

**DITCH MAINTENANCE — BIDS
CLOSE OCT. 5**

White Bear Lake, Minn.

NOTICE OF BID LETTING—Sealed bids will be received in triplicate, at the office of the City Clerk, City of White Bear Lake, Minnesota until 10:45 o'clock a. m. on the 5th day of October, 1976, and opened and read aloud at 11:00 o'clock a. m. on the same day for furnishing all labor, materials, tools, and equipment required to repair by excavation an existing county ditch as outlined and in accordance with the plans and specifications as prepared by and on file with E. A. Hickok and Associates, Inc., Hydrologists-Engineers, 545 Indian Mound, Wayzata, Minnesota 55391.

All proposals shall be made on forms to be supplied by the Engineer like those attached to, and made a part of, the Contract Documents and shall be addressed to:

John R. MacLennan, Engineer
Rice Creek Watershed District
c/o City Clerk,
City of White Bear Lake
250 Miller Avenue

White Bear Lake, Minnesota 55110
and endorsed:

Bid for: Ramsey County Ditch 11
Maintenance

Including an estimated 3,000 cubic yards of muck excavation along 2,850 linear feet of county ditch.

Copies of the plans and specifications may be obtained from the Engineer on deposit of the sum of \$10.00 dollars.

Each proposal shall be accompanied by a certified check, bid bond or cash deposit made payable to the Rice Creek Watershed District in the amount of ten percent (10%) of the maximum bid, as a guarantee that the Bidder will enter into the proposed contract within the time specified.

The successful Bidder shall furnish a performance bond within ten (10) days after award of the contract in the full amount of the contract. The performance bond shall be executed by a company duly authorized to do business in the State of Minnesota.

The Bidder shall furnish a statement satisfactory to the Owner and Engineer that he is a qualified Bidder, that he maintains a permanent place of business and that he has had experience in constructing and performing the work as outlined in this Specification.

The Owner reserves the right to reject any or all bids, and to waive minor irregularities if it appears to said Owner that such irregularities were made through inadvertance.

No Bidder may withdraw his bid for at least thirty (30) days after scheduled closing time for the receipt of the bids.

Published by authority of the Rice Creek Watershed District.

By GEORGE V. DIMKE
President

By ROBERT HAMILTON
Secretary

9-24—10-1

(This notice first appeared Sept. 24)

Construction Bulletin

15 South 9th Street, Suite 420
Minneapolis, Minn. 55402

is the only paper furnishing complete Northwest construction news. It is closely read every week by architects, engineers, contractors, builders, material men and bond buyers.

Official advertising, 36 cents per line each insertion.

This Includes:

1. Publication of the call for bids in the Construction Bulletin.
2. A copy of the Bulletin containing your ad.
3. Listing of the closing date of your work in an Index of Proposals for convenient use of the contractors.
4. Fifteen separate printed copies of the ad mailed to you for your own use.



RICE CREEK WATERSHED DISTRICT

Project: _____
Project #: _____ Date: _____
Prepared By: _____

Sheet _____ of _____

RCWD permit # 76-60, 77-29, 78-101

→ MINOR MAINTENANCE & MAJOR REPAIRS
↳ PRIMARY DIFFERENCE BETWEEN CLASSIFICATION
CRITERIA ON THE NEED FOR SUBSTANTIAL
PROFILE CORRECTION

MINOR MAINTENANCE WILL NOT INVOLVE SIGNIFICANT
PROFILE ADJUSTMENT OR PRODUCE SIGNIFICANT
ADVERSE WETLAND IMPACTS OR WATER QUALITY
CONCERNS. MINOR WILL NOT REQUIRE PERMITS
FROM DNR, COE + OTHERS

MINOR MAINTENANCE IS GENERALLY THE REMOVAL
OF DEAD FALLS, VEGETATION MANAGEMENT,
BEAVER DAMS & ISOLATED SEDIMENT REMOVAL
DUE TO BANK FAILURE.

→ MAJOR REPAIRS SHALL BE CONDUCTED BY PETITION
& ASSESSED TO BENEFITTED PROPERTIES

→ COMPLAINT 1977 ABOUT OBSTRUCTED CULVERT (CITIZEN)

→ FUNDING OF PETITIONED REPAIRS WILL GENERALLY
BE CONDUCTED IN ACCORDANCE W/ M.S. 103E

→ MN STATUTE 429 & SUB WATERSHED TAXING ARE / MAY
BE LESS CUMBERSOME PROBABLY FOR MAJOR REPAIRS

→ CAPITAL IMPROVEMENT PROJECT

→ TOP OF FCE ELEVATIONS IN 1975 (WBL 925.0)
(921.8 COMMON)

→ FLOOD CONTROL BENEFITS VS. LOSS OF WETLANDS

→ WATER QUALITY EFFECTS DOWNSTREAM / BALD EAGLE



RICE CREEK WATERSHED DISTRICT

Project: Ditch 11 - 1976 CLEAN OUT PIR
Project #: _____ Date: _____
Prepared By: _____

Sheet _____ of _____

~~STH #96~~

Bald Eagle 909.00 ?

- stopped by Army COE 1977 (March)
- complaint received May 21 1977 about worked being stopped ? RR culvert blocking w/ sediment.

• LAKE OVER FLOW OR OHW 924.7 OHW white BEAK
(5-16-03) CURRENT 925.37 FRIDAY + RAIN
923.1 PACIFIC AVE SURVEY VIA

• THE LAKE IS A CONTROL FACTOR
THE OVER FLOW ELEVATION IS 924.30

PRELIM ESTIMATE

925.47 Today's ELEVATION

69 98W
OHW IS 923.0

→ ~~250'~~ 250' OF CLEANING FROM Hwy 61 TO THE EAST HAD BEEN DONE FUND WERE TO COME OUT OF GENERAL MAINTENANCE FUND.

→ NOVEMBER 1976 CITY ENGINEER SITED THE NEED FOR ADDITIONAL DRAINAGE FROM AREAS TO THE EAST OF PACIFIC AVE

↳ PROPOSED WORK INCLUDED 3,000 CUBIC YARDS OF MUCK EXCAVATION ALONG 2,850 FT

↳ ABOUT 2.5 FEET OF MUCK IN DITCH

COE VIOLATION OF PLACING FILL FROM WITHIN WETLANDS

→ IN MID 1980'S HIGH WATER LEVELS FOUND MANY RESIDENTS

1978 CONCERNED ABOUT FLOODING!

1984 REPAIR PROJECT: FIELD SURVEY ONLY: NO WORK



RICE CREEK WATERSHED DISTRICT

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Sheet _____ of _____

Questions ?

① At what water elevation does Flood Elevation occur on White Bear LK ?

② At what water elevation in the marsh does flood damage occur, & to which properties ?

③ How often is WBL @ Flood ELV. (OHW) ?

④ Alternatives alignment proposals - - alignments that could be considered statutory Repair that would reduce the disturbance & max. water quality treatment? (DNR May 10th 1994 letter)

⑤ Survey for capacity of "REPAIRED" cleaned ditch

→ Report → "Proposed Drainage Facilities South of Bold" 1994 letter to Rail Road that culvert was one-half full of sediment

1994 letter from COE citing: "Excavations resulting in the destruction or degradation of a water of the U.S."

wetland #69 - 98W 38 Acre Type 3 wetland

→ old channel constructed through basin?

? → EAW Environmental Assessment Worksheet Required by DNR in 1992 for high spot removals



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Permit Information NEEDED!

→ original Ditch Dimensions

→ past maintenance activities - NON

→ original construction some time AFTER 1914. (RCWD 1972)

→ 1918 Attorney GENERAL letter talking about clean / maintaining ditch w/ spoils out side the banks.

→

1987 protection claim - the outlet from WBL floods the ditch, lake & tributary wetland.

→ REVIEW FLOODE ARE ? EDITH AVE IN MAN.

→ Not wise to clean R x R crossings with out 1st improving the down-stream channels. The crossing will be cleaned in conjunction with down stream improvements !!

→ the 42" RCD UNDER PARK is hydrokely Restrictive & controls down stream flows



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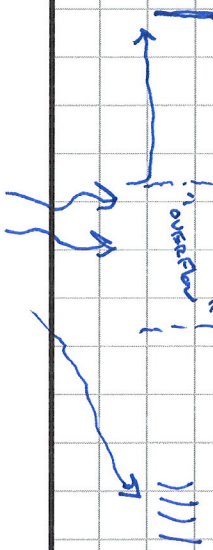
Sheet _____ of _____

Questions

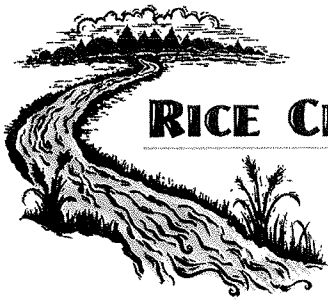
- ① Is RCWD restricted by MN law to confine improvement jobs costs to be not greater than the initial cost of the project
- ② WBL discharges 25 cfs into ditch during 100 yr event
- ③ 1978 Project attempted to help the city of St. Paul implement their water supply ? Rid Vally Branch wd their excess water.

5-23-03 Site Visit

Inspected Pathways ? Stillwater street projects



- North (4) pipes have positive flow into DNR wet.
 - ↳ only small opening. Requested to develop that larger opening be excavated.
- over flow (middle) 40' not constructed
 - Requested that it be constructed as conditions allow
 - ↳ could it be lowered to similar culvert inlets?
- Southern (1) culvert directs water to Branch 3?
 - Water moves away from the ditch?



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Sheet _____ of _____

* 1988 Report HICKOK NOTES

→ 1976 Restoration project - to RESTORE capacity - STOPPED BY COE, TROUBLES in obtaining permit.

→ County Ditch 11 is capable of PASSING APPROX 5000 CFS.

→ The most RESTRICTIVE portion APPEARS to BE the REACH BETWEEN PARK AVE } EAGLE ST.
LIT OVER grown ditch } PARK AVE
CULVERT.

1994 MONTGOMERY Report