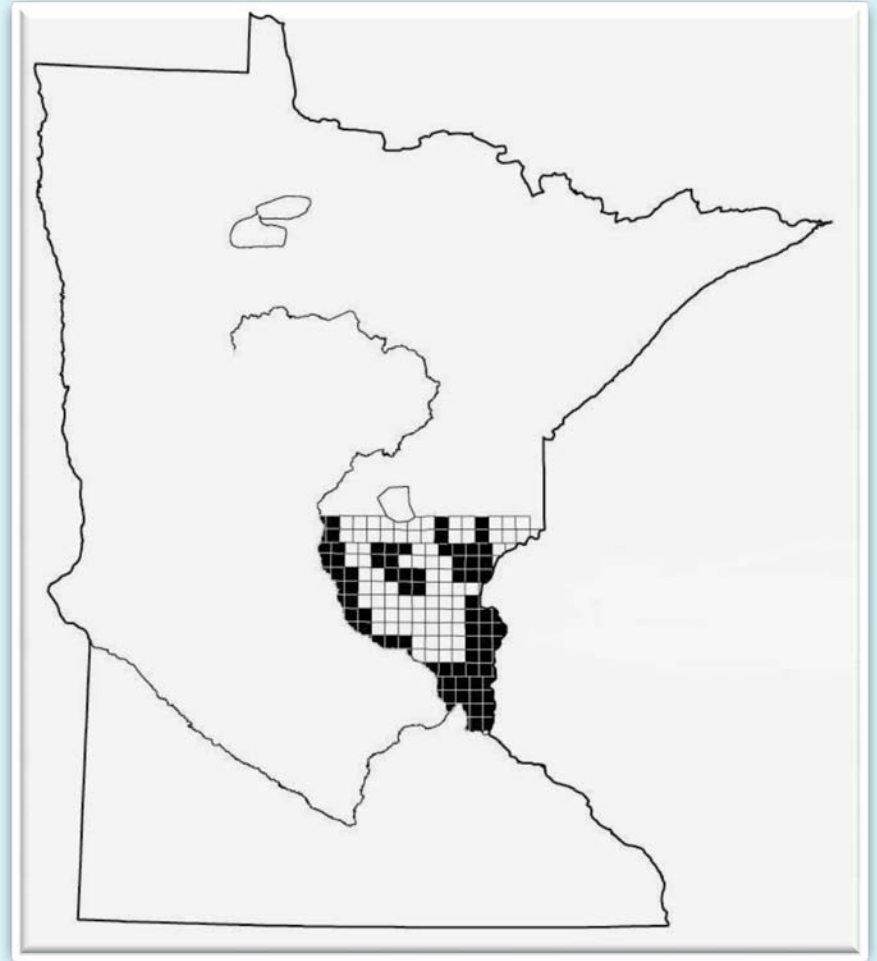


# Townships Subdivided by Isaac N. Higbee East of the Mississippi



# General Instructions issued by the Surveyor General Wisconsin and Iowa, George W. Jones, May 28, 1846

- All east of the Mississippi River
- Area ceded in treaty of 1837 – no mention of the 1805 treaty
- All using the 4<sup>th</sup> Principal Meridian



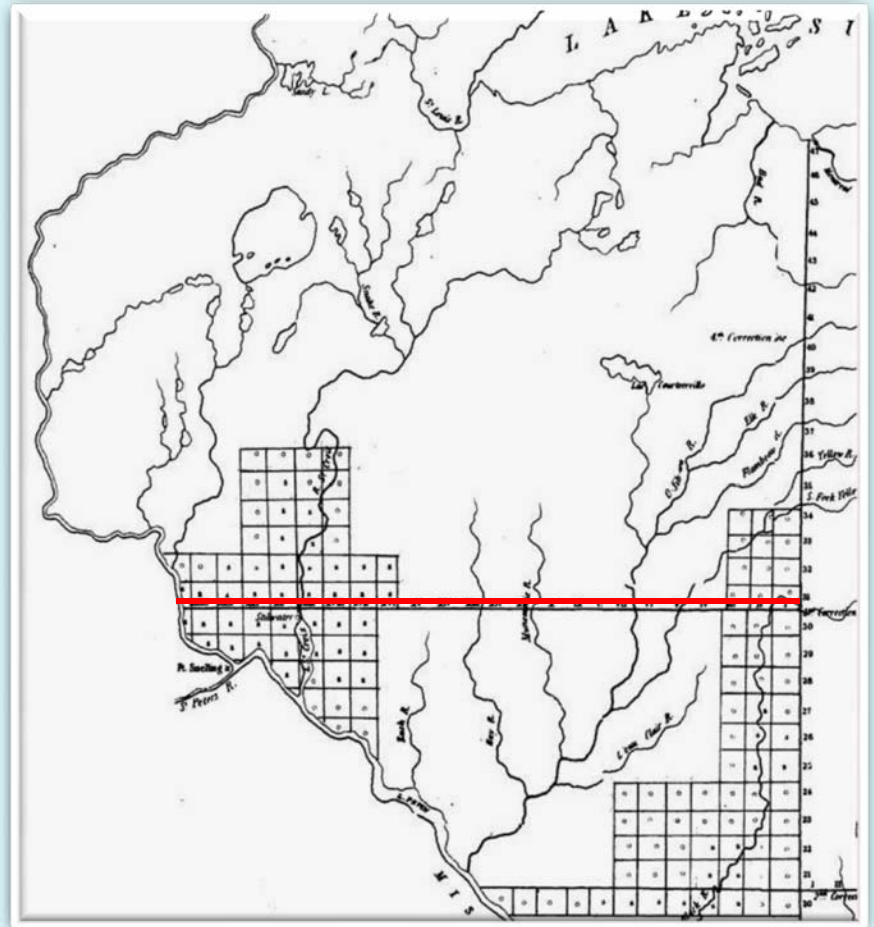
Surveys at the end of 1851

# Special Instructions issued by Surveyor General George W Jones Henry A Wiltse contract May 28, 1847

Henry A Wiltse contract May 28, 1847

- 4<sup>th</sup> Principal Meridian to Lake Superior
- 3<sup>rd</sup> Correction from the PM to the Mississippi

Connecting surveys around Mississippi –  
St Croix – St Peter's – confluence with  
those further east in Wisconsin Territory



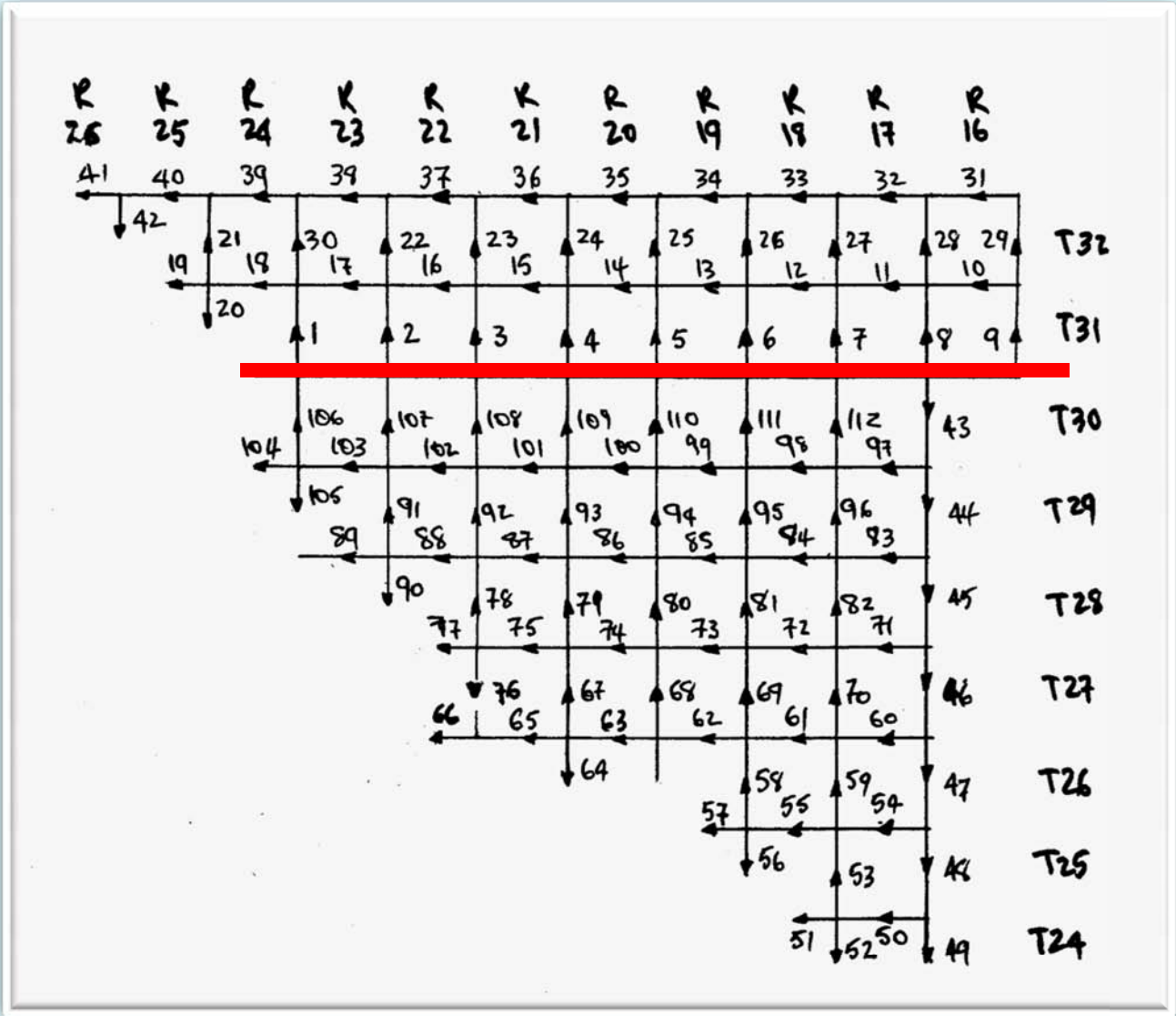
# Special Instructions to Marsh

On May 27, 1847 George W Jones, the Surveyor General awarded James M. Marsh a contract to establish townships in western Wisconsin

His special instructions contained no mention of the military reserve

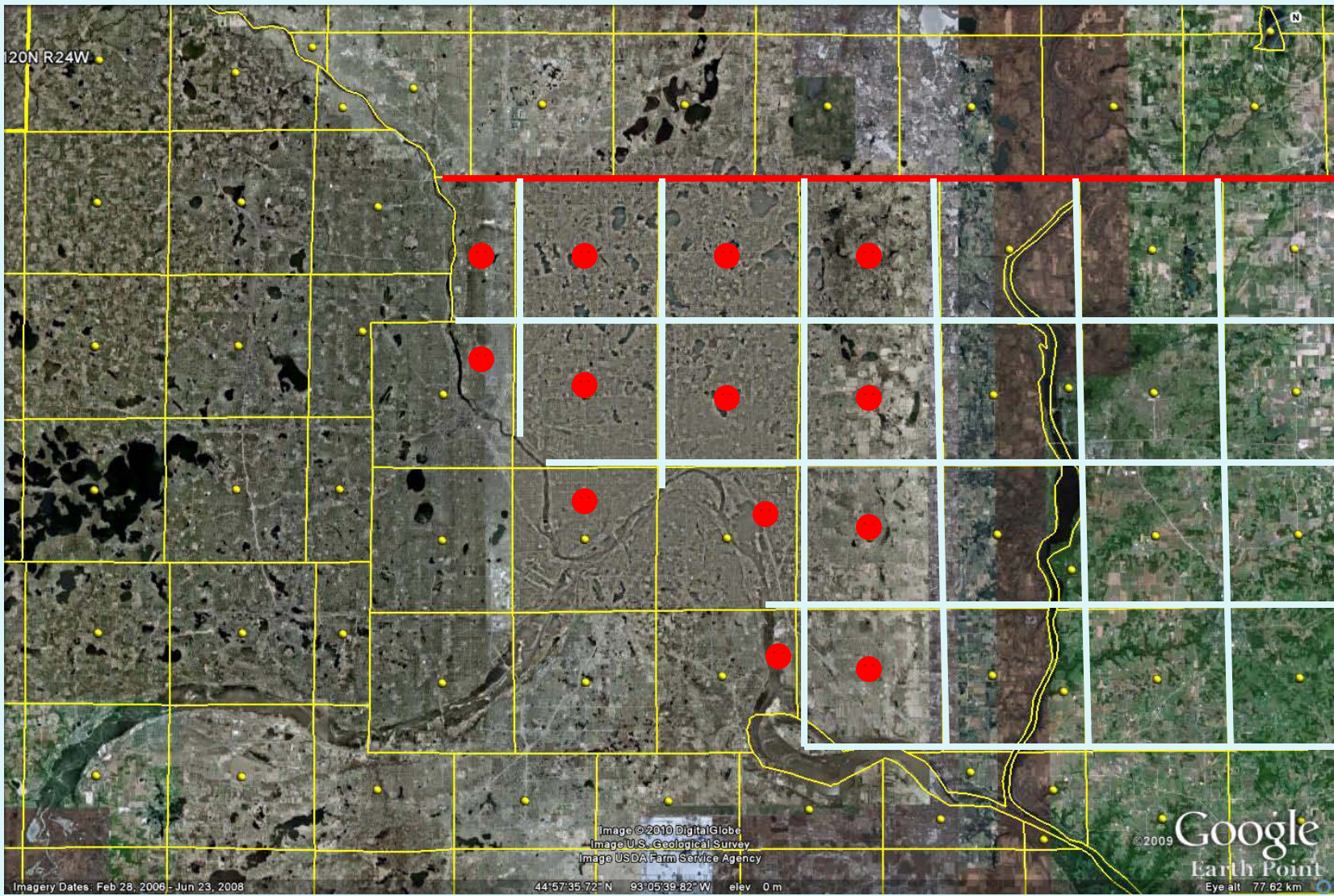
“Herewith you are furnished a description of each of the existing township corners upon the south boundary of your district, with an accurate statement of the closing and magnetic variations of each several boundary thereof”

# Special Instructions issued by the Surveyor General to James M. Marsh contract dated May 28, 1847

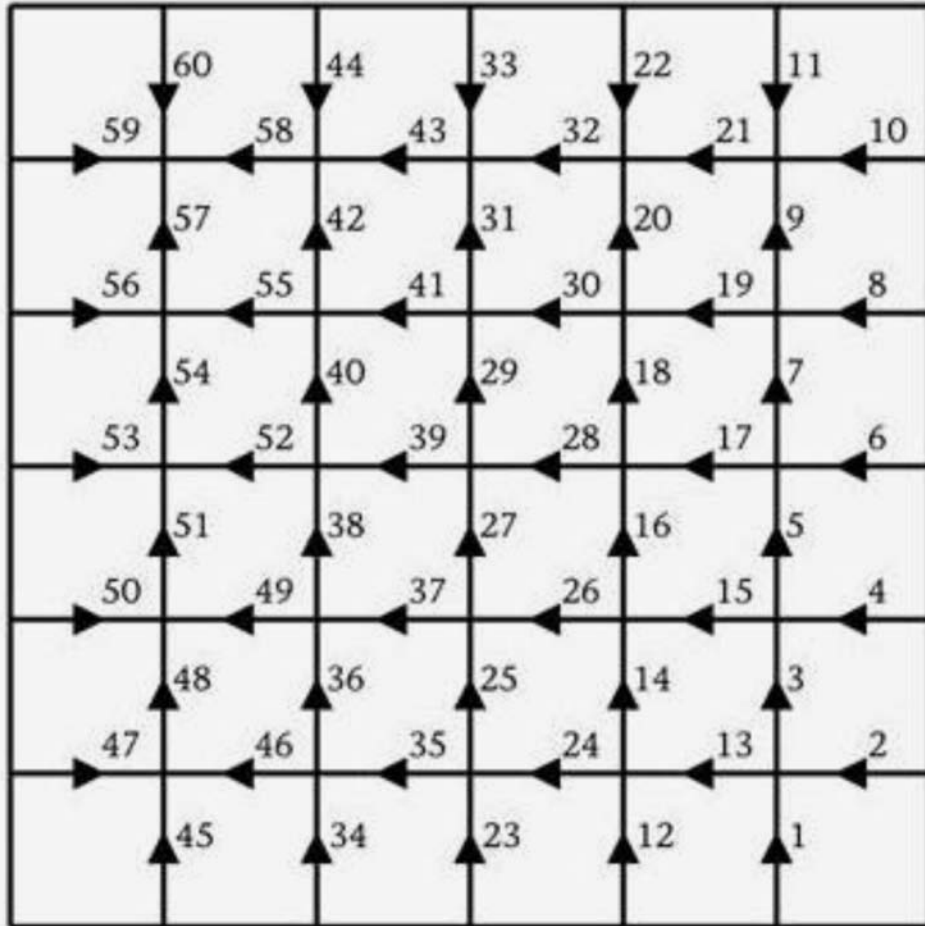


On September 3, 1847 Surveyor General Jones awarded Isaac Higbee a contract to subdivide the townships adjoining the Mississippi that included a portion of the military reserve lying east of the River

Again, there was no mention of the reservation in his special instructions



# Higbee Subdivisions



He ran random and correct section lines on east, north, and south tiers of sections

## **Special Instructions issued by the Surveyor General to Isaac Higbee contract September 3, 1847**

Several township of the district of subdivisions assigned to you under contract of this date, are rendered fractional by the Mississippi river. In subdividing these townships, you are to regard the main channel of the said river as the boundary of your district upon the South and West, consequently you are to meander all islands in the said river within the said district, which are valuable either for their soil or timber

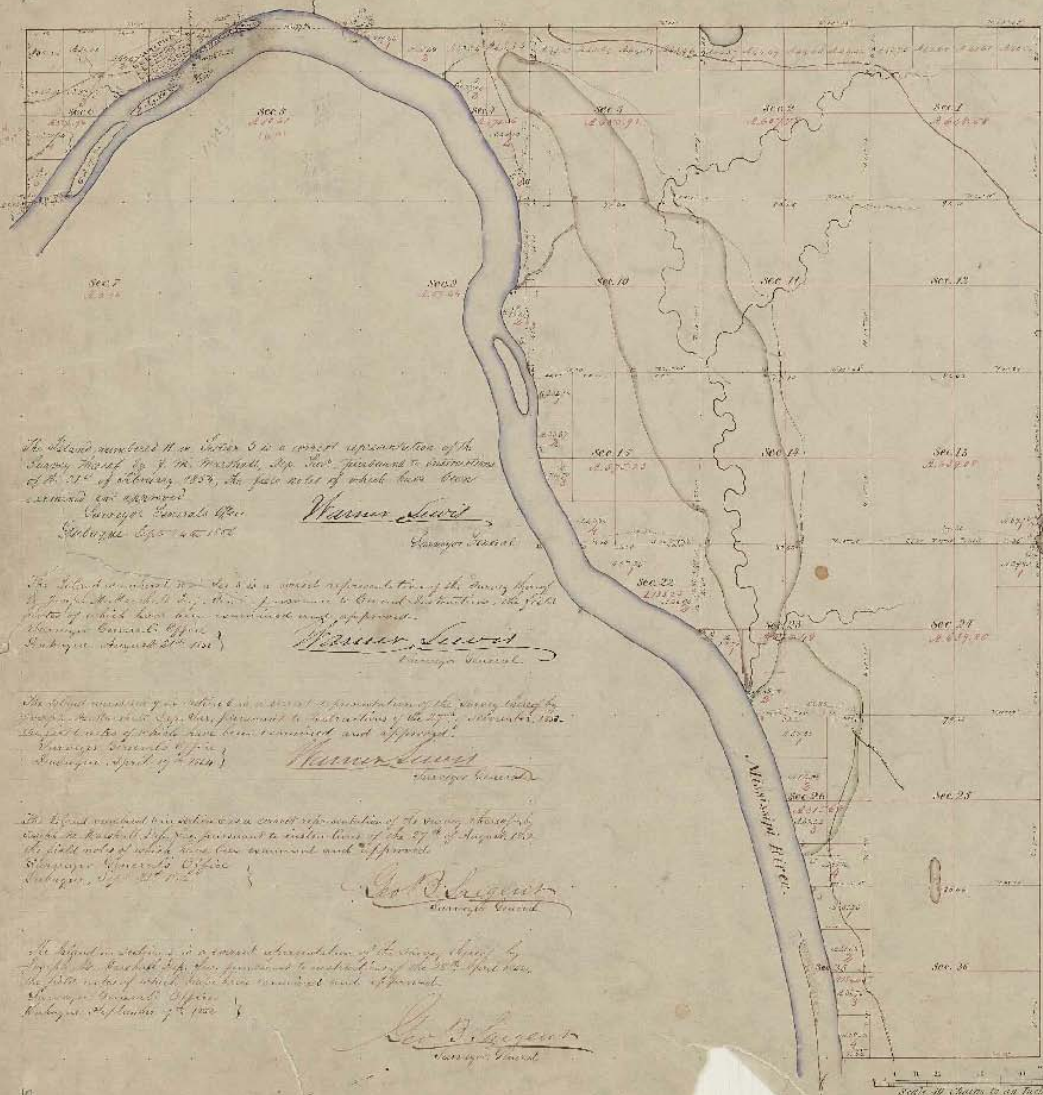
You are to measure the left bank of so much of the Mississippi river as adjoins the district aforesaid. In executing this portion of your work you will please, as often as once in each of the said fractional townships ascertain by triangulation or otherwise the width of the said river and enter the same in its proper place in your meander notes

## Higbee Special Instructions

In your survey of the fractional townships above named should any one or more of your East & West lines, in closing upon the Mississippi river, exceed the just length of the tier or series of which such line is a portion, you, are, from the point of the full measure of such line or lines to run as directed under the head of “township lines” in the foregoing printed instructions – due North & South respectively, until you intersect the said river in each direction. This line you are to establish at the proper Range line and you are to return the field notes thereof in a separate book, attested by yourself and assistants in the usual manner

Township N<sup>o</sup> 28. N. Range N<sup>o</sup> 22 West 4<sup>th</sup> Mc.

16



The above numbered map is a correct representation of the Survey made by J. M. Marshall, Esq. for purposes of partition of the 36<sup>th</sup> of January, 1828, the parts of which have been examined and approved  
Surveyor General's Office  
Wm. Jones  
Surveyor General

The above numbered map is a correct representation of the Survey made by J. M. Marshall, Esq. for purposes of partition of the 36<sup>th</sup> of January, 1828, the parts of which have been examined and approved  
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Surveyor General's Office  
J. B. Jones  
Surveyor General

Total number of Acres 24000

Survey suggested	By Whom suggested	Belong to Contract	Amount of Section	When surveyed	When closed
Township lines	James H. ...	...	36	...	...
Subdivisions	...	...	...	...	...

18

Acres	Survey	Value	Acres	Survey	Value
1	...	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
4	...	...	...	...	...
5	...	...	...	...	...
6	...	...	...	...	...
7	...	...	...	...	...
8	...	...	...	...	...
9	...	...	...	...	...
10	...	...	...	...	...
11	...	...	...	...	...
12	...	...	...	...	...
13	...	...	...	...	...
14	...	...	...	...	...
15	...	...	...	...	...
16	...	...	...	...	...
17	...	...	...	...	...
18	...	...	...	...	...
19	...	...	...	...	...
20	...	...	...	...	...
21	...	...	...	...	...
22	...	...	...	...	...
23	...	...	...	...	...
24	...	...	...	...	...
25	...	...	...	...	...
26	...	...	...	...	...
27	...	...	...	...	...
28	...	...	...	...	...
29	...	...	...	...	...
30	...	...	...	...	...
31	...	...	...	...	...
32	...	...	...	...	...
33	...	...	...	...	...
34	...	...	...	...	...
35	...	...	...	...	...
36	...	...	...	...	...

This map of Township N<sup>o</sup> 28. N. Range N<sup>o</sup> 22 West 4<sup>th</sup> Mc. is a correct representation of the Survey made by J. M. Marshall, Esq. for purposes of partition of the 36<sup>th</sup> of January, 1828, the parts of which have been examined and approved.

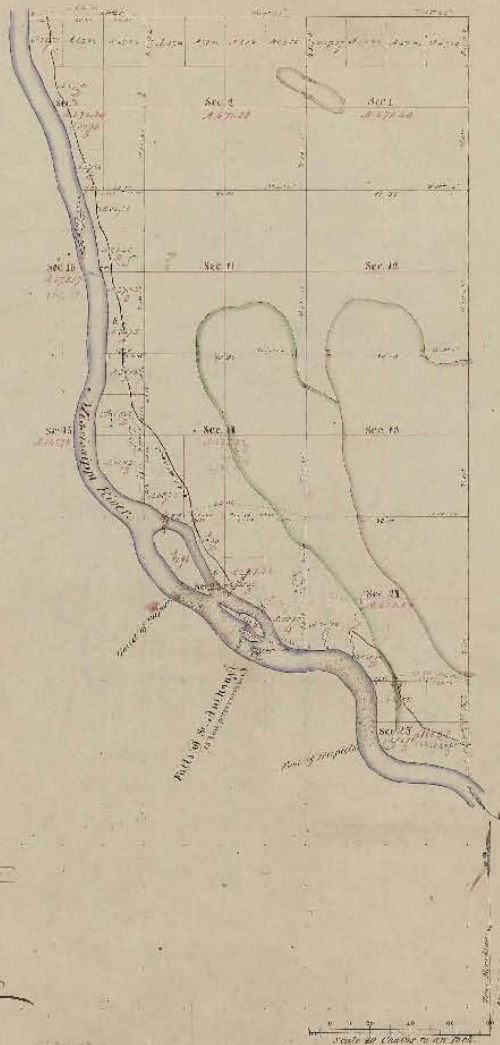
March 15, 1848

W. Jones



Township N<sup>o</sup> 29, R. Range N<sup>o</sup> 24 West 4<sup>th</sup> Mer.

13



The above numbered section is a correct representation of the survey shown by Joseph W. Marshall by the instrument to which reference is made in the first notes of which have been examined and approved.  
 Surveyor General's Office  
 Dubuque, Sept. 22, 1848

*Wm. Lewis*  
 Surveyor General

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 Surveyor General's Office  
 Dubuque, Sept. 22, 1848

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 Surveyor General's Office  
 Dubuque, Sept. 22, 1848

*Wm. Lewis*  
 Surveyor General

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 Surveyor General's Office  
 Dubuque, July 2, 1848

*Wm. Lewis*  
 Surveyor General

Total number of Acres 36000

Survey Instrument	By whom surveyed	Date of survey	Amount of Survey, A. C.	When Surveyed	When Entered in the Surveyor's Office
Township lines	James M. Smith	Aug. 22, 1847	7 27 1/2	1847	1847
Sections	John A. Smith	Sept. 22, 1847	20, 92 1/4	1847	1847

Section	Owner	Acres	Course	Distance	Remarks
1	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 1
2	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 2
3	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 3
4	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 4
5	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 5
6	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 6
7	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 7
8	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 8
9	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 9
10	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 10
11	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 11
12	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 12
13	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 13
14	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 14
15	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 15
16	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 16
17	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 17
18	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 18
19	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 19
20	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 20
21	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 21
22	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 22
23	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 23
24	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 24
25	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 25
26	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 26
27	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 27
28	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 28
29	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 29
30	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 30
31	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 31
32	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 32
33	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 33
34	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 34
35	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 35
36	James M. Smith	20 92 1/4	N 89° 57' 30" W	1000	Section of Section 36

The above map of Township N29, R24W, M4, is a correct representation of the survey shown by Joseph W. Marshall by the instrument to which reference is made in the first notes of which have been examined and approved.

March 15 1848

*Wm. Lewis*  
 Surveyor General



Plat certified by Surveyor General George Jones February 15, 1848

On May 6, 1848 the Commissioner of the General Land Office, Richard M. Young, wrote to Jones,

I ... call your attention to the instructions from this Office of 29 July 1839 directing a reservation for Military purposes at Fort Snelling on the upper Mississippi; and to request that you will forward to this and the Register's office a diagram showing the connection of the Reservation with the lines of the public land surveys

May 19, 1848, the Surveyor General responded, writing,

In compliance with part of your communication of the 6<sup>th</sup> Inst., requiring me to indicate the connections of the public surveys with the Military reservation at Fort Snelling, I beg leave to transmit, for your examination, the enclosed diagram. **The sketch of the said Reservation accompanying instructions from your office, dated 29<sup>th</sup> July, 1839, was not the result of a survey, and gives neither course nor distance (?Map of May 6, 1839)**

Therefore ....I have ventured to propose a boundary made to conform to regular subdivisional lines. The boundary follows very nearly upon the track of the one originally proposed, and comprises, as nearly as can be ascertained, an equal amount of land. Its upper point of intersection with the Mississippi river is precisely the same, and its lower point of intersection with the river, the same within five chains

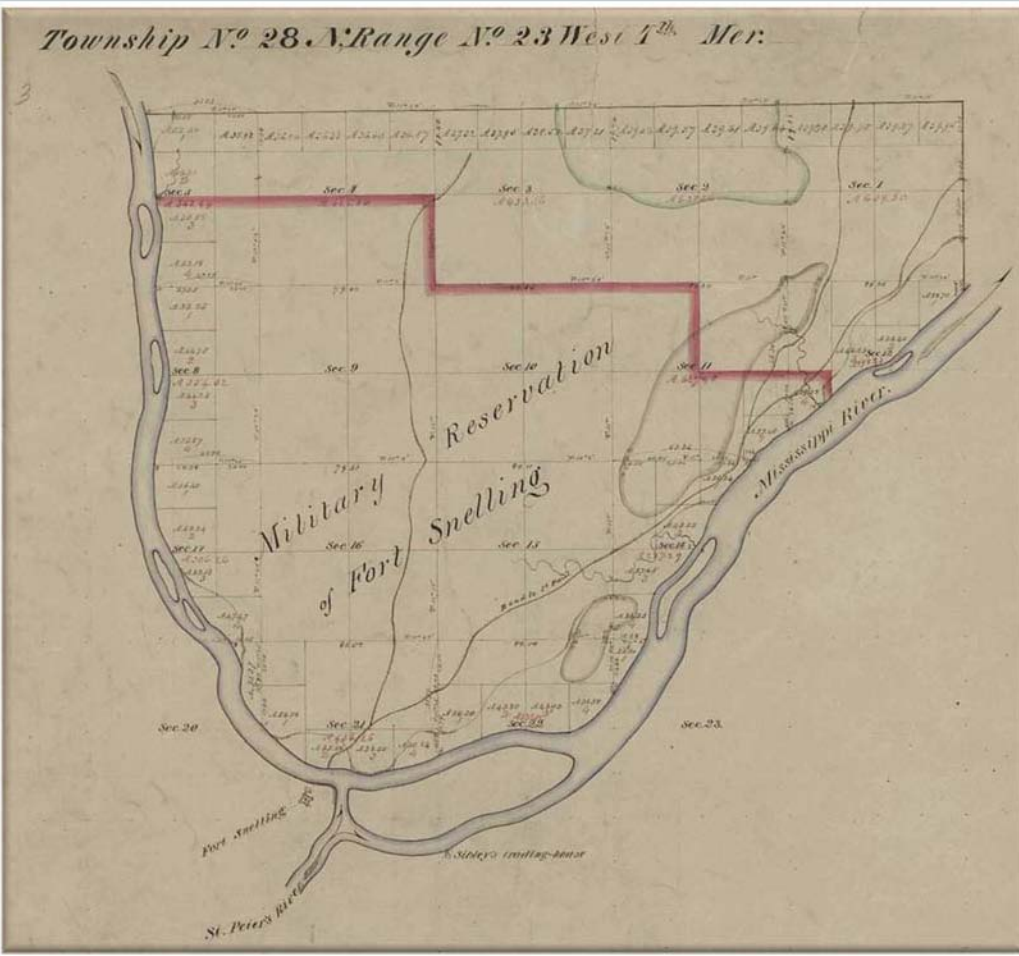
On June 30 the Commissioner responded to his actions, stating,

Yours of the 19<sup>th</sup> inst. has also been received enclosing a diagram of that portion of the Military Reservation at Fort Snelling which is situated in Wisconsin. In the absence of marks or monuments in the field, showing the boundaries of this Reservation, the course pursued by you in tracing it along the boundaries of legal subdivisions was perfectly proper. You will please forward a copy of the diagram to the Register

Here we have another instance when the plat was altered after being certified  
Question – does the plat sent to Washington contain the military reservation?

# Minnesota

# BLM





1825

1846-7

1837

1851

1805

## **August 26 1852 “An Act to reduce and define the Boundaries of the Military Reserve at the Saint Peter’s River” 10 Stat 36-37**

Directed the Secretary of War to “cause the lines of the present military reserve at Fort Snelling, in the Territory of Minnesota, to be so contracted as to embrace the following boundaries ....” - restricted the reservation to land west of Mississippi

The legislation authorized the Commissioner of the General Land Office to survey “so much of the land heretofore included in the military reservation aforesaid, but without the limits of the military reserve aforesaid, as defined by this act as have not already been surveyed,” and the land sold

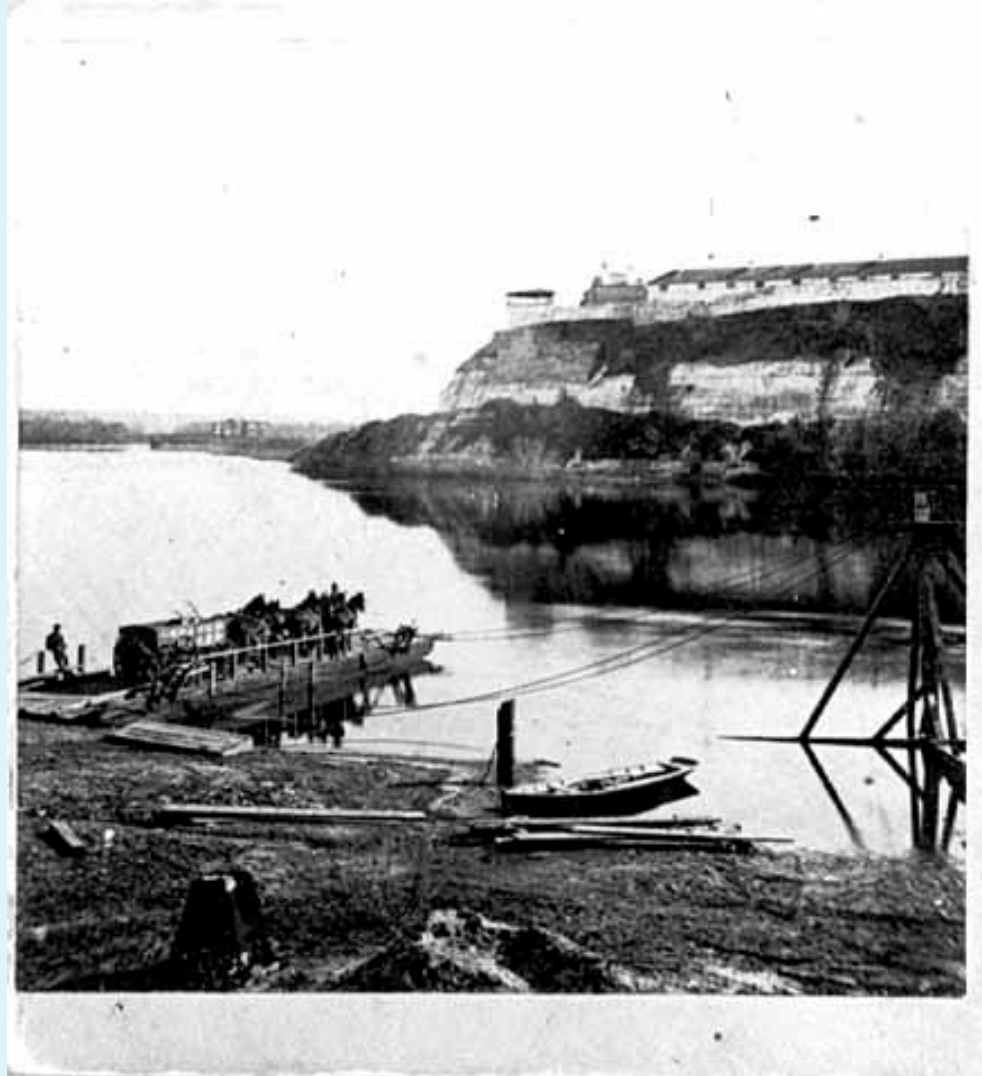
Two parcels of land outside the reservation boundaries, were reserved “for military purposes;”

- “a quarter section on the right bank of the St. Peter’s river, at the present ferry”
- a quarter section “on the left bank of the Mississippi river, at the present ferry across that river,” already surveyed by Isaac Higbee

Two weeks later, on September 3, 1852 the Commissioner of the General Land Office wrote to the Register at the Stillwater land district office requesting that the location of the ferry reservation be marked on a map



T28N R23W



# Jesse T. Jarrett

Contract 1853

1. To establish the Original Military Reservation Line west of the River – Why?
2. To run township exteriors
3. To subdivided the townships

5

Re-Survey  
 of the  
 Boundaries of the  
 Original Military Reserve  
 at Fort Snelling  
 By  
 Jesse T. Jarrett Dep. Sec.  
 (Jesse T. Jarrett)

### Source Unknown

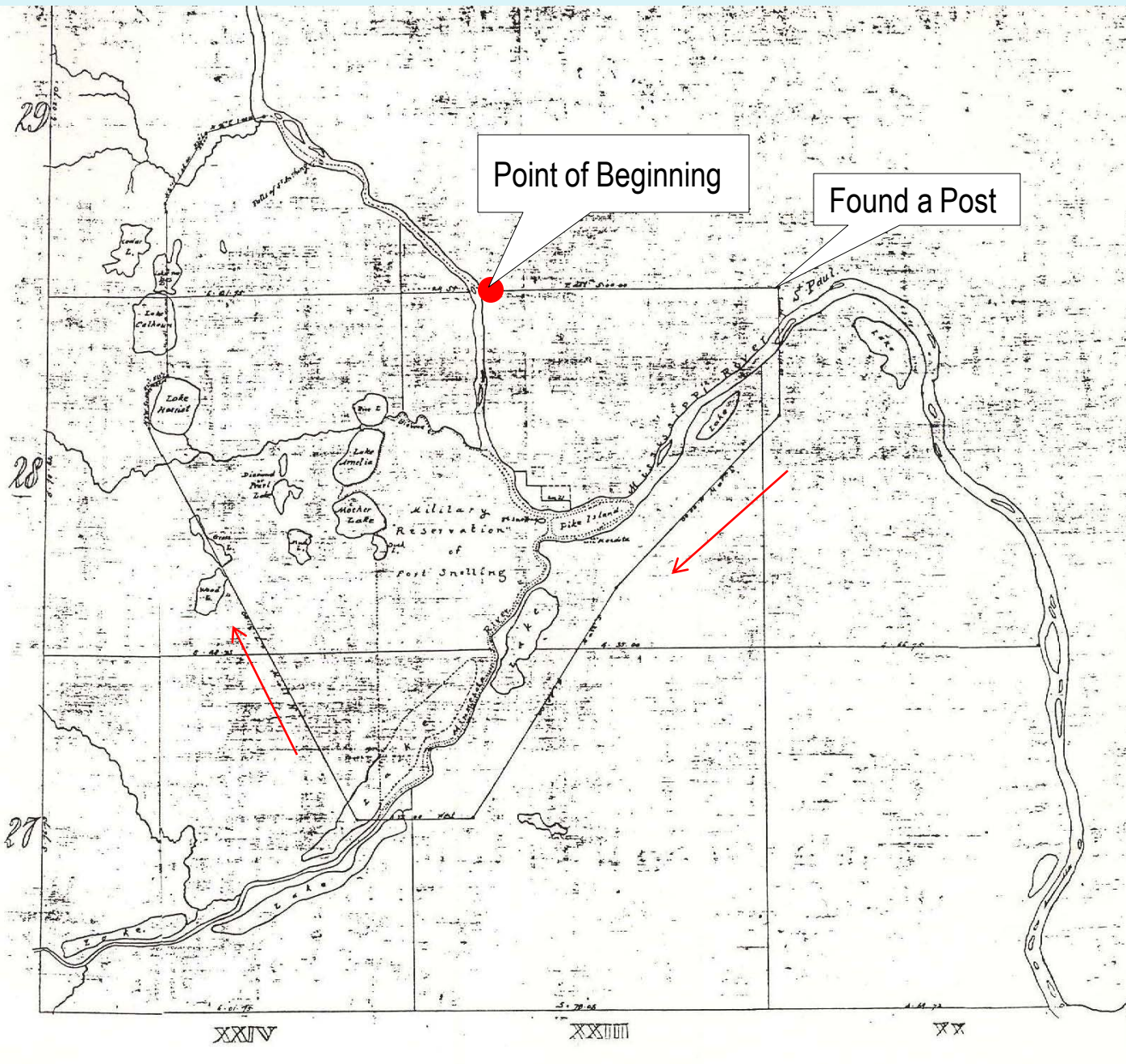
NOTE: Under the auspices of the Minnesota Land Surveyors Association (MLSA), Harley R. Schneider, MLSA Historian, spent considerable time researching archival records, located in Des Moines, Iowa, for documents relating to the Minnesota Public Land Surveys. At the time of research, records of this nature which were uncovered, were segregated in their respective Iowa Archives storage boxes. Subsequently, copies of the segregated records were made by Iowa Archives, and transmitted to the MLSA Historian for study and dissemination. This machine copy of Field Notes, made from the original document on file and of record in Iowa State Historical Department, Division of Historical Museum and Archives,

tological Museum and Archives, Box 13, and being a part of the Iowa Secretary of State Land Office Records, is one such document.

Harley R. Schneider  
 MLSA Historian

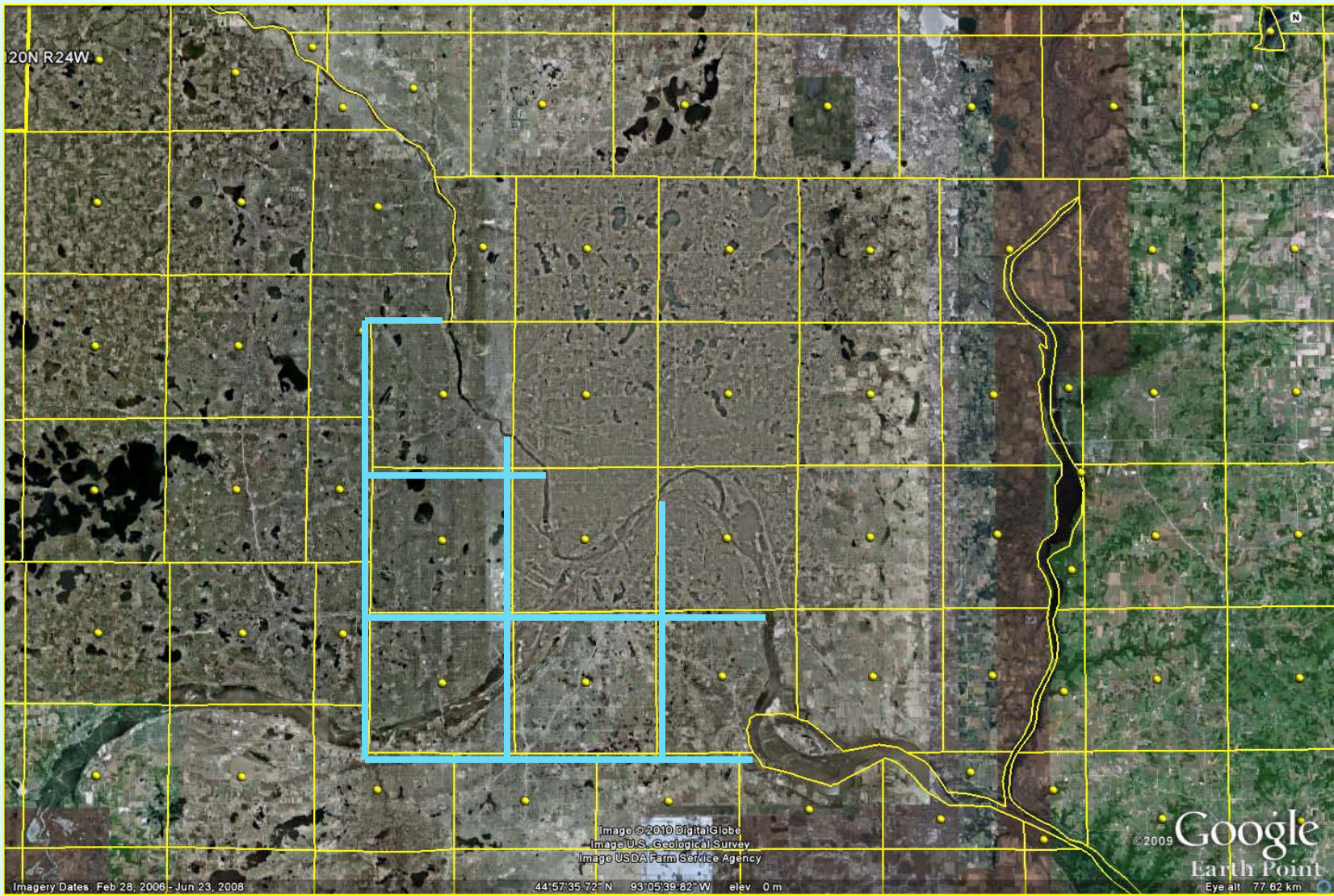
12 December 1986

5



**Source Unknown**

# Township Exteriors/Subdivisions West of the Mississippi – Jesse T Jarrett



# West of the Mississippi

## Instructions of 1851

1852 Surveyor General George B. Sargent directed to use the Oregon Manual

1853 Surveyor General Warner Lewis directed to use the Oregon Manual

?Special Instructions for Jarrett

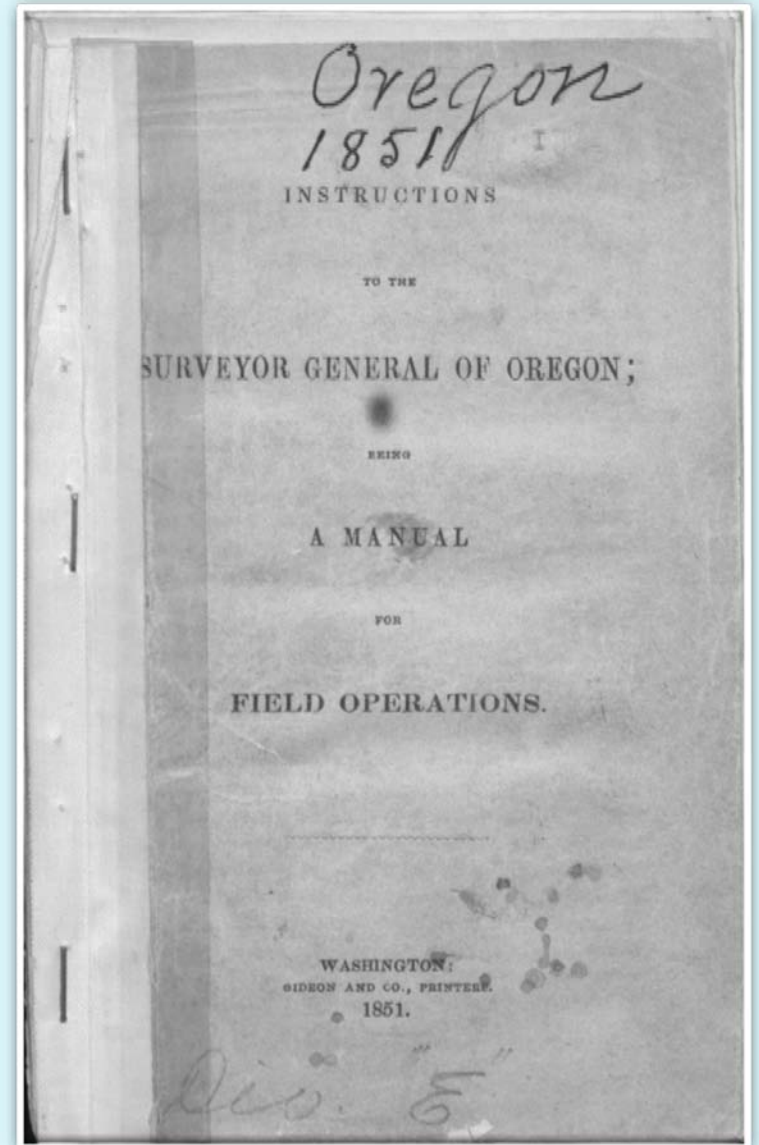
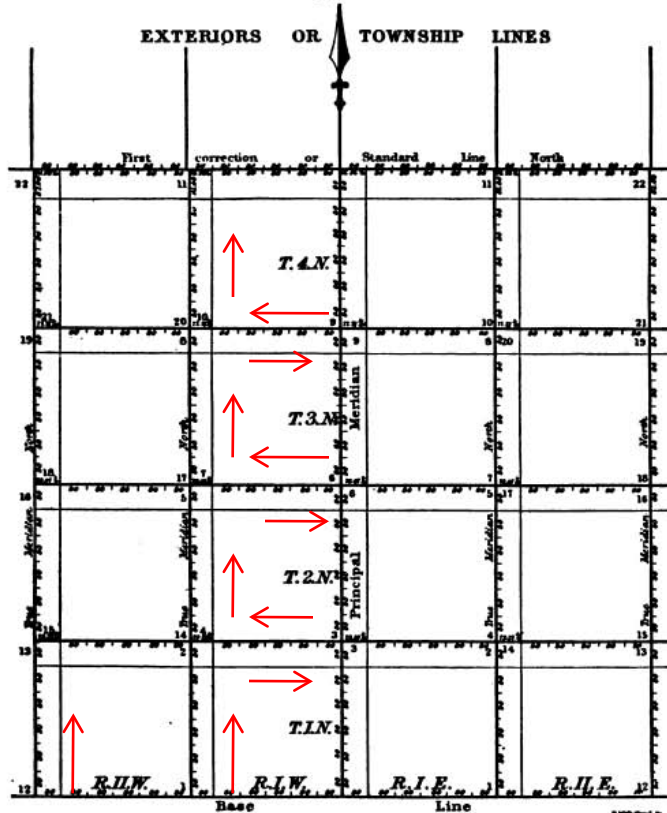


Diagram A<sup>1</sup>



The upright figures (made thus 1.2.3) commencing near the Principal Meridian and Base line with No. 1, indicate the perambulations of the Surveyor in running the Townships and Correction lines.

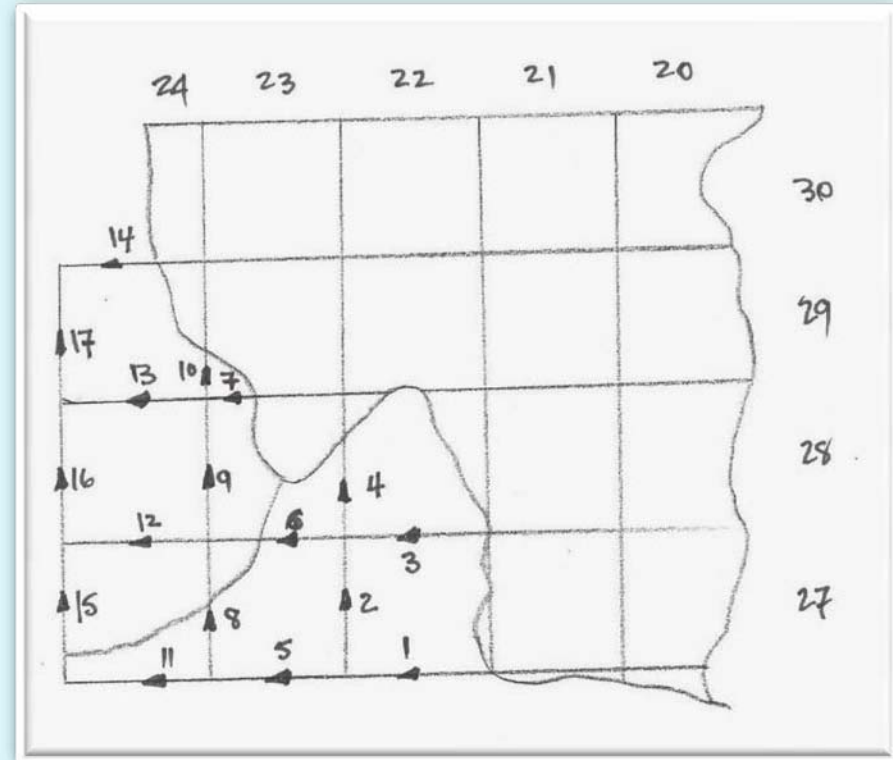
The Correction or Standard Lines North of the Base are every 4 townships, and South of the Base every 5 townships.

The excess or deficiency of measurement on northern and southern boundaries is thrown on the westernmost half mile.

The measurements between Meridian lines will, of course, always vary according to the latitude of the survey, besides being liable to be rendered inexact where the country is very hilly or broken. The convergency of the range lines as shown by the measurements on this diagram, is according to calculation, as it exists between the parallels of 46° and 47° N. L.

<sup>1</sup> This reproduction of the beautifully lithographed original, folded and tipped at the back of the 1855 Instructions, is referred to on pp. 120 and 136, q.v.

## Jarrett Sequence of Exteriors

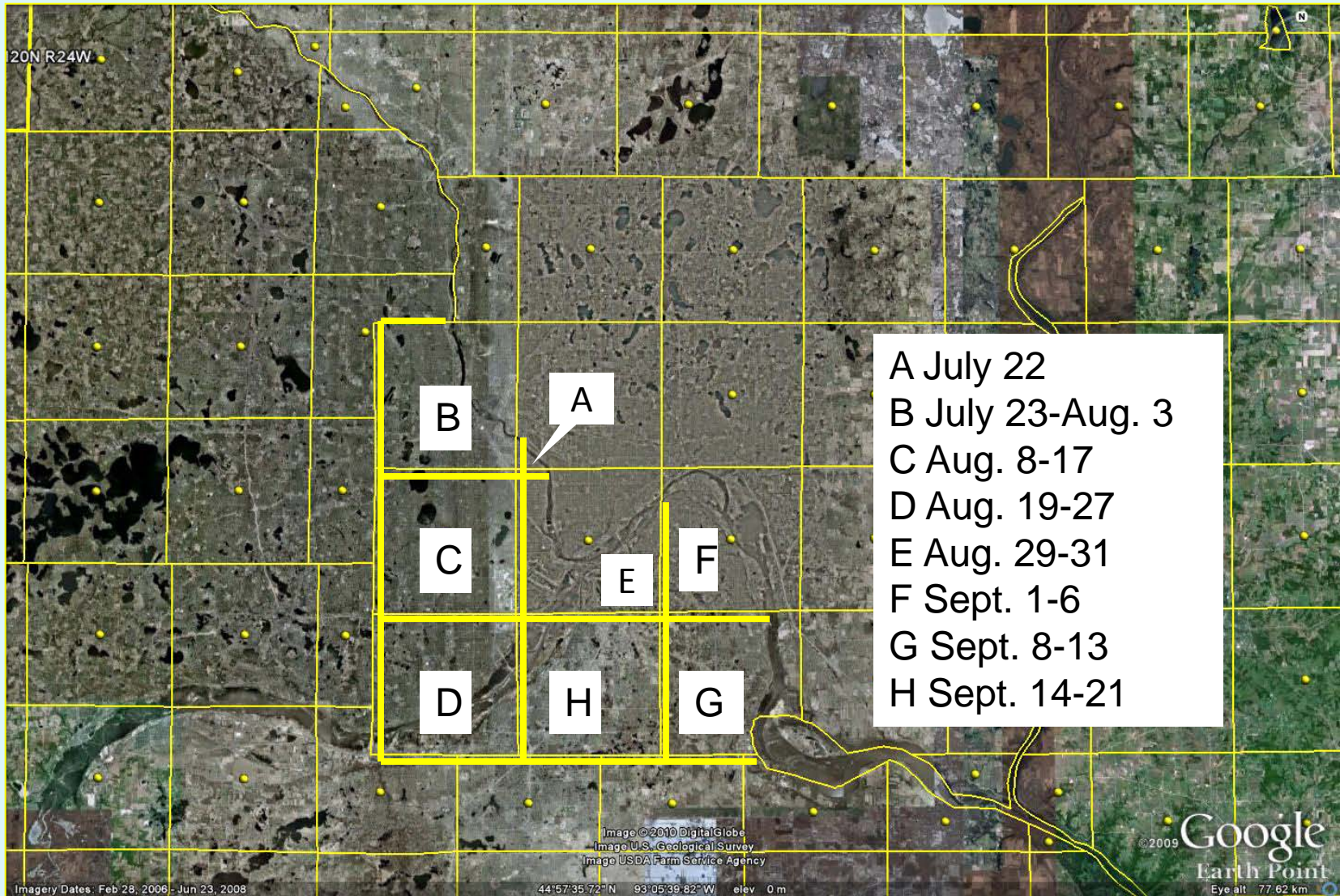


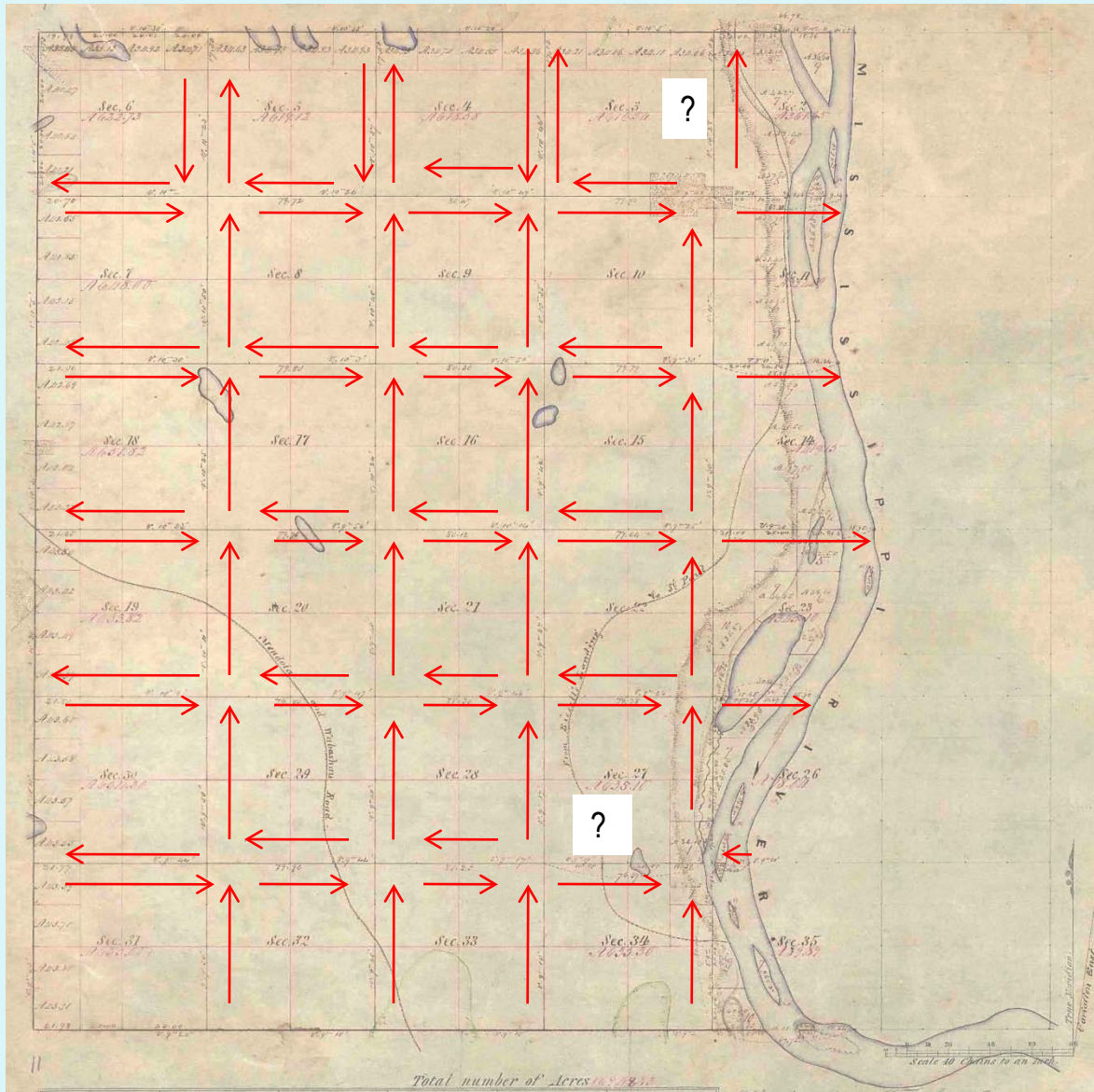
July 5-22, 1853

Starts on the west bank of the Mississippi  
Intersects the OMR Line  
Problem of setting posts?

1851 Instructions

# Jarrett - Sequence of Subdividing

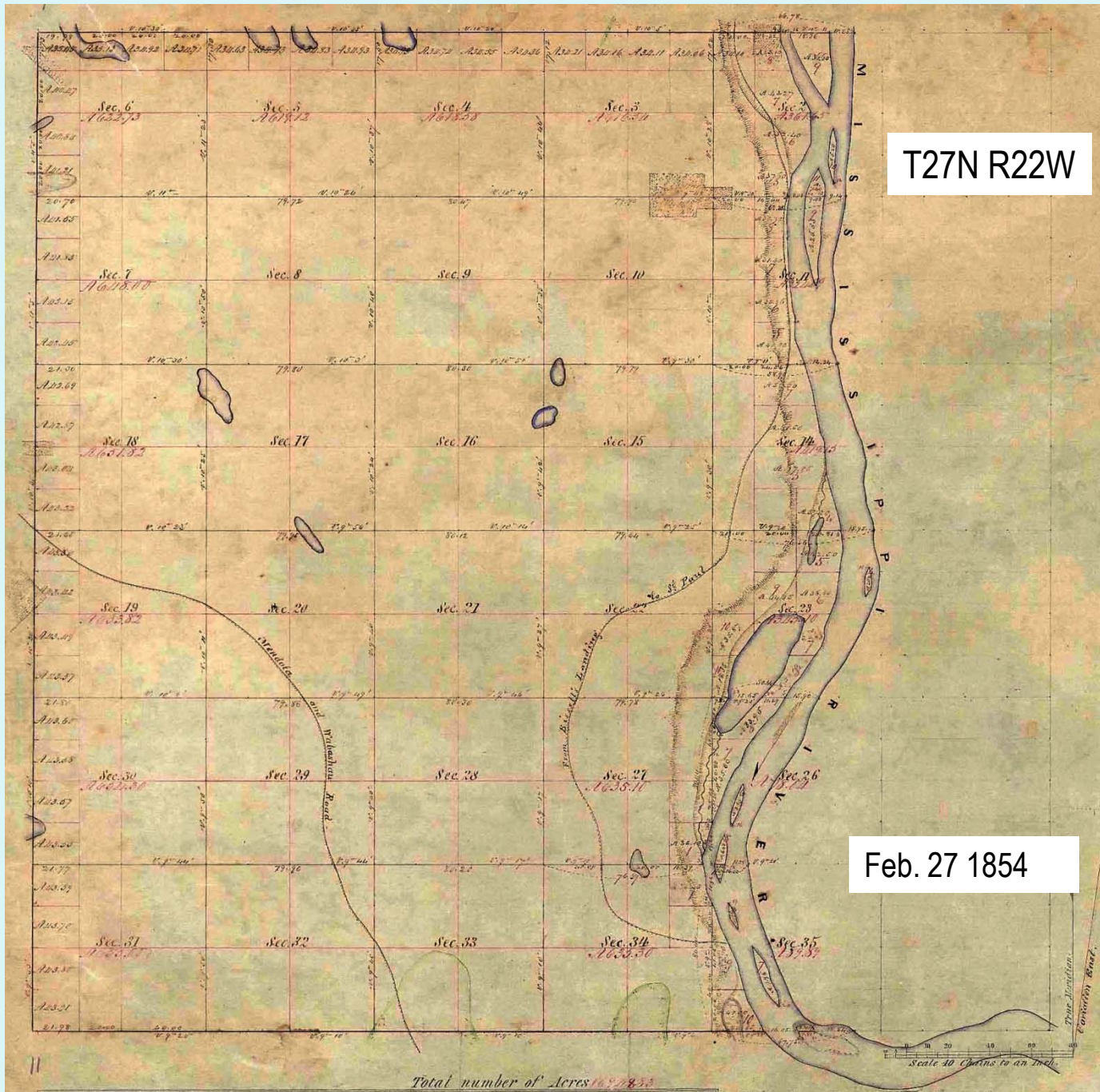




**Subdividing T27N R22W**  
 Sept 8-13 1853

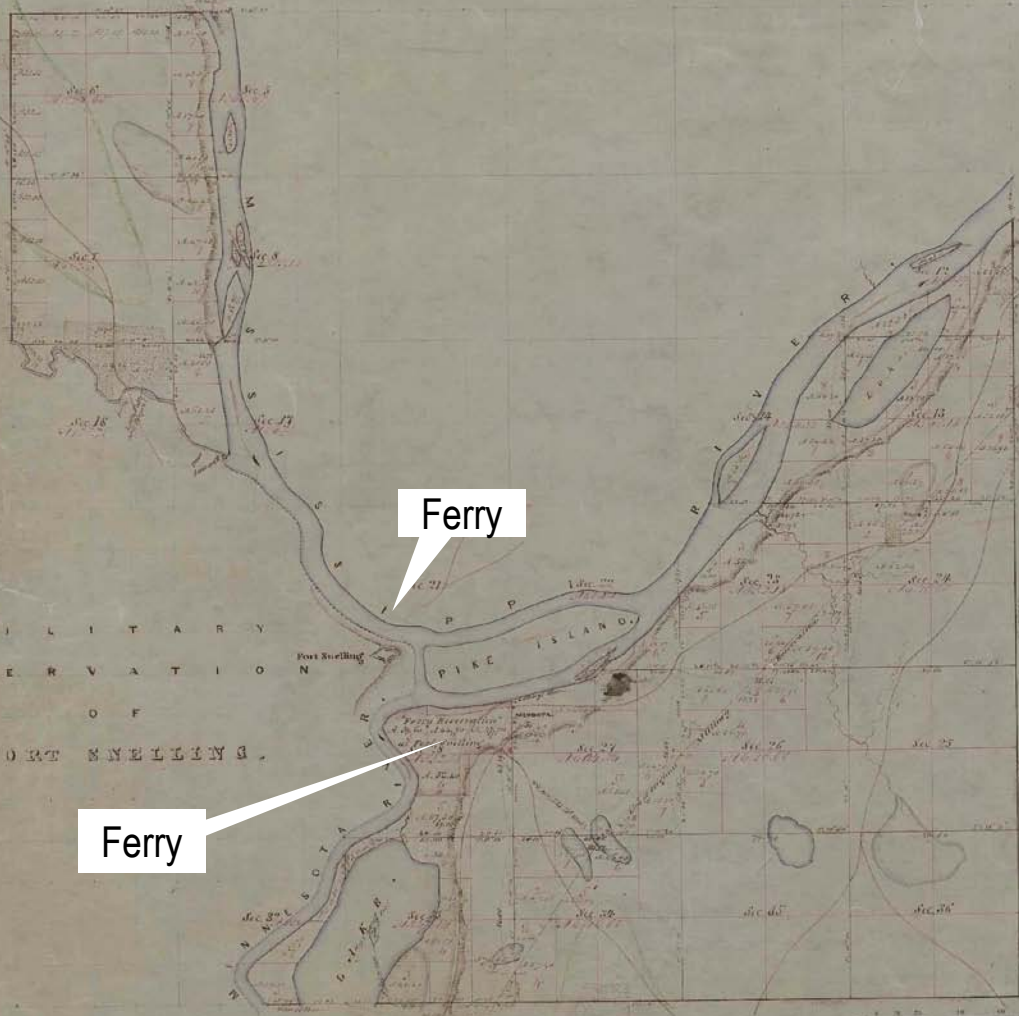
T27N R22W

Feb. 27 1854



Total number of Acres 16,878.53

Township N<sup>o</sup> 28 N, Range N<sup>o</sup> 23 West, 4<sup>th</sup> Mer.



Boundaries of Winona & Wabasha Counties

Face	Course	Dist	Face	Course	Dist
Winona	N 100° 00' W	2.00	Wabasha	S 89° 00' E	2.00
Winona	N 89° 00' W	2.00	Wabasha	S 100° 00' E	2.00
Winona	N 78° 00' W	2.00	Wabasha	S 109° 00' E	2.00
Winona	N 67° 00' W	2.00	Wabasha	S 118° 00' E	2.00
Winona	N 56° 00' W	2.00	Wabasha	S 127° 00' E	2.00
Winona	N 45° 00' W	2.00	Wabasha	S 136° 00' E	2.00
Winona	N 34° 00' W	2.00	Wabasha	S 145° 00' E	2.00
Winona	N 23° 00' W	2.00	Wabasha	S 154° 00' E	2.00
Winona	N 12° 00' W	2.00	Wabasha	S 163° 00' E	2.00
Winona	N 01° 00' W	2.00	Wabasha	S 172° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 181° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 190° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 199° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 208° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 217° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 226° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 235° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 244° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 253° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 262° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 271° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 280° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 289° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 298° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 307° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 316° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 325° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 334° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 343° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 352° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 361° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 370° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 379° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 388° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 397° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 406° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 415° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 424° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 433° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 442° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 451° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 460° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 469° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 478° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 487° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 496° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 505° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 514° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 523° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 532° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 541° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 550° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 559° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 568° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 577° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 586° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 595° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 604° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 613° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 622° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 631° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 640° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 649° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 658° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 667° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 676° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 685° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 694° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 703° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 712° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 721° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 730° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 739° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 748° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 757° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 766° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 775° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 784° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 793° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 802° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 811° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 820° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 829° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 838° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 847° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 856° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 865° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 874° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 883° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 892° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 901° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 910° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 919° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 928° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 937° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 946° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 955° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 964° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 973° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 982° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 991° 00' E	2.00
Winona	N 00° 00' W	2.00	Wabasha	S 000° 00' E	2.00

Total number of Acres 1,125.00

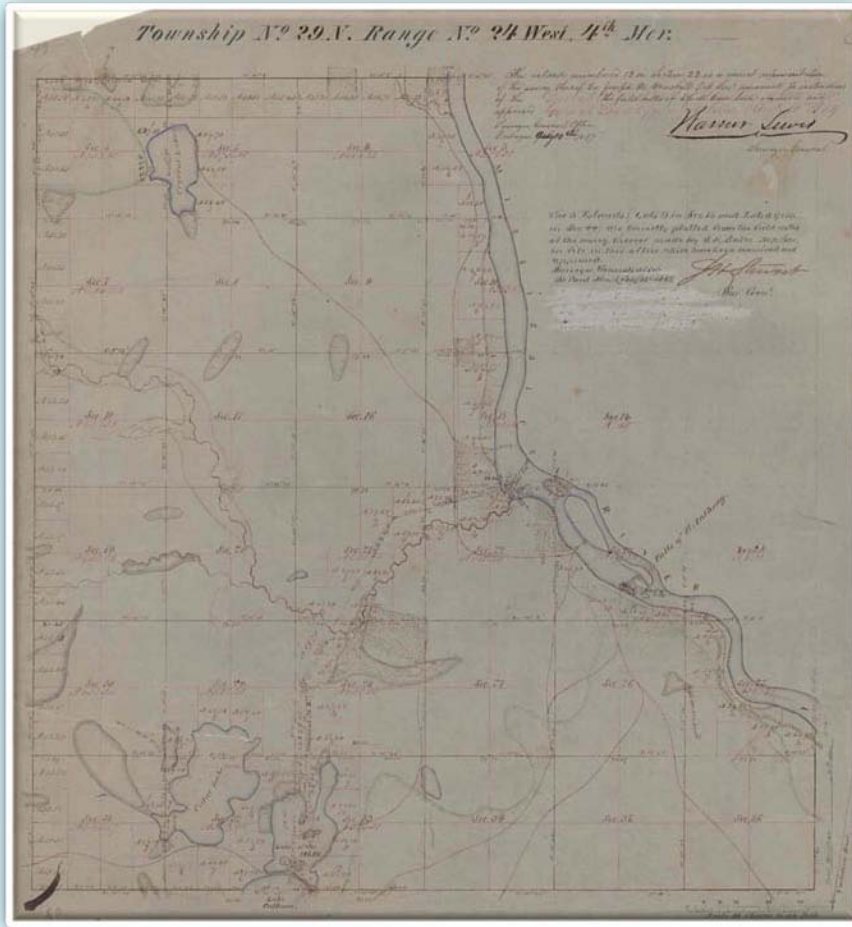
Survey Instrument	No. of Acres Surveyed	Date of Survey	Amount of Survey	When Surveyed	When Closed in
Township Map	1,125.00	Aug 27, 1854	1,125.00	Aug 27, 1854	Aug 27, 1854
Subdivisions	1,125.00	Aug 27, 1854	1,125.00	Aug 27, 1854	Aug 27, 1854

The above Map of Township N<sup>o</sup> 28 West, of Range N<sup>o</sup> 23 West of the 4<sup>th</sup> Meridian, Northern Wisconsin, is truly and correctly surveyed and approved.

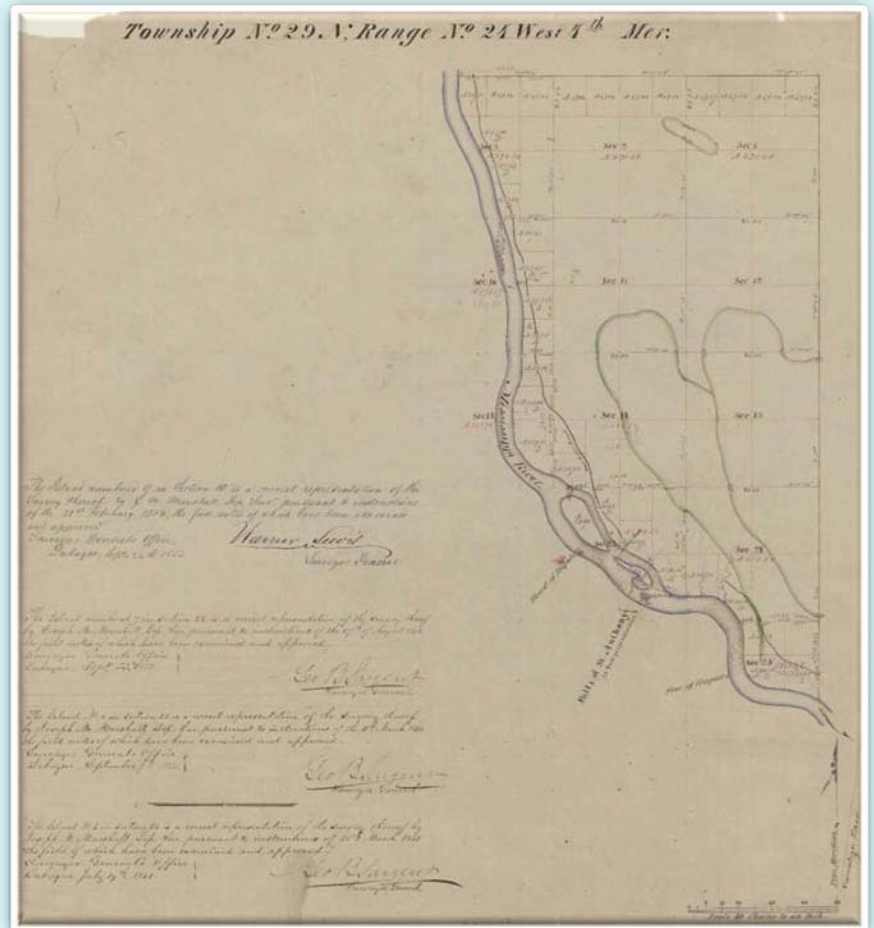
Feb 27 1854

Wm. H. ...

Townships & Subdivisions  
 Jesse T. Jarrett May 30, 1853



Township lines James M. Marsh May 22, 1847  
 Subdivision lines Isaac N. Higbee Sept 3, 1847



## Completed Maps



I certify that the survey and calculations of a part of lot 25, 26, 27, or contained within the figures & measured lines of this detached stream is exactly opposite from the survey made by G. S. & Co. in 1841. The present distribution of land in this part of the lot has been examined and approved, as bearing true of the original survey made by G. S. & Co. in 1841.

Wm. A. Carson, Jr. Surveyor and Subdivision Commissioner, Philadelphia, Pa. In presence of the Board of Surveyors of the City of Philadelphia, 25th March 1857, with one witness in presence of the Board of Surveyors of the City of Philadelphia, 25th March 1857.

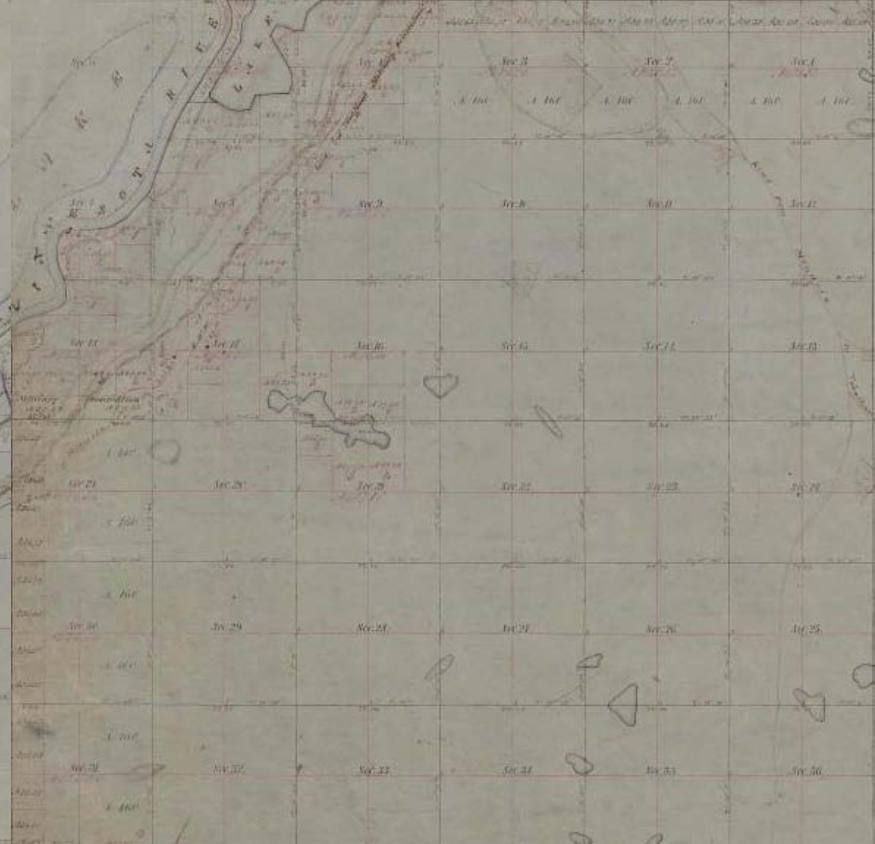
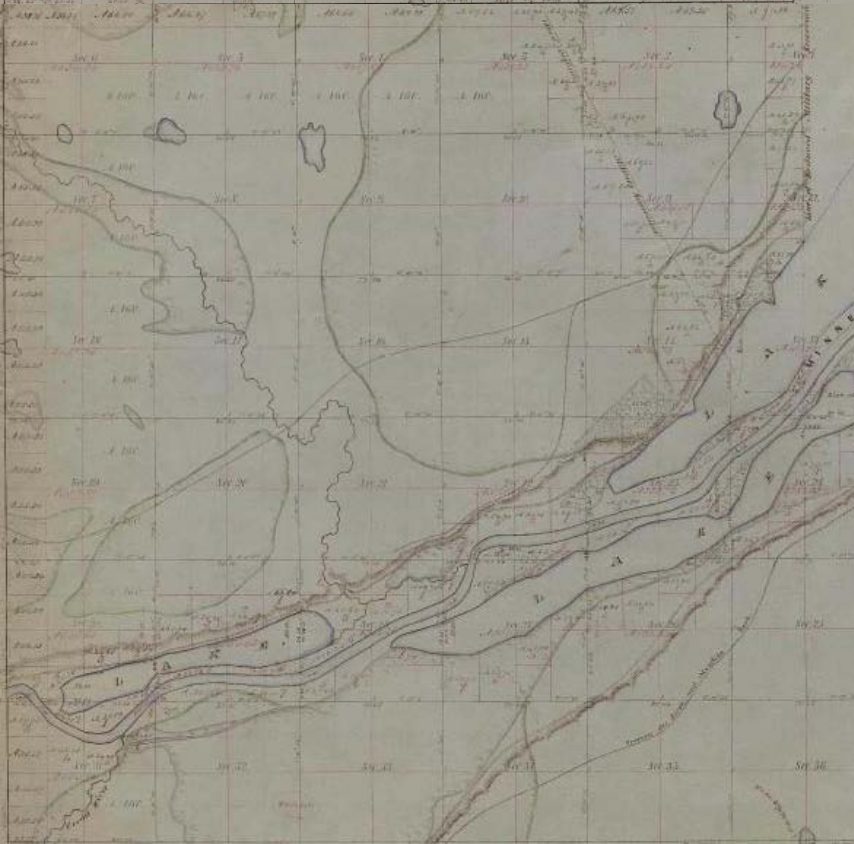
Warner Survey

See 3 Islands (Lob 3 in Sec 16 and Lob 4 in Sec 20) are correctly plotted from the 1860 maps as they were placed on the 1860 map. The 1860 map shows the 1860 map as they were placed on the 1860 map. The 1860 map shows the 1860 map as they were placed on the 1860 map.

H. H. Warner  
Sur. Gen.



MILITARY  
RESERVATION  
OF  
FORT SNELLING.



1853

108

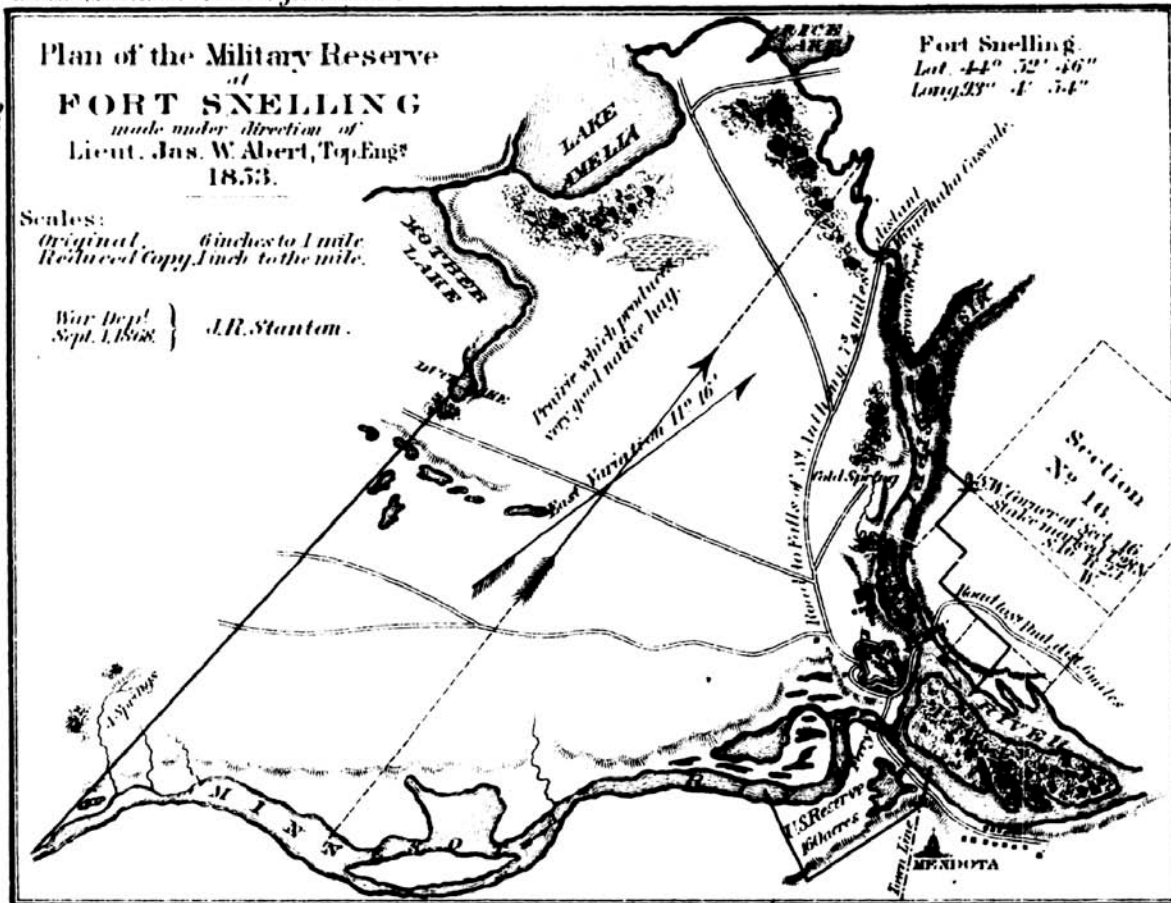
U. S. E. Doc. No. 9. 40th Cong. 3rd Sess.

Plan of the Military Reserve  
at  
**FORT SNELLING**  
made under direction of  
Lieut. Jas. W. Abert, Top. Eng.  
1853.

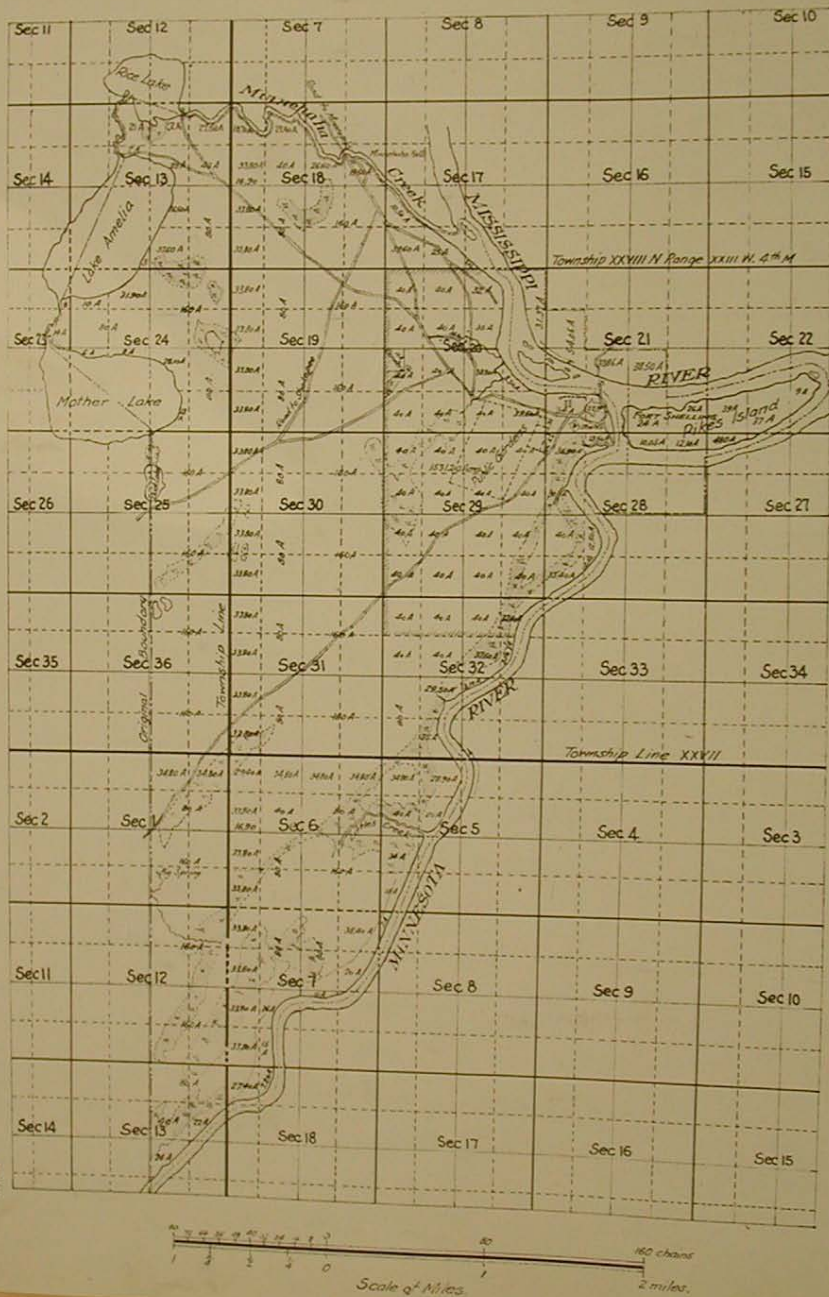
Scales:  
Original, 6 inches to 1 mile  
Reduced Copy, 1 inch to the mile.

War Dep't }  
Sept. 1. 1858 } J. R. Stanton.

Fort Snelling.  
Lat. 44° 52' 46"  
Long. 93° 4' 54"

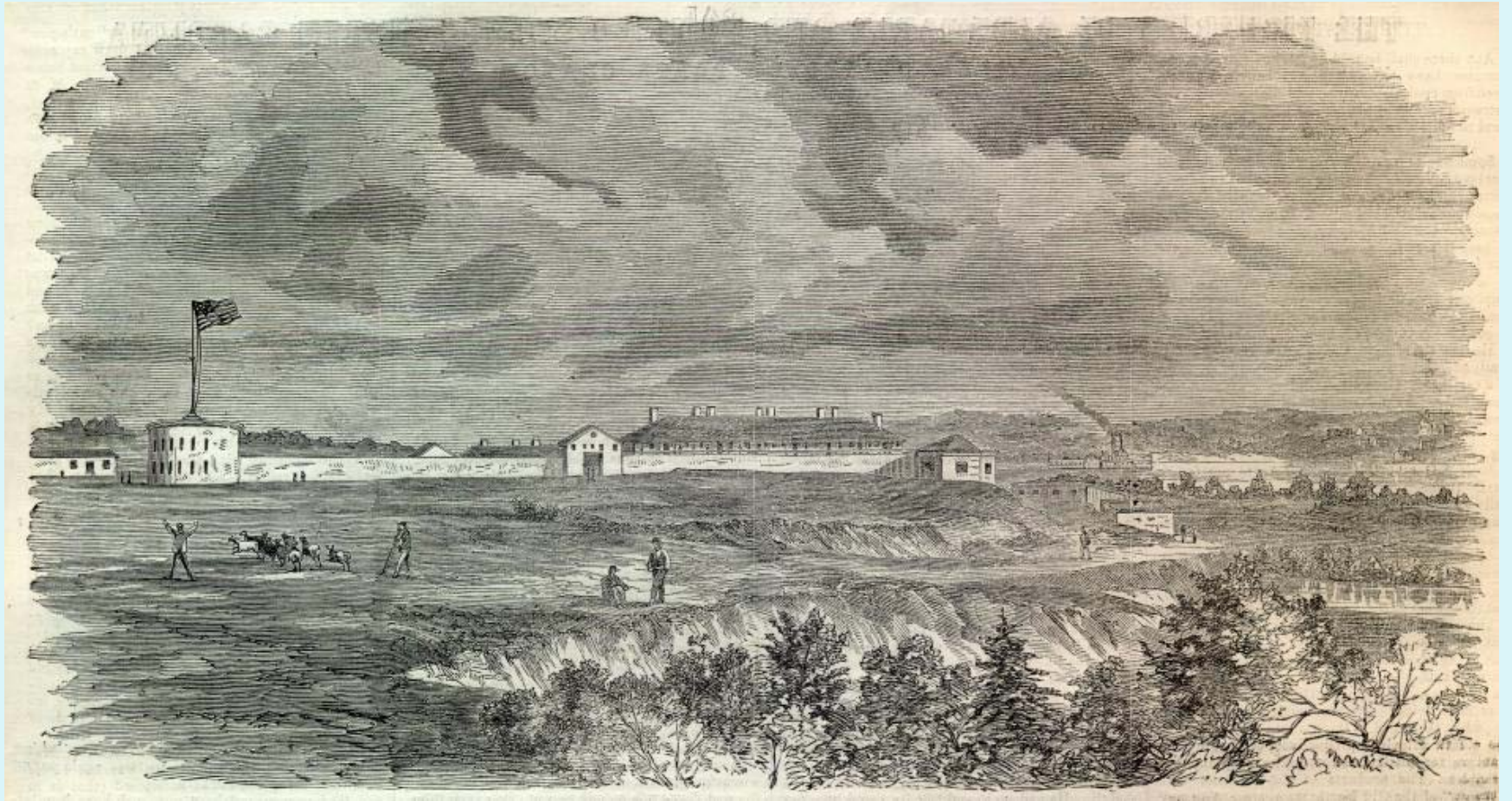


Bowen & Childs Philad.



1931 plat book showing Seth Eastman's 1857 division of the Reduced Military Reservation – no field notes

# Harper's Weekly 1861



**The End**