Minnesota Natural Resources Department: Environmental Assessment Files Regarding State Parks

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Version 3
August 20, 2018

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MINNESOTA VALLEY COOPERATIVE LIGHT & POWER ASSOCIATION

501 SOUTH FIRST STREET
MONTEVIDEO, MINNESOTA 56265

PHONE 612-269-8813

4 June, 1980

Mr. R.D. Hultengren, Adm.
Minn. Dept. of Natural Resources
Bureau of Land
658 Cedar Street
St. Paul, MN 55101

Gentlemen:

Enclosed is a copy of the Environmental Aspects of Proposed Construction Items for the years 1980 - 1981 by Minnesota Valley Cooperative Light and Power Association of Montevideo, MN.

In the enclosed material, there are listed various proposed projects. These various projects are needed for system growth and system reliability.

This proposed work plan is referred to your agency to determine if any conflicts with your agency are possible and what steps are to be taken to alleviate them.

We will away your reply; and, if no reply is received from your office within thirty (30) days, we will assume there is no conflict with your agency and we will proceed further according to plan.

Thank you.

RECEIVED
JUN 6 1980
LAND BUREAU
Dept. of Natural Resources
Adm__ Sls__ Acq__
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Very truly yours,

MINNESOTA VALLEY COOPERATIVE
LIGHT AND POWER ASSOCIATION

Willard E. Freeman

Willard E. Freeman, Manager

WEF:sg
Enclosures

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JUN 6 1980
BUREAU OF
PLANNING

ENVIRONMENTAL ASPECTS OF PROPOSED CONSTRUCTION ITEMS AS OUTLINED IN THE 1980-1981 CONSTRUCTION WORK PLAN

Minnesota Valley Cooperative Light and Power Association
Montevideo, Minnesota 56265

Minnesota 39 Chippewa
AE4 Loan

Prepared For and By
Willard E. Freeman
Manager

Minnesota Valley Cooperative Light and Power Association
June 1, 1980

Consultant
Luthard Molde
Montevideo, Minnesota

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A. Description of Proposed Project

The proposed Minnesota Valley Cooperative Light and Power Association, 1980, 1981 work plan includes the replacement and conversion of approximately 38.5 miles of 7.2/12.4 KV and some conversion to 14.4/24.9. The largest amount of installations will be buried underground. It will be necessary, in some installations, to install certain areas overhead.

The underground electrical rating will be either 25 KV 4/0 or 1/0 aluminum conductor, or 15 KV 4/0 or 1/0 aluminum. Cable will consist of concentric layed copper neutral conductors on the outside dimension of the cable. The proposed method of installation will be with a vibrator cable plow either a rubber tired self-propelled unit or cat-crawler self-propelled unit. The minimum installation depth will be 42 inches below established grade level. In all cases, it is planned to install the new installations on private right-of-ways, along established state and county highways, and township roads. Easements from private land owners will be obtained.

B. Necessity of Construction

The installation of the above project is necessary to increase capacity of the system to sufficiently carry peak loads through the fall of 1980 and 1981, 1982 for the present 5500 consumers, and anticipated 6000 consumers in 1983.

The construction work plan is based on current voltage guide lines as established by Rural Electrification Administration and in accordance with R.E.A. Bulletin No. 60-10.

Should the above proposed construction not be pursued, the results would be low voltage at various locations throughout the Minnesota Valley Cooperative Light and Power Association's service area.

Also, the possibility of not being able to shift loads from one substation source to another, to minimize outage time resulting from equipment malfunction or natural disturbances to the electrical system would occur.

C. Special Measures Taken To Protect The Environment

It is the established policy of Minnesota Valley Cooperative Light and Power Association's Board of Directors to replace wherever possible, existing overhead lines because of inadequate capacity, or; whenever possible, lines that are deteriorated and depreciated to be replaced with underground rural distribution lines.

Underground rural distribution lines enhance the natural beauty of southwestern Minnesota's area by removing the clutter of overhead lines and aesthetically improving the locale.

Underground rural distribution lines minimize the need for continuous right-of-way maintenance, tree trimming, tree removal, and spraying with herbicides; and they improve service reliability.

It is also the policy to install initial underground rural distribution lines wherever possible, with provision to accommodate higher future voltage to minimize the need for replacement because of capacity inadequacy.

The governing body and other environmental agencies are being contacted by an introductory letter and accompanying environmental statement.

The agencies contacted are as follows:

1. Minnesota Historical Society
2. United States Department of the Interior (fish & wild life)
3. United States Department of Agriculture, Soil Conservation Service
4. Department of the Army, Corps of Engineers
5. Minnesota Department of Natural Resources
6. Minnesota Department of Transportation
7. Chippewa County Historical Society
8. Yellow Medicine County Historical Society
9. Lac Qui Parle County Historical Society
10. Lyon County Historical Society
11. Lyon County Highway Engineer
12. Lac Qui Parle County Highway Engineer
13. Chippewa County Highway Engineer

D. Location of Historical Sites

If unknown archeological sites, locations or objects are discovered, the construction will be halted at the site until the historical societies have the opportunity to assess the site and determine future action. All known sites will be avoided and alternate routes for placing the cable will be explored.

E. Description of Individual Items and Environment

Item No. 1 - Yellow Medicine County - Sioux Agency Township.
Township 114N, Range 38W, Sections 6,7,18,19,20.
Renville County - Hawk Creek Township.
Township 115N, Range 38W, Sections 17, 20, 29, 32.

Commencing at SW corner of Section 20, Township 114N, Range 38W, proceeding north to NW corner of Section 20, Township 114N, Range 38W, proceeding north to NE corner of Section 19, Township 114N, Range 38W, still proceeding north to SW corner of Section 18, Township 114N, Range 38W, proceeding north paralleling existing township road on east edge of Sections 18, 7, 6 to a point in the NE corner of Section 6, Township 114N, Range 38W, proceed to SW corner of Section 32 of Township 115N, Range 38W, proceed north paralleling existing township road on the west edge of Sections

32, 29, 20 of Township 115N, Range 38W, project to terminate in SW corner of Section 17, Township 115N, Range 38W.

The plan is to install a three phase underground circuit, 15 KV 4/0 URD conductor and remove overhead line, single phase, two conductors #4 ACSR. Installation of underground conductor will be installed in private right-of-way paralleling existing township road. Easements will be obtained from land owners. The area traversed is agricultural and state park land. (See attached sketch page 13.)

Item No. 2 - Renville County - Hawk Creek Township.
Township 115N, Range 38W, Section 17.

Commencing at SW corner of Section 17, Township 115N, Range 38W, proceed east to the SW corner of Section 17, Township 115N, Range 38W, proceed north from the SW corner of Section 17, Township 115N, Range 38W, to a point approximate ¼ mile north on east side of Section 17. Project will terminate at this point.

The plan is to install a single phase, 15 KV underground feeder circuit. Wire size will be 1/0 URD conductor and will parallel existing township road on private right-of-way, on which private easements will be obtained. The area traversed is agricultural. (See attached sketch page 13.)

Item No. 3 - Chippewa County - Sparta Township.
Township 117N, Range 40W, Section 26.

Commencing at the SW corner of Section 26, Township 117N, Range 40W, proceeding west to the SW corner of Section 26, Township 117N, Range 40W, turn north and proceed approximately ¼ mile attaching to Minnesota Valley Co-op's existing line. New circuit will parallel existing township road.

The plan is to install a 1/0 URD single phase feeder circuit paralleling existing township road on private right-of-way on which easements will be obtained. (See attached sketch page 14.)

Item No. 4 - Yellow Medicine County - Hazel Run Township.
Township 115N, Range 40W, Section 18.

Commencing at the SE corner of Section 18, Township 115N, Range 40W, proceeding west, paralleling existing road, to the SW corner of Section 18, Township 115N, Range 40W.

The plan is to install a single phase 1/0 URD feeder circuit paralleling existing roadway. New circuit will be installed on private right-of-way on which private easements will be obtained. The area is agricultural. (See attached sketch page 15.)

Item No. 5 - Yellow Medicine County - Friendship Township.
Township 115N, Range 41W, Section 25.

Commencing at the NW corner of Section 25, proceeding south to the SW corner of Section 25, Township 115N, Range 41W. New project to parallel existing roadway on the western edge of Section 25.

The plan is to install overhead aerial feeder circuit, consisting of a 2 wire, 7200V, pole mounted circuit. Conductor size will be #2 ACSR. The area traversed is agricultural. (See attached sketch page 15.)

Item No. 6 - Yellow Medicine County - Lisbon Township.
Township 116N, Range 41W, Sections 24, 25, 26.

Commencing at the SW corner of Section 24, Township 116N, Range 41W, proceed south to the NW corner of Section 25, Township 116N, Range 41W, then proceed south along the west side of Section 25 to the SW corner of Section 25, Township 116N, Range 41W.

The plan is to install three phase, 4/0 underground feeder citcuit. The project will parallel the existing county road and be on private right-of-way. Private easements will be obtained. The area traversed is agricultural land. (See attached sketch page 16.)

Item No. 7 - Yellow Medicine County - Lisbon Township.
Township 116N, Range 41W, Sections 23, 26.

Commencing in the NE corner of Section 26, Township 116N, Range 41W, proceed north to the SE corner of Section 23, Township 116N, Range 41W, then proceed west paralleling the existing township road to the SW corner of Section 23.

The plan is to install a single phase feeder circuit. The circuit is to be 1/0 underground conductor. The circuit will be installed on the south side of Section 23 on private right-of-way. Private easements will be obtained. Area traversed is agricultural. (See attached sketch page 16.)

Item No. 8 - Lyon County - Lucas Township.
Township 113N, Range 40W, Sections 13, 23, 24, 26.

Commencing in the NW corner of Section 13, Township 113N, Range 40W, proceeding south 1 mile along existing township road to NW corner of Section 24, Township 113N, Range 40W, proceeding west 1 mile to NW corner of Section 23, Township 113N, Range 40W, proceeding south 1 mile along and parallel to existing township road to the NW corner of Section 26, Township 113N, Range 40W.

The plan is to install a three phase underground feeder circuit, 4/0 URD conductor and remove 2 phase #4 ACSR, 15 KV overhead line, along and parallel to the west side of Section 13, the north side of Section 23, and also the west edge (1 mile) of Section 23, Township 113N, Range 40W. Private easements will be obtained. Area traversed is agricultural. (See attached sketch page 17.)

Item No. 9 - Chippewa County - Leenthrop Township.
Township 117N, Range 39W, Sections 34, 35.

Commencing at the SW corner of Section 34, Township 117N, Range 39W, proceeding west to SE corner of Section 33, Township 117N, Range 39W, proceeding west 1 mile along and parallel to existing township road to SE corner of Section 33, Township 117N, Range 39W.

The plan is to install 1 mile of overhead construction feeder circuit consisting of 1 - 1/0 phase and 1 - #4 neutral ACSR. The circuit will be along and parallel to existing township road. Private easements will be

obtained. Area traversed is agricultural. (See attached sketch page 18.)

Item No. 10 - Chippewa County - Havelock Township.
Township 118N, Range 39W, Section 24.
Chippewa County - Crate Township.
Township 118N, Range 38W, Sections 17, 18.

Commencing at the NE corner of Section 24, Township 118N, Range 39W, proceed in a northeasterly direction to the SW corner of Section 18, Township 119N, Range 38W, proceed east 1 mile along and parallel to the existing county road to the SW corner of Section 17, Township 118N, Range 38W.

The plan is to install a three phase URD feeder circuit, 250 MLM UD conductor. The installation is planned on private right-of-way along and paralleling the existing county road. Easements will be obtained from the private parties. The area traversed is agricultural. (See attached sketch page 19.)

Item No. 11 - Chippewa County - Havelock Township.
Township 118N, Range 39W, Sections 8, 17.

Commencing at SE corner of Section 17, Township 118N, Range 39W, proceeding north along and parallel to the existing township road to the SW corner of Section 8, Township 118N, Range 39W, and proceeding north approximately ½ mile.

The plan is to install a single phase feeder circuit. Circuit to be 15 KV aerial, conductor size to be 1/0 primary ACSR and #4 ACSR neutral. The installation of the feeder circuit will be on private right-of-way. Easements will be obtained from land owners. Area traversed is agricultural. (See attached sketch page 19.)

Item No. 12 - Chippewa County - Mandt Township.
Township 119N, Range 40W, Sections 29, 32.

Commencing at the NE corner of Section 32, Township 119N, Range 40W, proceeding north to the SE corner of Section 29, Township 119N, Range 40W, proceeding north along and paralleling the existing roadway for ½ mile.

The plan is to install a single phase URD feeder circuit, 15 KV, 1/0 URD conductor. Circuit to be installed along and parallel to existing roadway. Easements will be obtained from land owners. Area traversed is agricultural. (See attached sketch page 20.)

Item No. 13 - Lac Qui Parle County - Lac Qui Parle Township.
Township 118N, Range 42W, Section 24.

Commencing at the NW¼ of Section 24, Township 118N, Range 42W, proceed east following established property division line, install three phase feeder circuit, 15 KV, 4/0 URD conductor, proceeding in easterly direction to the NE corner of Section 24, Township 118N, Range 42W.

The plan is to install a three phase feeder circuit, 15 KV, 4/0 URD conductor. The installation is planned along and parallel to established property line. Private easements will be obtained from the private land owners. The area traversed is partly agricultural and partly wooded and recreational. (See attached sketch page 21.)

Item No. 14 - Lac Qui Parle County - Riverside Township.
Township 117N, Range 43W, Sections 4,5,8,9.

Commencing in the SW corner of Section 8, Township 117N, Range 43W, proceeding east along and paralleling existing township road, proceed to the SE corner of Section 8, Township 117N, Range 43W, proceed north 1 mile along and parallel to existing established county road to the SE corner of Section 5, Township 117N, Range 43W, proceed east 1 mile to the SE corner of Section 4, Township 117, Range 43W, following along and parallel to existing established county road.

The plan is to install a three phase, URD feeder circuit, 15 KV, 1/0 URD conductor and remove a single phase overhead circuit along the south side of Section 8, Township 117N, Range 43W and remove a single phase circuit on the

north side of Section 9, Township 117N, Range 43W. The conductors on the removals will be 1 - #4 ACSR phase 1 - #4 ACSR neutral. Private easements will be obtained from the land owners. Area traversed is agricultural. (See attached sketch page 22.)

Item No. 15 - Lac Qui Parle County - Riverside Township.
Township 117N, Range 43W, Sections 2,3.

Commencing in the SW¼ of Section 2, proceed west approximately 0.8 tenths of a mile along and paralleling the existing established county road as much as possible.

The plan is to install a single phase pole mounted feeder circuit, 15 KV aerial construction, conductors will be 1 - 1/0 ACSR primary and 1 - #4 ACSR neutral. Circuit will be installed along and paralleling the existing county road as much as possible. Private easements will be obtained from land owners. Area traversed is wooded. (See attached sketch page 22.)

Item No. 16 - Lac Qui Parle County - Cerro Gordo Township.
Township 118N, Range 43W, Section 34.

Commencing at the SW corner of Section 34, Township 118N, Range 43W, proceed north 1 mile to the NW corner of Section 34. Township 118N, Range 43W. Circuit to be installed along and parallel to the existing road way.

The plan is to install single phase, URD feeder circuit, 15 KV, 1/0 URD conductor. Circuit to be along and parallel to existing road on private right-of-way. Easements will be obtained from the land owners. The area traversed is agricultural. (See attached sketch page 22.)

Item No. 17 - Yellow Medicine County - Tyro Township.
Township 115N, Range 42W, Sections 7,8,9.

Commencing at SW corner of Section 9, Township 115N, Range 42W, proceeding west for two miles to the SW corner of Section 7.

The plan is to install a two phase URD feeder circuit, 15 KV, 1/0 URD conductor and remove a single phase overhead circuit existing on the same right-of-way. The installation is planned along and parallel to the existing township road, easements will be obtained from land owners. Area traversed is agricultural. (See attached sketch page 23.)

Item No. 18 - Lac Qui Parle County - Garfield Township.
Township 117N, Range 45W, Sections 17,28,29,30.

Commencing at the SW corner of Section 30, Township 117N, Range 45W, proceeding east for four miles. Installation to end at the SE corner of Section 27, Township 117N, Range 25W.

The plan is to install a three phase URD feeder circuit, 15 KV, 1/0 URD conductor and remove a single phase #4 ACSR overhead circuit existing on the same right-of-way. Installation is planned along and parallel to existing township road. Installation to be on private right-of-way, on which easements will be obtained. Area traversed is partly agricultural and some wooded. (See attached sketch page 24.)

Item No. 19 - Lac Qui Parle County - Hammer Township.
Township 115N, Range 45W, Sections 8,17,21.

Commencing at the SE¼ of Section 8, Township 115N, Range 45W, proceed south to the SW¼ of Section 17, Township 115N, Range 45W.

The plan is to install a single phase 15 KV, 1/0 URD feeder circuit along and parallel to the existing township road. Installation will be on private right-of-way. Easements will be obtained from the land owners. Area traversed is agricultural. (See attached sketch page 25.)

Item No. 20 - Lac Qui Parle County - Hammer Township.
Township 115N, Range 45W, Section 21.

Commencing at the SW corner of Section 17, Township 115N, Range 45W, proceed east to the SE corner of Section 17, Township 115N, Range 45W.

The plan is to install single phase aerial overhead feeder circuit. Feeder circuit planned is 15 KV, #2 ACSR primary and neutral. Installation is planned along and parallel to existing township road, installation is planned to be installed on private right-of-way on which easements will be obtained. Area traversed is agricultural. (See attached sketch page 25.)

Item No. 21 - Yellow Medicine County - Oshkosh Township.
Township 115N, Range 44W, Section 20.

Commencing at the SW corner of Section 20, Township 115N, Range 44W, proceed east 0.4 mile along and parallel to existing road.

The plan is to install a single phase URD feeder circuit, 15 KV, 1/0 URD conductor. The installation will be on private right-of-way on which easements will be obtained. Area traversed is agricultural. (See attached sketch page 26.)

Item No. 22 - Yellow Medicine County - Omro Township.
Township 115N, Range 43W, Section 10.

Commencing at the SW corner of Section 10, Township 115N, Range 43W, proceed north 0.75 of a mile to the NW¼ of Section 10, Township 115N, Range 43W.

The plan is to install a single phase URD feeder circuit, 15 KV, 1/0 URD conductor. Installation will be on private right-of-way, along and parallel to existing road. Easements will be obtained. Area traversed is agricultural. (See attached sketch page 27.)

Item No. 23 - Yellow Medicine County - Omro Township.
Township 115N, Range 43W, Section 16.

Commencing at the SW¼ of Section 16, Township 115N, Range 43W, proceed south to the SW corner of Section 16, proceed east .03 of a mile.

The plan is to install a single phase URD feeder circuit, 15 KV, 1/0 conductor. Installation is planned to be on private right-of-way along and parallel to existing road. Easements will be obtained from land owners. Area traversed is agricultural. Footage length of installation is 0.6 of a mile. (See attached sketch page 27.)

Item No. 24 - Lyon County - Westerheim Township.
Township 113N, Range 42W, Sections 9-15.

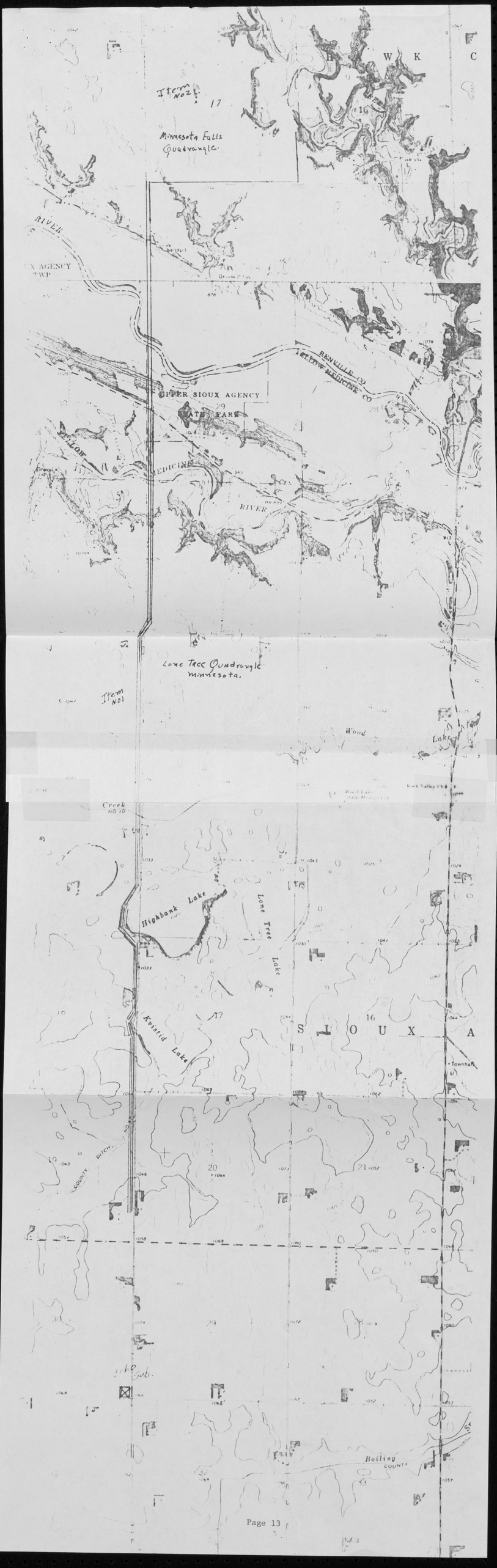
Commencing at the NE corner of Section 9, Township 113N, Range 42W, proceeding south 1 mile to the SW corner of Section 9, Township 113N, Range 42W, proceed to the NW corner of Section 15, Township 113N, Range 42W, proceed south one mile to the SW corner of Section 15, Township 113N, Range 42W.

The plan is to install a single phase overhead feeder circuit, 1/0 ACSR overhead conductor. The installation plan is to install along and parallel to an established land division boundry on extreme east side of Section 9, Township 113N, Range 42W. Installation in Section 15 will be along and parallel to existing township road south for one mile. Installation will be on private right-of-way, and easements will be obtained from land owners. Area traversed is agricultural. (See attached sketch page 28.)

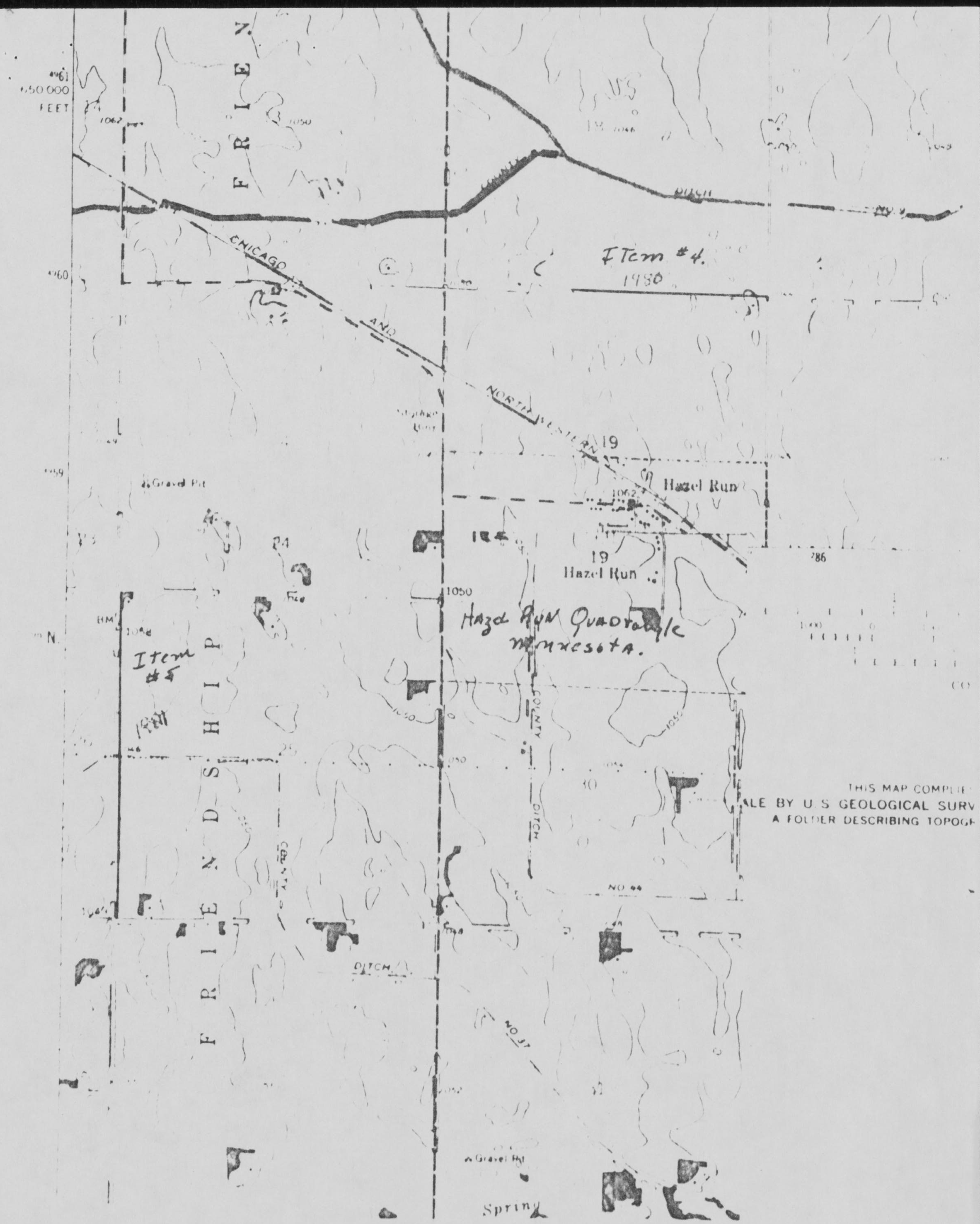
Item No. 25 - Lyon County - Westerheim Township.
Township 113N, Range 42W, Section 27.

Commencing at the NW corner of Section 27, Township 113N, Range 42W, proceed south for one mile to the SW corner of Section 27, Township 113N, Range 42W.

The plan is to install a single phase overhead feeder circuit, 15 KV, 1/0 ACSR overhead conductor. Installation will be on private right-of-way along and parallel to existing township road. Easements will be obtained. Area traversed is agricultural. (See attached sketch page 28.)


Item No 2
Minnesota Falls Quadrangle
RIVER
AGENCY TWP
UPPER SIOUX AGENCY
STATE PARK
RENVILLE CO
YELLOW MEDICINE CO
YELLOW MEDICINE
RIVER
Lone Tree Quadrangle Minnesota.
Item No 1
Wood Lake
Creek
Highbank Lake
Lone Tree Lake
Kristid Lake
SIOUX
Townhall
COUNTY DITCH
Boiling
COUNTY

Montevideo Quadrangle
state of minnesota
chippewa county.
S P A R T A
Gravel Pit
Gravel Pit
DITCH
NO. 36A
COUNTY
School No 2
Black Oak La
Cem
Gravel Pit
Gravel Pit.
CHICAGO
MILWAUKEE
ST PAUL
AND
PACIFIC
Strombeck Cem
Gravel Pit
Item No3
1970
MINNESOTA
RIVER
Wegdal
Creek


FRIEN
FRIEN
SHIP
CHICAGO
AND
NORTHWESTERN
Hazel Run
Hazel Run
Item #4.
1980
Item #5
Hazel Run Quadrangle
Minnesota.
COUNTY
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Gravel Pit
Spring
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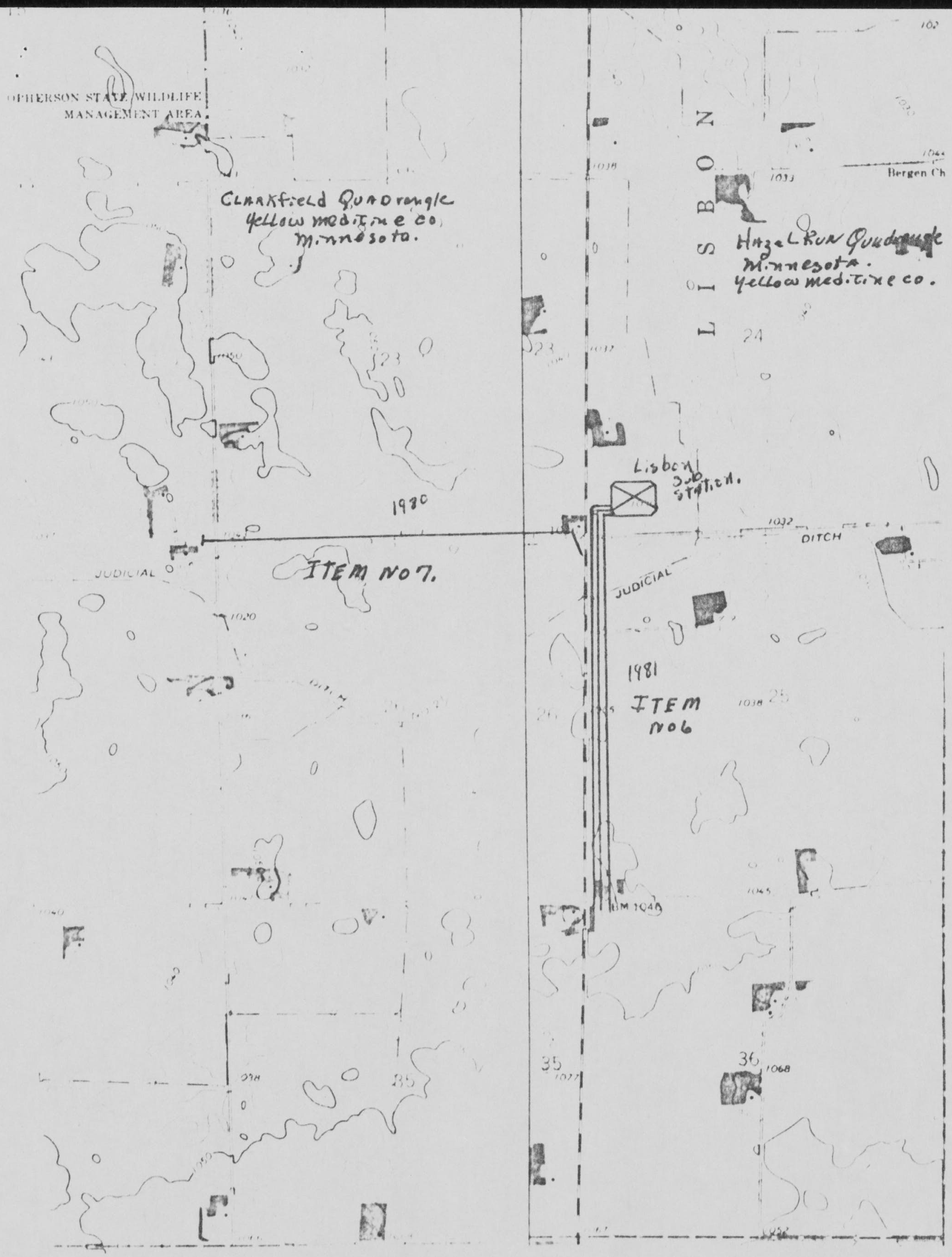
OPHERSON STATE WILDLIFE
MANAGEMENT AREA
Clarkfield Quadrangle
Yellow Medicine Co.
Minnesota.
1980
ITEM NO 7.
JUDICIAL
LISBON
Hazel Run Quadrangle
Minnesota.
Yellow Medicine Co.
Bergen Ch
Lisbon Sub Station.
DITCH
JUDICIAL
1981
ITEM NO 6
BM 1048
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35
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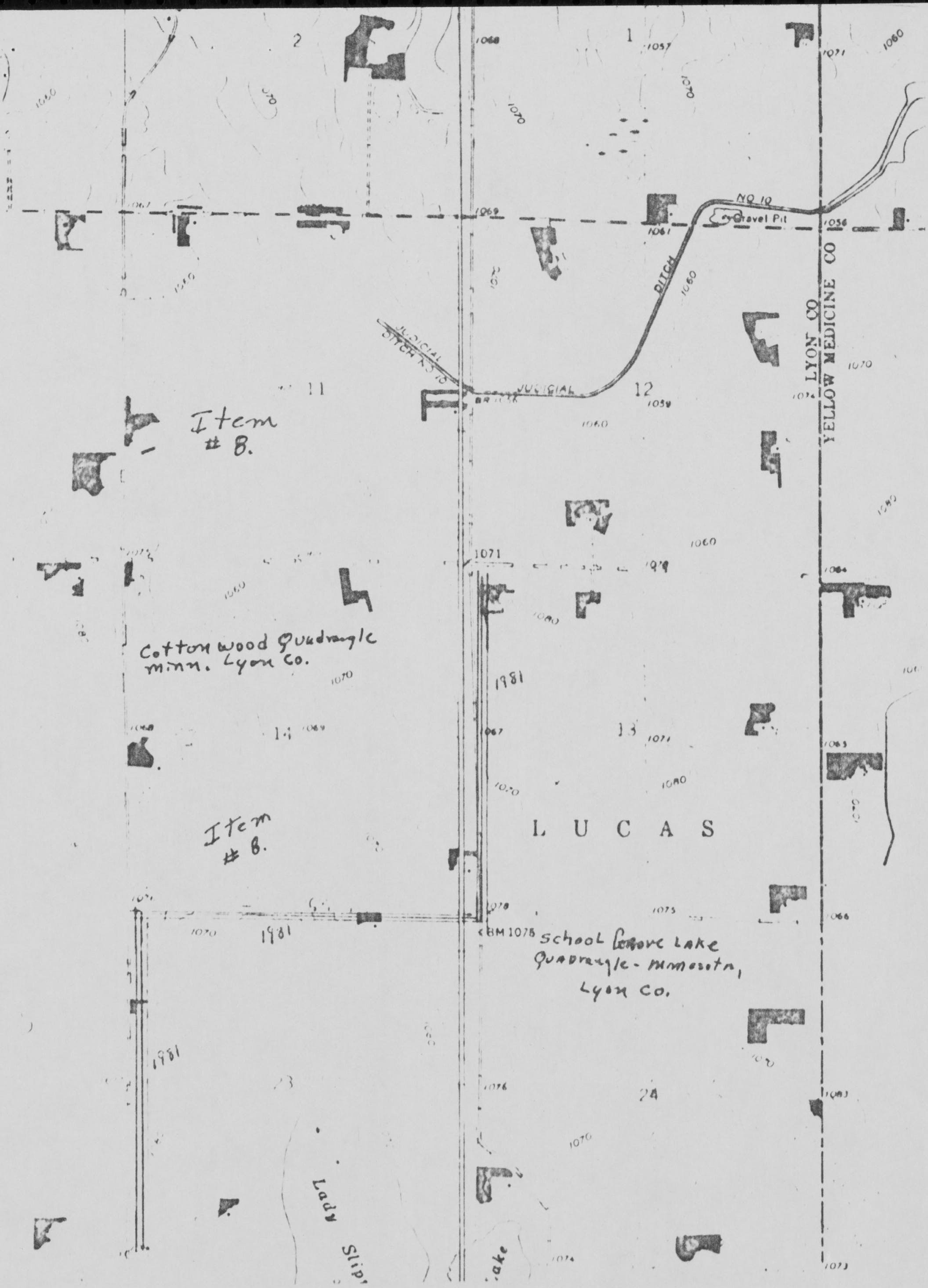
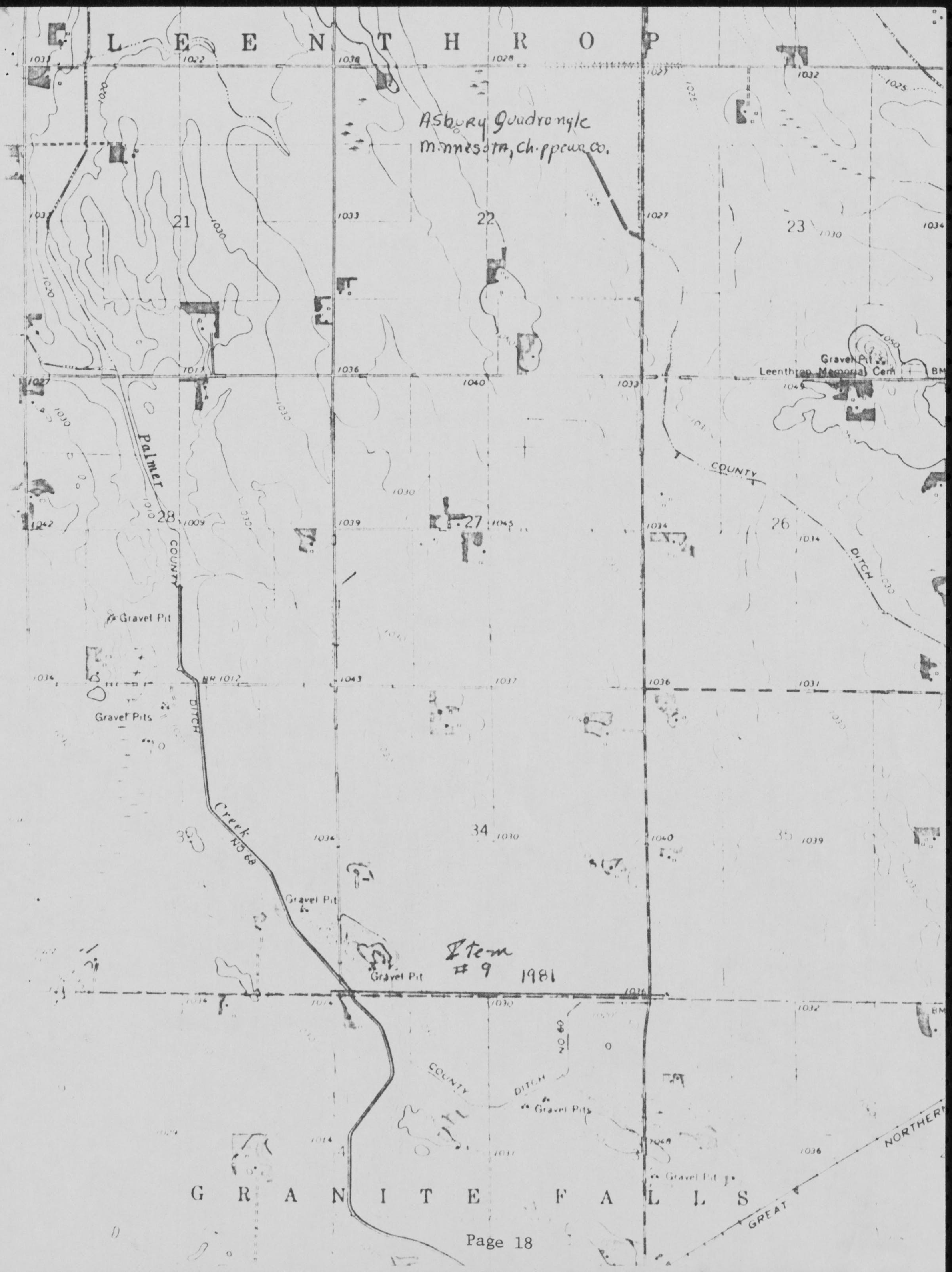
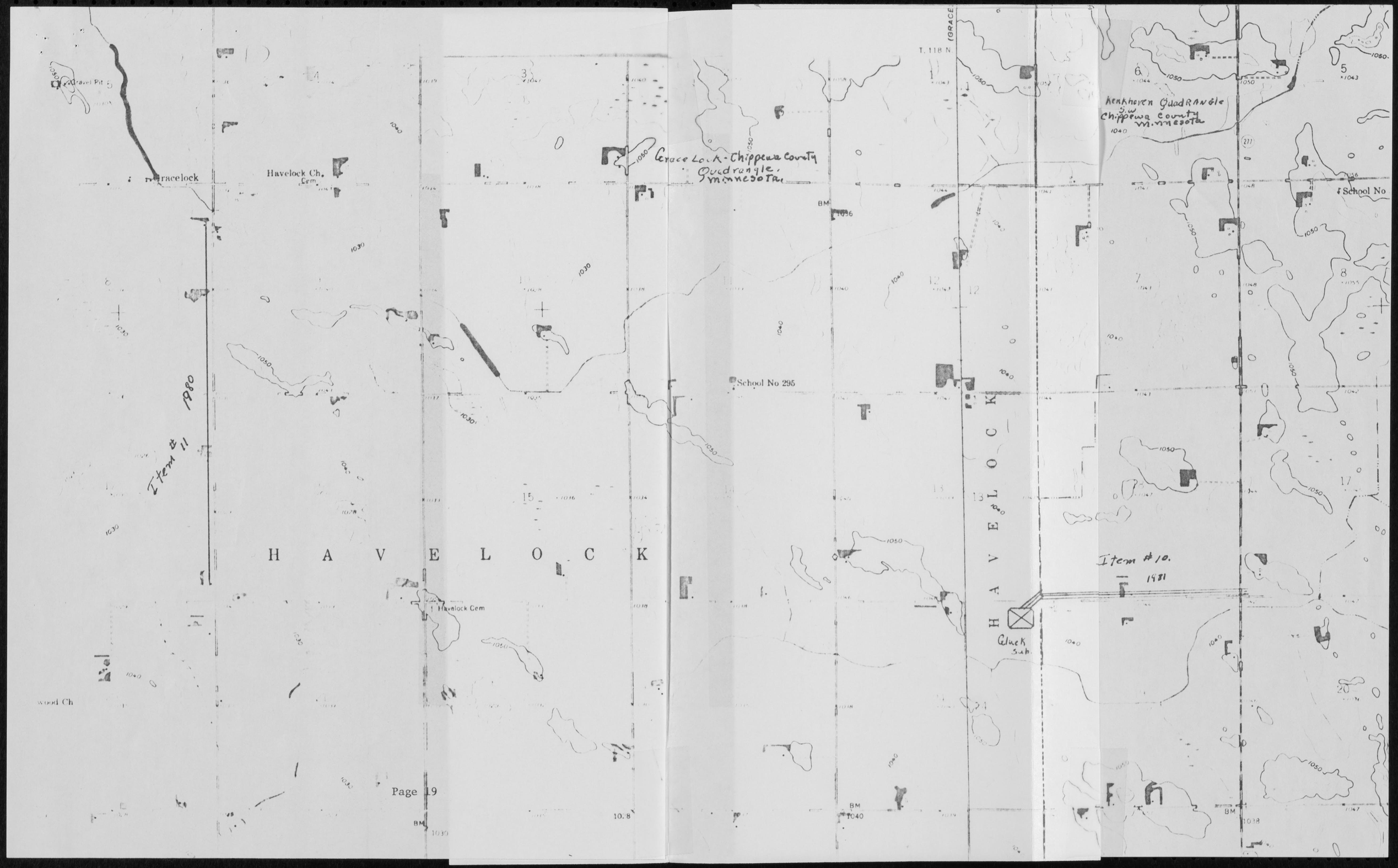

YELLOW MEDICINE CO
LYON CO
NO 10
Gravel Pit
DITCH
JUDICIAL
DITCH NO 10
JUDICIAL
Item # 8.
Cottonwood Quadrangle
Minn. Lyon Co.
Item # 8.
L U C A S
BM 1078
School Grove Lake
Quadrangle - Minnesota,
Lyon Co.
Lady Slip


LEENTHROP
Asbury Quadrangle
Minnesota, Chippewa Co.
21
22
23
26
27
28
34
35
Palmer
COUNTY
DITCH
Creek No 68
Gravel Pit
Gravel Pits
Leenthrop Memorial Cem
BM
Item #9 1981
GRANITE FALLS
GREAT NORTHERN


Gravel Pit 5
Graceloock
Havelock Ch.
Cem.
Grace Lock - Chippewa County
Quadrangle.
Minnesota
T. 118 N.
(GRACE
Kerkhoven Quadrangle
S.W.
Chippewa County
Minnesota
School No
School No 295
Item #11
1980
H A V E L O C K
1 Havelock Cem
Item #10.
1981
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19
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M A
Grace Lock Quadrangle
Minnesota S.W.
Chippewa County.
30
29
School No 294
28
Item No 12.
1980.
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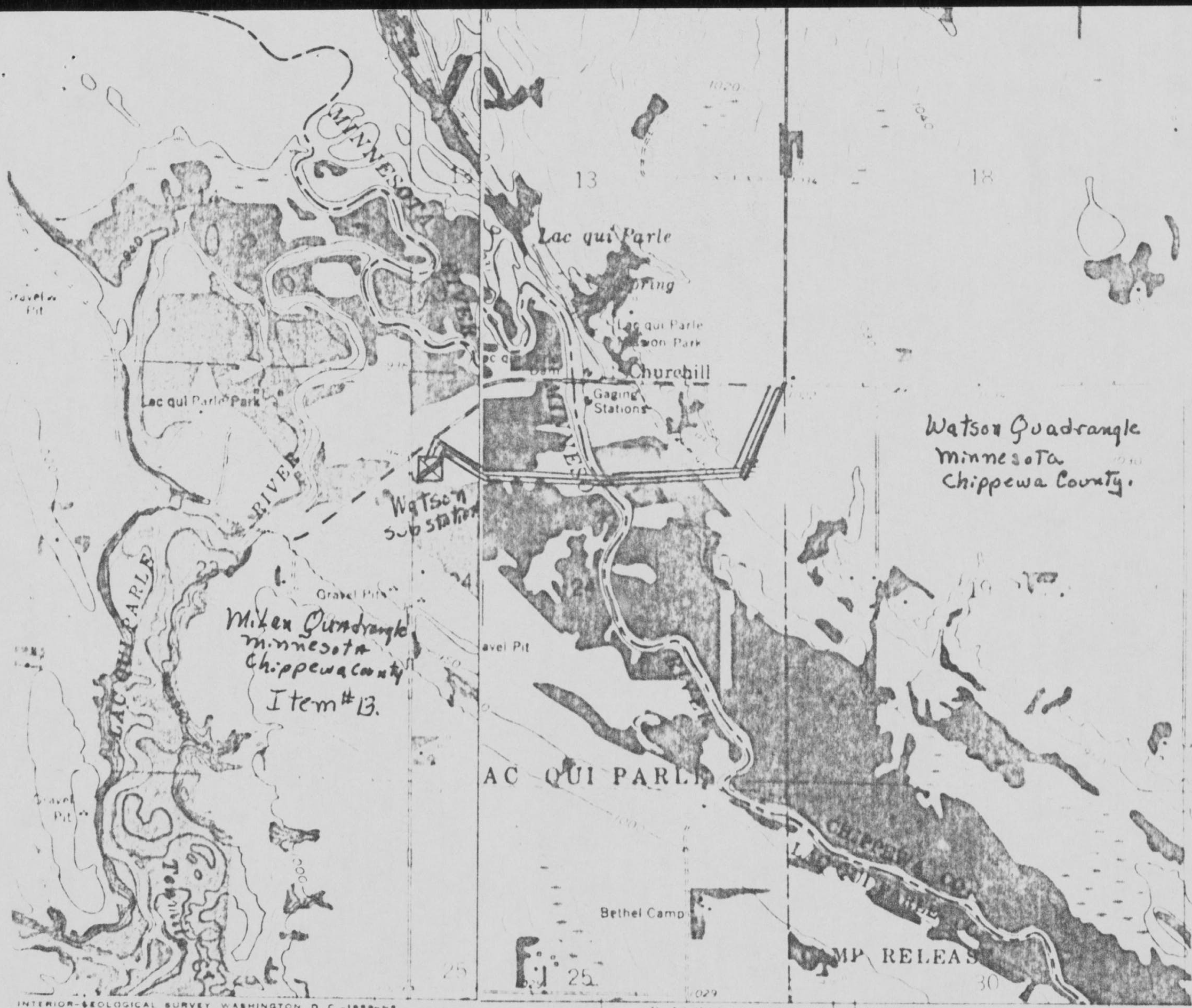


ROAD CLASSIFICATION

...vy duty	———	Light duty
...ium duty	— — —	Unimproved dirt
U. S. Route		State Route

...oped, edited, and published by the Geological Survey

...rol by USGS, USC&GS, USCE, and Minnesota State
...way Department

...graphy from aerial photographs by photogrammetric methods
by planetable surveys 1958. Aerial photographs
n 1956–1957

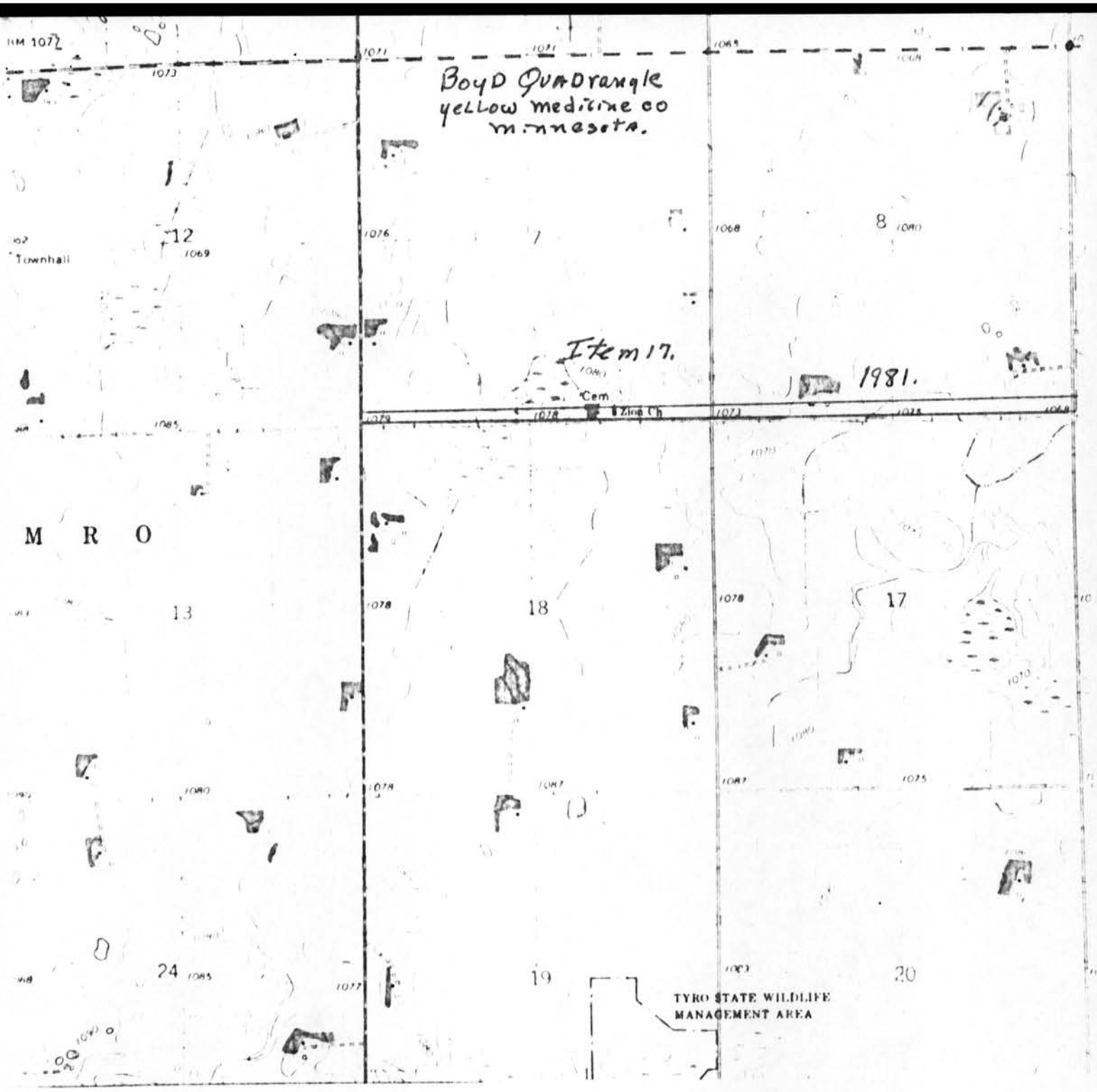
conic projection. 1927 North American datum
...00-foot grid based on Minnesota coordinate system, south zone
0-meter Universal Transverse Mercator grid ticks,
15, shown in blue

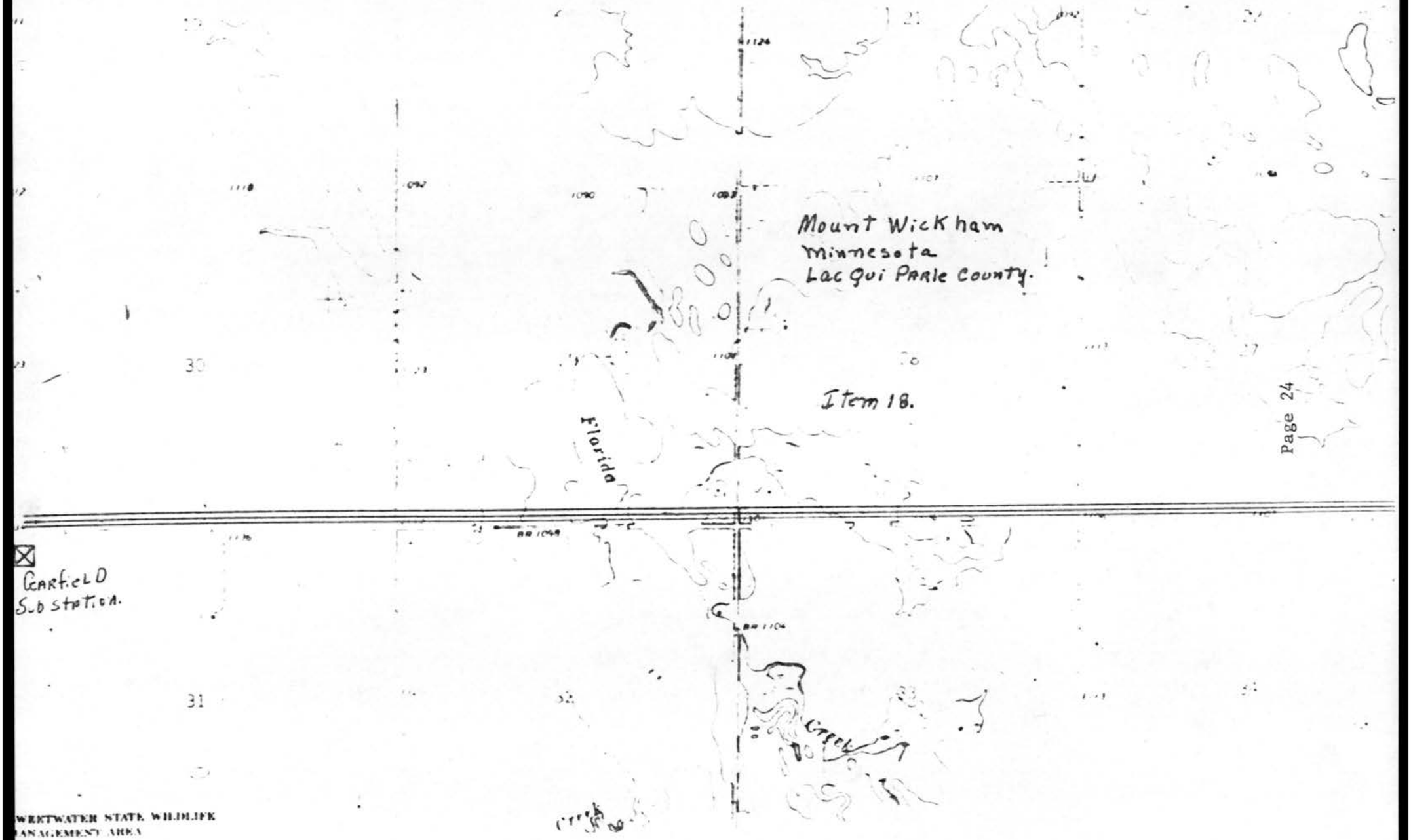
MILAN, MINN.

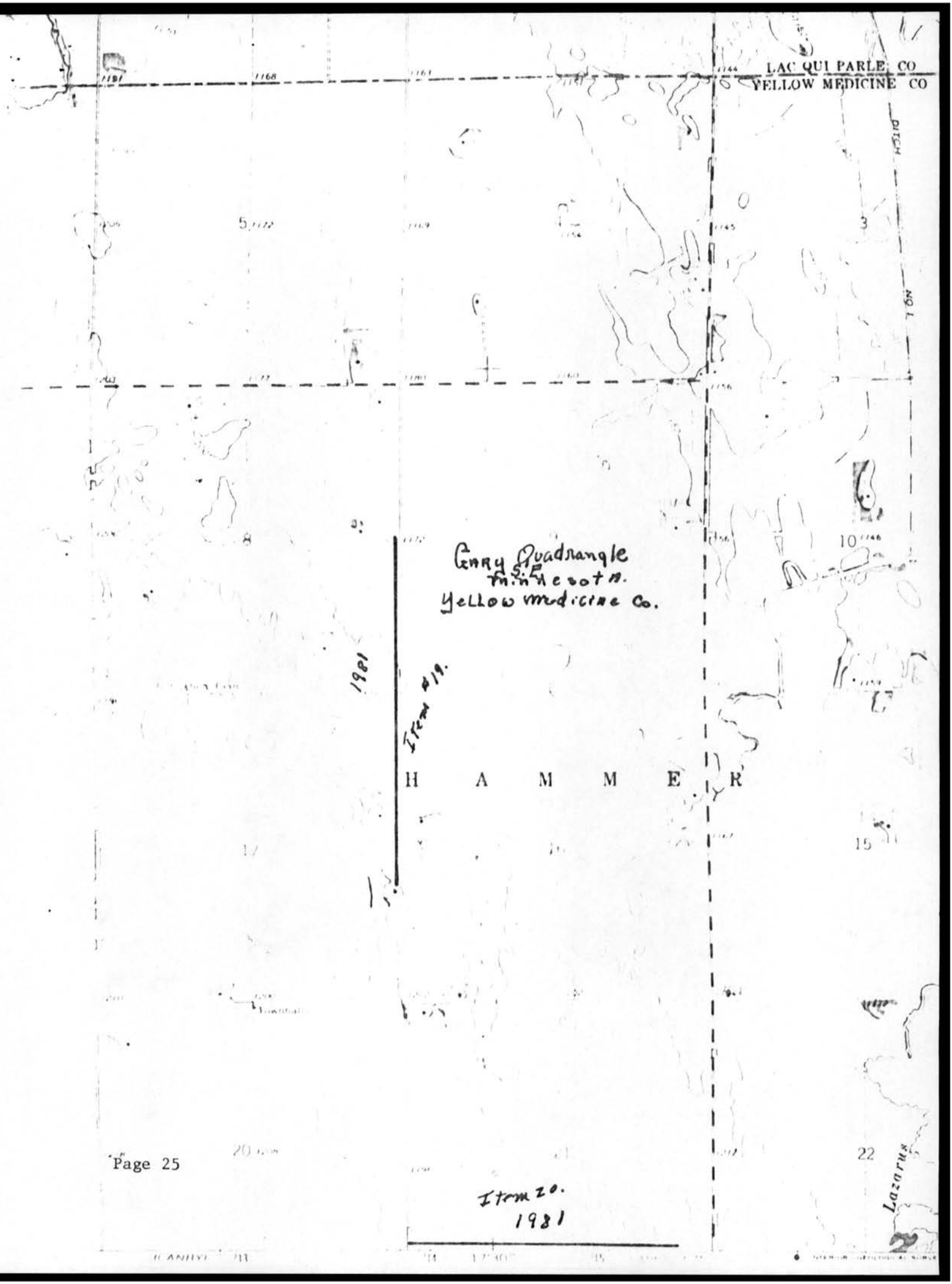
N4500—W9552.5/7.5

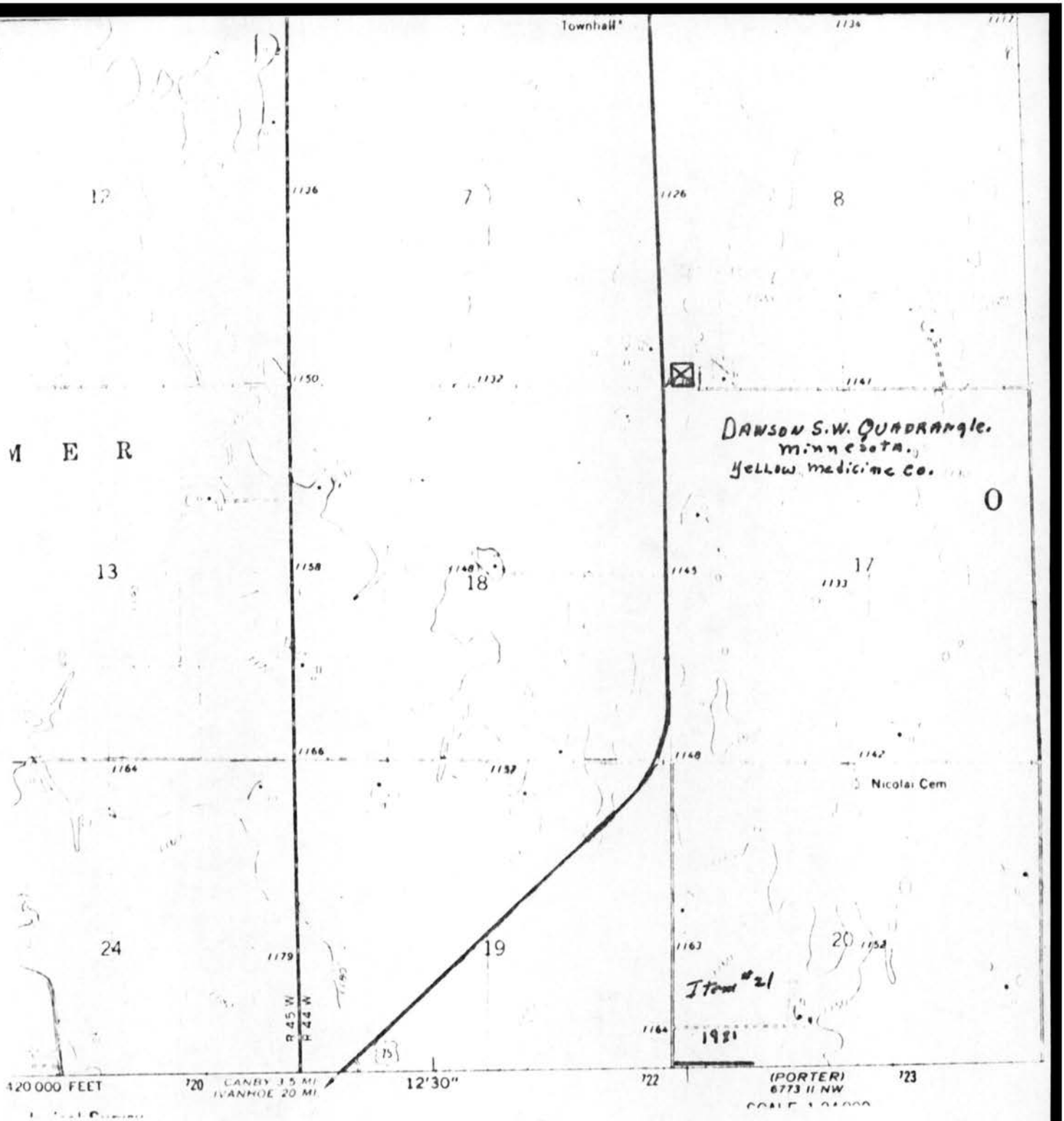
1958

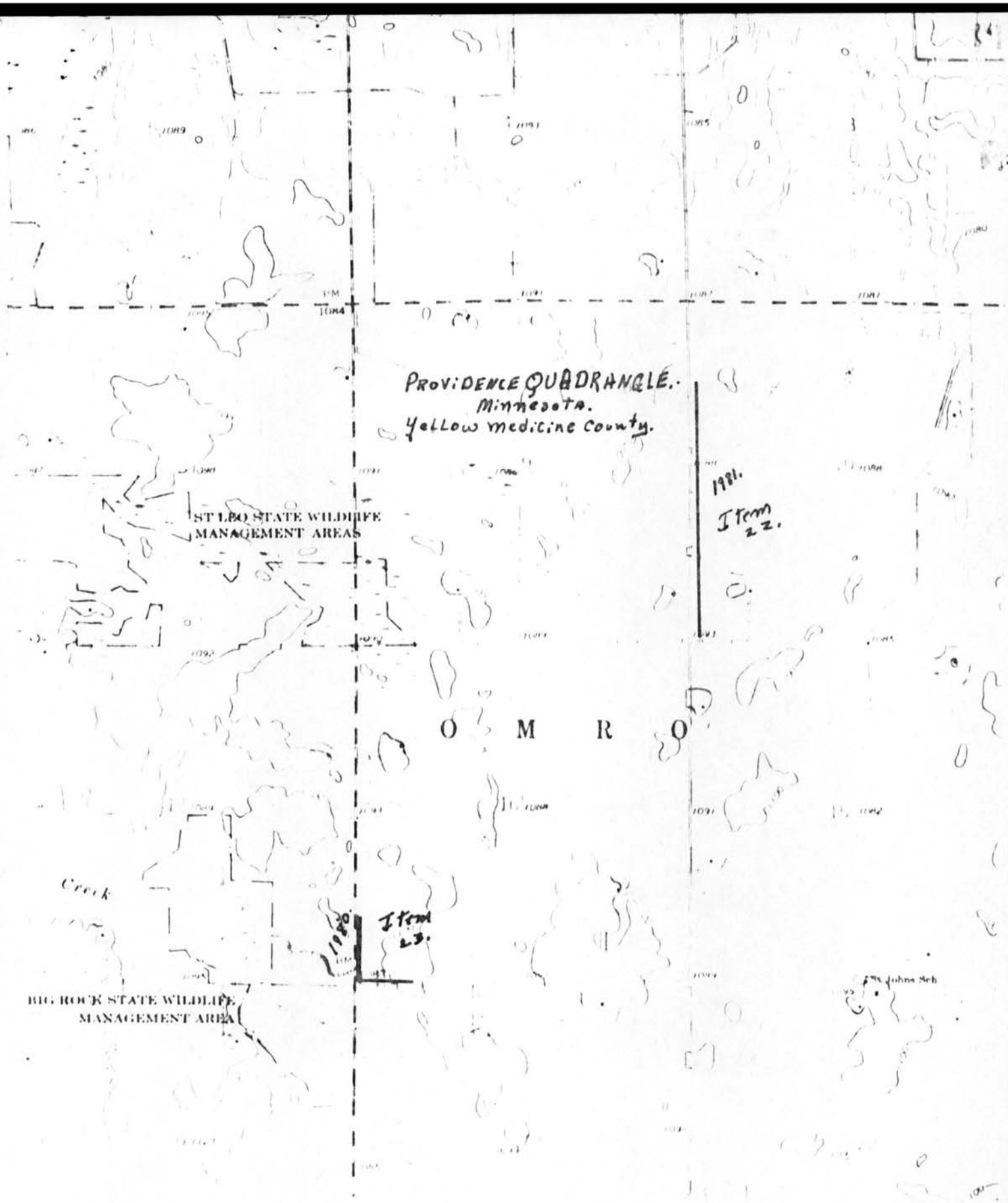
DAWSON QUADRANGLE
Minnesota. Lac Qui Parle Co
1981.
Item #16.
DITCH
COUNTY
NO 27
RIVER
730 000 FEET
Item #15
QUI
PARLE
LAC
1981
Item No 14
1981
Gravel Pit
R I V E R S I D E
1981.
Dawson
Gravel Pit
Cemetery
Sewage Disposal
57'30"

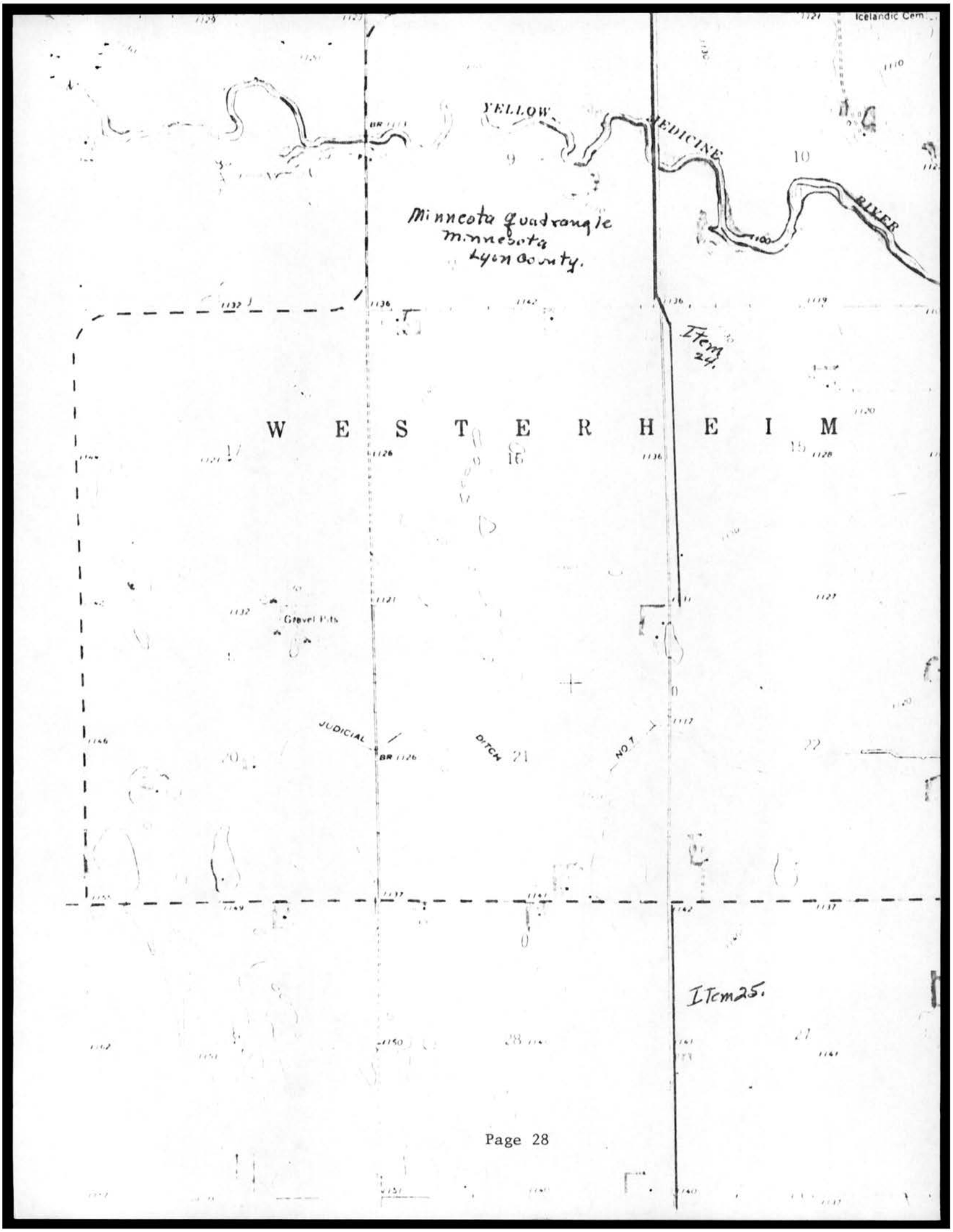

Boyd Quadrangle
yellow medicine co
minnesota.
Item 17.
1981.
Townhall
Cem
Zion Ch
M R O
12
8
13
18
17
24
19
20
TYRO STATE WILDLIFE
MANAGEMENT AREA


Mount Wickham
Minnesota
Lac Qui Parle County.
Item 18.
Florida
Garfield
Sub station.
Creek
Creek
WRETWATER STATE WILDLIFE
MANAGEMENT AREA


LAC QUI PARLE CO
YELLOW MEDICINE CO
DITCH
NO. 1
5
3
8
10
15
17
20
22
Canby Quadrangle
Minnesota.
Yellow Medicine Co.
1981
Item #19.
H A M M E R
Item 20.
1981
Lazarus


Townhall
DAWSON S.W. QUADRANGLE.
Minnesota.
Yellow Medicine Co.
Nicolai Cem
Item #21
1981
420 000 FEET
CANBY 3.5 MI
IVANHOE 20 MI
12'30"
(PORTER)
6773 II NW


PROVIDENCE QUADRANGLE.
Minnesota.
Yellow Medicine County.
1981.
Item 22.
ST LEO STATE WILDLIFE
MANAGEMENT AREAS
O M R O
Creek
Item 23.
BIG ROCK STATE WILDLIFE
MANAGEMENT AREA
St Johns Sch


Icelandic Cem.
YELLOW
MEDICINE
RIVER
9
10
Minnesota Quadrangle
Minnesota
Lyon County.
Item 24.
W E S T E R H E I M
16
15
Gravel Pits
JUDICIAL
DITCH
NO. 7
BR 1126
21
22
20
Item 25.
28
27

Check out with DSP
AT STAFF

UPPER SIOUX ELECTRIC LINE CONCERNS
SCAR - EXISTING & FUTURE VEGITATION
EROSION CONST + FOREVER!
IS THIS REALLY BEST LOCATION?
STREAM CROSSING - HELP FROM WATERS. SHOULD BE UNDER.
CLEARING COULD BE ON LINE FOR BOUNDRY
POSTING
WHAT'S EXACT LOCATION?
ANY AIR PHOTO?
OVER HEAD ON HIGHWAY ONLY TILL - LINE
IN PARK IS BURYED!

612 - 564-4777

stream Crossing

rock not possible to remove

no prob with veg. once it is buried

Depth 42" min.

no cat

~~on~~ vibrator plow

done by fall

4 or 3 feet

MORRIS BEHRMAN, Pres.
Wood Lake

MARVIN SKOGRAND, V.P.
Montevideo

ABNER BORAAS, Treas.
Appleton

STANLEY JACOBSON, Sec.
Maynard

MINNESOTA VALLEY COOPERATIVE LIGHT & POWER ASSOCIATION

501 SOUTH FIRST STREET
MONTEVIDEO, MINNESOTA 56265

PHONE 269-8813

DIRECTORS:
IRVING ANDERSON, Clarkfield
DARRIS KOMPELIEN, Cottonwood
DONALD SUNDIN, Dawson

EDDIE H. LAKE, Manager

May 7, 1980

Chas
for your attention
5/8/80

Rec'd
MAY - 8 1980
D.N.R. New Ulm

Mr. Maynard Nelson R.D.
Dept. of Natural Resources
Box 756
New Ulm, Mn 56073

Mr. Maynard Nelson:

After talking with Dick Tjosaas in regards to an easement in the State Park for the power line we are planning to install, he told me I should send you an easement and a sketch to show you just where this power line would be buried and also where the overhead span crossing the river and Highway 67 crossings will be made. I want to assure you that this line is needed to give good service to the people in this area including the State Park.

Enclosed are the easements for the underground and the overhead power lines. Would you please sign and return these easements to REC. You may keep the yellow copy for your reference.

Thank you very kindly.

Jim Erickson

Jim Erickson

JE/jw

Enclosures

Call when feels decide

RECEIVED
MAY 12 1980
Dept. of Natural Resources
Div. of Parks & Recreation

MINNESOTA VALLEY COOPERATIVE
LIGHT AND POWER ASSOCIATION
Montevideo, Minnesota

RIGHT OF WAY EASEMENT Map Number _____

KNOW ALL MEN BY THESE PRESENTS, That the undersigned, _____ _____ for a good and valuable consideration, the receipt whereof is hereby acknowledged, do__ hereby grant unto the MINNESOTA VALLEY COOPERATIVE LIGHT AND POWER ASSOCIATION, whose post office address is MONTEVIDEO, MINNESOTA, and to its successors or assigns, the right to enter upon the lands of the undersigned, situated in the County of _____, State of Minnesota, and more particularly described as follows:

Section 29 Twp. 115 Range 38

Section _____ Twp. _____ Range _____

Legal Description: The S.W. ¼ of Section 29 - 115 - 38

Install a overhead span across the Yellow Medicine River with a power pole on the North side with (2) anchors to the North in State Park.
Also install a overhead span across highway #67 with a power pole and (2) anchors on the South side and a power pole and (2) anchors on the North side of Highway #67 in exisitng power line in State Park.

See attached sketch.

and to place, construct, operate, repair, maintain, relocate and replace thereon and in or upon all streets, roads or highways abutting said lands an electric transmission or distribution lines or system, and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric line or system, and to cut down from time to time all dead, weak, leaning or dangerous trees that are tall enough to strike the wires in falling.

The easement hereby granted includes an easement for a clear zone above 14 feet over said premises and extending ten feet (10') to either side of any electric lines constructed thereon which zone shall be for the exclusive use of Minnesota Valley Cooperative Light and Power Association, its successors and assigns, and shall be free from intrusion by vehicles, equipment or structures of any kind.

In granting this easement it is understood that at pole locations, only a single pole and appurtenances will be used, and that the location of the poles will be such as to form the least possible interference to farm operations, so long as it does not materially increase the cost of construction.

This Instrument Was Drafted By
MINNESOTA VALLEY COOPERATIVE
LIGHT AND POWER ASSOCIATION
Montevideo, Minnesota

The undersigned agree that all poles, wires and other facilities, including any service drop on the above-described lands at the Association's expense shall remain the property of the Association, removable at the option of the Association upon termination of service to or on said lands.

The undersigned covenant_ that _he_ _____ the owner_ of the above described lands and that said lands are free and clear of incumbrances and liens of whatsoever character except those held by the following persons:

_____

_____

It is further understood that, whenever necessary, words used in this instrument in the singular shall be construed to read in the plural and that words used in the masculine gender shall be construed to read in the feminine.

IN WITNESS WHEREOF, the undersigned have hereunto set _____ hand_ this _____ day of _____, 19___.

Signed, sealed and delivered in
the presence of:

WITNESS: _____ X_____

WITNESS: _____ _____

WITNESS: _____ _____

WITNESS: _____ _____

STATE OF MINNESOTA)
) SS.
COUNTY OF Yellow Medicine)

On this _____ day of _____, 19____, before me, a Notary Public within and for said County, personally appeared _____ _____ to me known to be the person_ described in and who executed the foregoing instrument, and acknowledged that _he_ executed the same as _____ free act and deed.

_____
Notary Public

_____County, _____
My Commission Expires:_____

MINNESOTA VALLEY COOPERATIVE LIGHT AND POWER ASSOCIATION
Montevideo, Minnesota

RIGHT OF WAY EASEMENT

Map Number _____

KNOW ALL MEN BY THESE PRESENTS, That we the undersigned, _____ for a good and valuable consideration, the receipt whereof is hereby acknowledged, do ____ hereby grant unto MINNESOTA VALLEY COOPERATIVE LIGHT and POWER ASSOCIATION, whose post office address is MONTEVIDEO, MINNESOTA, a perpetual right-of-way over and across & easement in the land hereinafter described for the purpose of clearing, trenching for, laying, constructing, maintaining, replacing and repairing underground power cables, lines, conduits, pedestals and other appurtenances for the said MINNESOTA VALLEY COOPERATIVE LIGHT and POWER ASSOCIATION, said land lying and being in the County of Yellow Medicine and State of Minnesota, and more particularly described as follows:

Legal Description

Section 29 Twp. 115 Range 38

Section _____ Twp. _____ Range _____

The S.W. ¼ of Section 29 - 115 - 38
Install a 3 phase underground power line along the west side of
Section 29 - 115 - 38 in the middle of old roadbed. See attached sketch.

Grantors, their heirs, executors, administrators, successors, and assigns hereby covenant to and with the MINNESOTA VALLEY COOPERATIVE LIGHT and POWER ASSOCIATION, that their officers agents or employees may at any and all times, when necessary or convenient to do so, go over and upon said described land and do and perform any and all acts necessary or convenient to carrying into effect the purposes for which this grant is made; that grantors shall not disturb, injure, molest, or in any manner interfere with any materials or equipment used or to be used in, over or upon said described premises; that grantors and each of them shall be governed by and comply with all of the covenants of this grant and also all of the rules and regulations that may hereafter from time to time be made or adopted by the MINNESOTA VALLEY COOPERATIVE LIGHT and POWER ASSOCIATION or its proper officers for the management, operation or control of the electric power distribution system so far as the same may be applicable; and, that no permanent structures will be placed or maintained over power cable upon said above described premises. It is further understood that, whenever necessary, words used in this instrument in the singular shall be construed to read in the plural and that words used in the masculine gender shall be construed to read in the feminine.

IN WITNESS WHEREOF, the undersigned ha___ hereunto set _____ hand__ this _____ day of _____, 19___.

Signed, sealed and delivered in the presence of:

WITNESS: _____ X _____ (L.S.)

WITNESS: _____ _____ (L.S.)

WITNESS: _____ _____ (L.S.)

WITNESS: _____ _____ (L.S.)

STATE OF MINNESOTA)
COUNTY OF Yellow Medicine) SS.

On this _____ day of _____ 19___, before me, a notary public within & for said County, personally appeared _____ to me known to the person___ described in and who executed the foregoing instrument, and acknowledged that ___he___ executed the same as _____ free act and deed.

_____

Notary Public _____ County _____
My Commission Expires _____

"This instrument was drafted by
MINNESOTA VALLEY COOPERATIVE
LIGHT and POWER ASSOCIATION
Montevideo, Minnesota."

MINNESOTA VALLEY COOPERATIVE LIGHT AND POWER ASSOCIATION
Montevideo, Minnesota

RIGHT OF WAY EASEMENT

Map Number _____

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Section **29** Twp. **115** Range **38**

Legal Description

Section_____ Twp._____ Range_____

The S.W. ¼ of Section 29 - 115 - 38
Install a 3 phase underground power line along the west side of
Section 29 - 115 - 38 in the middle of old roadbed. See attached sketch.

Grantors, their heirs, executors, administrators, successors, and assigns hereby covenant to and with the MINNESOTA VALLEY COOPERATIVE LIGHT and POWER ASSOCIATION, that their officers agents or employees may at any and all times, when necessary or convenient to do so, go over and upon said described land and do and perform any and all acts necessary or convenient to carrying into effect the purposes for which this grant is made; that grantors shall not disturb, injure, molest, or in any manner interfere with any materials or equipment used or to be used in, over or upon said described premises; that grantors and each of them shall be governed by and comply with all of the covenants of this grant and also all of the rules and regulations that may hereafter from time to time be made or adopted by the MINNESOTA VALLEY COOPERATIVE LIGHT and POWER ASSOCIATION or its proper officers for the management, operation or control of the electric power distribution system so far as the same may be applicable; and, that no permanent structures will be placed or maintained over power cable upon said above described premises. It is further understood that, whenever necessary, words used in this instrument in the singular shall be construed to read in the plural and that words used in the masculine gender shall be construed to read in the feminine.

IN WITNESS WHEREOF, the undersigned ha___ hereunto set_____ hand__ this _____ day of _____, 19___.

Signed, sealed and delivered in the presence of:

WITNESS: _____ **X** _____ (L.S.)

WITNESS: _____ _____ (L.S.)

WITNESS: _____ _____ (L.S.)

WITNESS: _____ _____ (L.S.)

STATE OF MINNESOTA)
COUNTY OF **Yellow Medicine**) SS.

On this _____ day of _____ 19___, before me, a notary public within & for said County, personally appeared _____ to me known to the person___ described in and who executed the foregoing instrument, and acknowledged that ___he___ executed the same as _____ free act and deed.

_____

"This instrument was drafted by
MINNESOTA VALLEY COOPERATIVE
LIGHT and POWER ASSOCIATION
Montevideo, Minnesota."

Notary Public _____ County_____
My Commission Expires _____

upper 5041X

ADMIN 1000 (Rev. 1/78)

STATE OF MINNESOTA

Office Memorandum

DEPARTMENT Natural Resources - Parks & Rec.

TO : Frank Knoke
Environmental Specialist

DATE: 31 May 1979

FROM : Ed Brekke-Kramer
Resource Coordinator, Reg. 1V

PHONE: 354-2196

SUBJECT: Food Plots in Region 1V State Parks

The table below includes information on all parks in need of food plots this year and Sibley, which is still leasing, and Blue Mounds, where a problem may develop in the near future.

Population reports that I had been getting from managers were only actual aerial count figures. I have included a 35% increase to the fixed-wing aerial winter counts, based on the fixed-wing, rotary-wing, and collared counts made at Lac Qui Parle refuge. The Lac Qui Parle data indicates that fixed-wing counts are about 50% less than actual herd numbers. Since the cover at Lac Qui Parle is heavier than at our State Parks, fixed-wing counts for the parks should be closer than 50%.

The number of deer sustained per acre (deer/acre) has been determined for the period 1 Dec. to 31 Mar. I have added a 50% acreage increase for the period 1 Oct. to 1 Dec. I have also added a 25% acreage increase to allow for usage by other animals. These additions should provide food after 1 Feb., when many food plots were clean last year.

The Lac Qui Parle acreage should not be used, or should be used only in small fields of about 8 acreas or less. Large fields invite the goose flocks and nothing will remain for the winter. Both the park manager and the game managers would be happy with two 8 acre plots and supplemental feeding.

'Hunter days of recreation' is based, in part, on data from 1976 which was considered a low hunter pressure year, and is therefore a low estimate.

cc: Charlie Mitchell

	Fixed-wing counts	+35%	Deer/acre for corn	Basic acreage	+50%	+25%	Area serviced, mi^2	Hunter days of recreation	ACRES PLANTED
Shetek	247	333	13.4	24.8	37.2	46.5	150	1056	40
Sibley	104	140	12.7	11.0	16.5	20.6	28	287	3 year lease agreement
Flandrau	134	181	14.9	12.1	18.2	22.7			22
Upper Sioux Agency	200	270	11.9	22.7	34.0	42.5	75	390	30
Camden	250	338	13.4	25.2	37.8	47.2	190	1157	30
Kilen Woods	114	154	13.4	11.5	17.2	21.6	175	581	6
Traverse des Sioux	43	58	14.9	3.9	5.8	7.3	80	390	— 6
Blue Mounds	118	159	13.4	11.9	17.8	22.2	75	299	—
Lac Qui Parle	200	270	11.9	22.7	34.0	42.5	75	468	16

need maps
" acreage planted