

IN THE MATTER OF THE REDETERMINATION OF BENEFITS OF
COUNTY DITCH #39
IN MARSHALL COUNTY, MINNESOTA

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

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.

Ronald J. Peterson
REG. NO. 13,675 DATE 14 Mar 90

**Redetermination of Benefits, County Ditch #39
Engineers Report**

AUTHORITY

This report is prepared in conformance with a resolution of the Board of Managers of the Middle River Snake River Watershed District dated September 19, 1988. This resolution directed that I prepare the necessary reports concerning the redetermination of benefits to County Ditch #39 in Marshall County.

LOCATION

The proposed project consists of: the establishment of a grass strip with a minimum width of 16.5 feet along approximately 2 miles of channel in Big Woods Township (T156N, R50W), and Oak Park Township (T155N, R50W) in Marshall County, and the redetermination of the benefits of County Ditch #39.

The downstream end of the channel is 7 miles north and 1 mile east of the City of Oslo. The channel outlets into the Red River of the North.

ENGINEERS REPORT

The Report consists of this narrative and 3 exhibits. These Exhibits are as follows:

Exhibit 1- is a listing of the properties required for right of way for the establishment of the grass strip and the names and addresses of the owners thereof. These names and addresses are from the tax list for Marshall County dated March 9, 1990.

Exhibit 2- is a listing of the properties in Marshall County currently (1990) benefited by County Ditch #39 and a listing of the properties contributing waters to the County Ditch #39 and the names and addresses of the owners thereof. The names and addresses are from the tax lists identified for Exhibit 1.

Exhibit 3- is a listing of the Public Corporations likely to be affected by the redetermination of benefits of County Ditch #39.

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SEEDING

The redetermination of benefits requires that a grass strip be established along both sides of the channel. This grass strip is to extend from the edge of the channel to the top of the spoil or 16.5 feet whichever is greater. The area required to be seeded, to meet this requirement, totals up to 6.39 acres. Where there is tilled land, along one side of the channel a strip 16.5 feet wide will be seeded along the field side of the channel and where there is tilled land along both sides of the channel a strip 16.5 feet wide will be seeded along both sides of the channel.

RIGHT OF WAY

The area paid damages at the time County Ditch #39 was established (1948) is not sufficient for the establishment of the grass strip. The lands required for right of way, the lands to be seeded, and the names and addresses of the owners thereof are listed in Exhibit 1. The total area of additional right of way is 6.39 acres.

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ESTIMATED COST

The estimated cost of the redetermination of the benefits and the establishment of the grass strip along County Ditch #39 is \$8,652. The items, quantities and costs are summarized in Table 1

Table 1
Summary of Estimated Quantities and Cost
Redetermination of Benefits and the Establishment of a
Grass Strip along County Ditch #39

ITEM	QUANTITY	UNIT	UNIT-RATE	COST
Seeding	5.4	Acres	100	540
R/W	6.39	Acres	800	5,112
Eng. & Admin.	NA	NA	NA	3,000
		Total		<u>\$ 8,652</u>

RECOMMENDATION

It is my opinion that the redetermination of benefits and the establishment of a grass strip along County Ditch #39 is practical and feasible. I hereby recommend that the Board of Managers proceed with both the redetermination of benefits and the establishment of the grass strip as outlined in this report.

Respectfully Submitted,



Ronald J. Adrian P.E .