

bckgrnd.c39

ENGINEERS REPORT
TO THE
BOARD OF MANAGERS OF THE
MIDDLE RIVER SNAKE RIVER WATERSHED DISTRICT

BACKGROUND REPORT
MARSHALL COUNTY DITCH #39

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT
WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND
THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MINNESOTA.

Registration Number _____ Date _____

A) INTRODUCTION

This report concerning County Ditch #39 is prepared under the direction of the Board of Managers of the Middle River-Snake River Watershed District. The intent of this report is to provide information needed by the Board to manage this system. The information presented here is summary of the information concerning County Ditch #39 as it existed prior to the Board of Managers obtaining jurisdiction of this system on December 20, 1983. The location of the drainage system and the area found to be benefited is shown in figure 1.

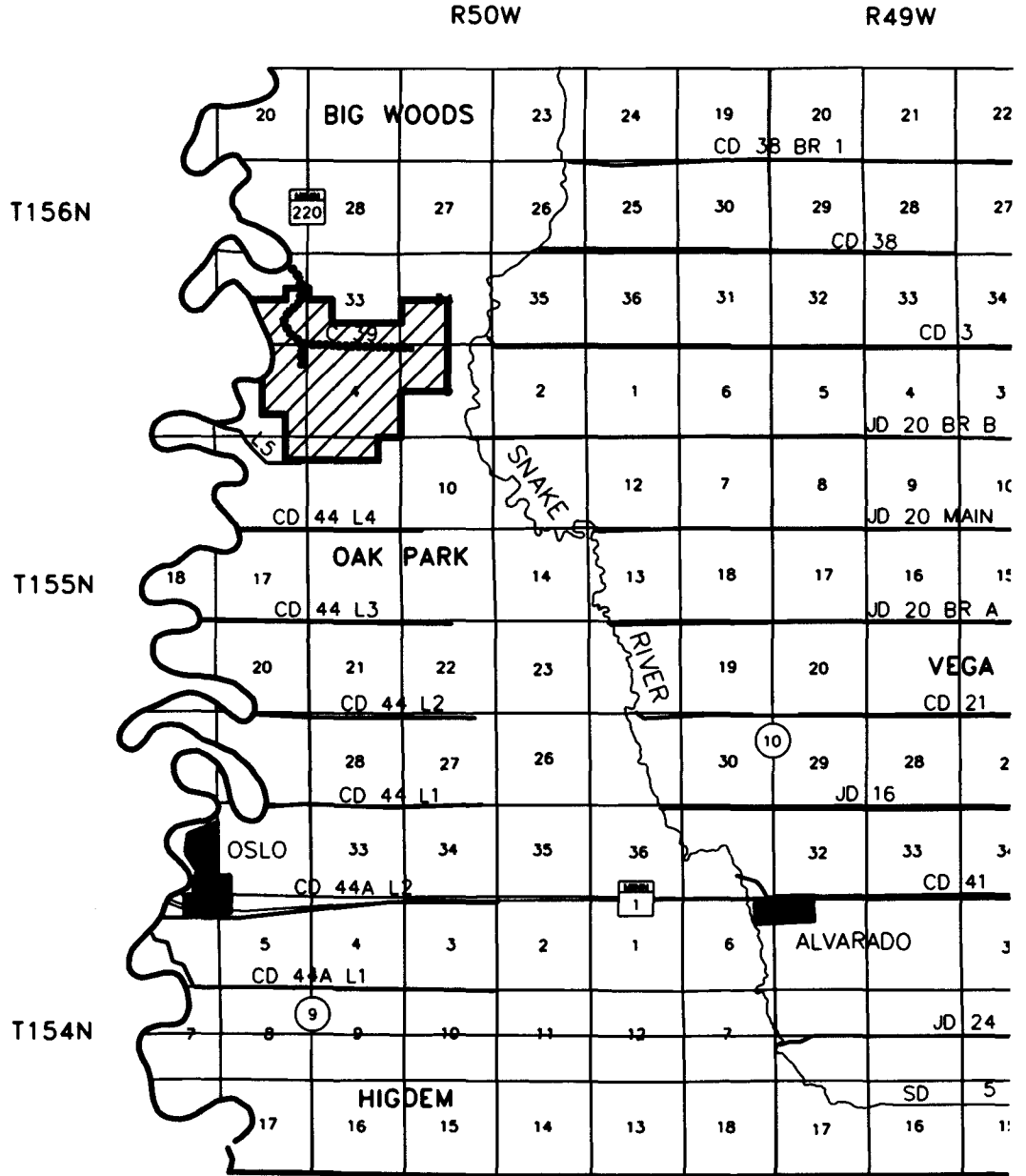


Figure 1
 County Ditch #39, Benefited Area
 From Auditors Tabular Statement 1948

Marshall County Ditch #39, Background Report
October 24 1994, Page 4

To make this report as complete as possible the following sources were checked for information:

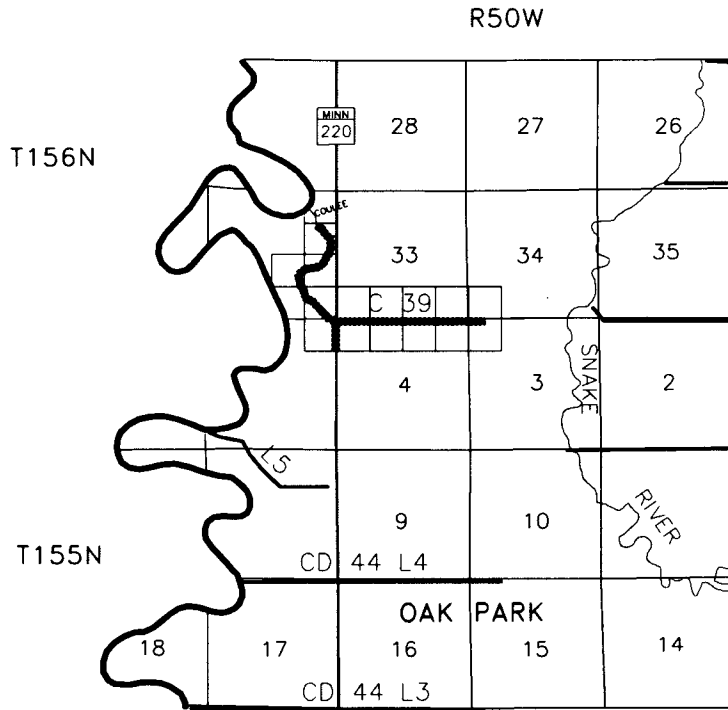
- 1) County Auditor-Marshall County
- 2) County Highway Department- Marshall County

Copies of the following were made and are on file at the District Office:

- 1) "Petition for the Establishment of a Public Ditch", County Ditch #39, filed with the County Auditor on February 3, 1948;
- 2) "Order Appointing Engineer", County Ditch #39, filed with the County Auditor (not dated);
- 3) "Order Directing Engineer to Make Detailed Survey", County Ditch #39, filed with the County Auditor May 10, 1948;
- 4) "Engineers Final Report", County Ditch #39, filed with the County Auditor June 22, 1948;
- 5) "Viewers Report", County Ditch #39, filed with the County Auditor July 31, 1948;
- 6) "Plan Profile of the Extension to County Ditch #39", prepared in 1948, filed with the Marshall County Highway Department
- 7) "Order Establishing Ditch", County Ditch #39, filed with the County Auditor on August 31, 1948;
- 8) "Auditors Tabular Assessment Statement" for the construction of County Ditch #39, filed with the County Auditor on December 24, 1948;

No "as built" plan was found which shows County Ditch #39 as it was established. The information presented here was assembled from the available sources and is intended to document the original construction as much as possible. If questions arise about the accuracy of the data it will be necessary to consult the original sources.

Marshall County Ditch #39 was established by order of the Marshall County Commissioners on August 31, 1948. The drainage system as it was established consists of a main channel approximately 7,000 feet (1.3 miles) and an extension approximately 6,000 feet (1.1 miles) long. The drainage system originates 1 mile east, and 5.7 miles north of the Village of Oslo. The ditch outlets into the Red River of the North. The location of County Ditch #39 is shown in Figure 2.



C39-FIG2

Figure 2
County Ditch #39
Channel Location

Marshall County Ditch #39, Background Report
October 24 1994, Page 6

From the Engineers Report it appears that at least 2 crossings were established on the Main and at least 5 crossings were established on the Extension. In addition, at least 1 inlet culvert was installed. The planned locations of the crossings on the Main are shown on the plan on file with the County Auditor. The planned location of the crossings on the Extension are given on the profile sheets on file with the County Highway Department. The planned locations and culvert sizes of all the crossings are given in table 9.

All of this system is within the boundary of the Middle River-Snake River Watershed District.