

**MORRISON COUNTY
DRAINAGE AUTHORITY AGENDA
OCTOBER 5, 2021
IMMEDIATELY FOLLOWING COUNTY BOARD MEETING
MORRISON COUNTY BOARD ROOM
LITTLE FALLS, MN 56345**

- 1. CALL TO ORDER**
- 2. APPROVAL OF THE MINUTES**
- 3. DITCH 17**
 - Consideration of the Engineers Repair Report**
- 4. OTHER BUSINESS**
- 5. ADJOURNMENT**

***NOTE: The above time schedule is subject to change.**

Morrison County will provide cost effective, high quality services to county residents in a friendly and respectful manner.

Drainage Authority Board
Official Minutes
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The meeting was held at the County Board Room, in Little Falls, MN, and was called to order at 10:27 a.m. by Chairman Wilson.

Members present: Commissioners Randy Winscher, Jeff Jelinski, Mike Wilson, Greg Blaine, and Mike LeMieur.

Staff present: Brad Vold, Steve Backowski, Chelsey Robinson, and Tabitha Maher.

Others present:

APPROVE THE DRAINAGE AUTHORITY BOARD MINUTES

A motion was made by Commissioner Blaine, seconded by Commissioner Jelinski and carried unanimously to approve the Drainage Authority Board Minutes for July 20th, 2021.

DITCH 1

A motion was made by Commissioner Winscher, seconded by Commissioner Blaine and carried unanimously to authorize the County Engineer to proceed with correcting the Paul Sachs ditch work that created an unauthorized outlet into Public Ditch 1.

DITCH 18

A motion was made by Commissioner LeMieur, seconded by Commissioner Jelinski and carried unanimously directing the Auditor/Treasure to solicit comment from benefitted property owners on the repair of PD-18, 18-1 and 18-2 and report back the findings at a future meeting.

DITCH 17 UPDATE

Steve Backowski, County Engineer, updated the Ditch Authority that progress was slow on the public ditch 17 repair due to required preliminary work resulting from a change in original alignment.

RECORDING DOCUMENT

A motion was made by Commissioner LeMieur, seconded by Commissioner Winscher and carried unanimously to authorize the County Auditor/Treasurer to work with Rinke Noonan Law Firm to create a template of recording benefitted land within a ditch that may be subject to financial obligations.

ADJOURNMENT

A motion was made by Commissioner Jelinski, seconded by Commissioner Winscher and carried unanimously to adjourn the meeting at 11:08 am.

Mike Wilson, Chairman

Tabitha Maher, Deputy Clerk to the County Board

MORRISON COUNTY PUBLIC DITCH SYSTEM 17
Engineers Repair Report

Morrison County Ditch Authority
October 8, 2021

Prepared by
Steven C. Backowski
Morrison County Engineer

Steven C. Backowski
Morrison County Engineer
License No. 18286

Repair Report PD 17 10/08/2021

Public Ditch 17 Location:

Beginning in the NW1/4 of Sec. 9-39-29 flowing in an easterly route to its discharge to Public Ditch 11. Public Ditch 17 crosses through section 9, 10, 11, 12 of Morrill Township and part of section 7 in Lakin Township. A distance of 4.6 miles.

Establishment:

The records indicate that Ditch 17 was established in 1906 and the system consists of 24,295 feet of open ditch constructed with a 4-foot bottom 1:1 side slope. There is no Plan and profile on file with MCDPW. These documents are missing from the file.

Recent activity:

In August 2020, a benefitted property owner of Ditch 17 contacted the MCDPW about conducting a maintenance cleaning of Ditch 17 and seeking information about what approvals would be necessary. Based on the condition of the ditch it appears that there has been unauthorized work on segments of the ditch over the time period since it was first constructed.

On July 7, 2020, the ditch was flown with drone technology. This inspection of the system was made, and it was found to be out of repair with the channel being restricted with sediment, brush, small trees, weeds, beaver cuttings and vegetative material. A segment of the ditch east of 345th Avenue has been realigned.

Findings:

The Ditch System-17 consists of 4.6 miles in total length of open ditch. The ditch system is observable in the field as to most of its location. There is approximately 600 feet of Public Ditch 17 that has been filled in and the flow diverted to an alternate route in section 10 of Morrill Township. There are several locations along the system that have tree growth that will require removal so that repair can be conducted. The estimated length of these areas on the system are 1600 feet. There are 2 public road crossings of the system with the largest being a 48-inch round pipe. There are currently 5 private crossings of the system. The one rod perennial vegetation along the ditch is in place. The Public Ditch System 17 is out of repair and is not functioning as intended due to flow being restricted by a re-alignment and vegetation, trees, brush and sediment. The following would represent cost associated with bringing PD-17 back to approximately it's as constructed configuration.

Repair Report PD 17 10/08/2021

Statement of Probable Cost:

PD 17 Repair of 4.6 miles	\$ 30,000
Tree removal for Access	\$ 4,500
Access and culvert replacements	\$ 500
Storm Water and Erosion measures	\$ 1,000
Administration, Engineering, Permitting and Inspection	\$ 4,000
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TOTAL	\$ 40,000

Recommendations:

The Ditch Authority is requested to authorize the Department of Public Works to conduct repair of Public Ditch System-17. The repair would include bringing the filled portion in section 30 of Morrill Township back to its as constructed alignment and grade. Private crossing will be evaluated for adequacy. Private crossings that are inadequate would be replaced provided that the owner purchases the new pipe. Public Road crossing are the responsibility of the road jurisdiction. Ditch checks will be used to control sediment movement. There does not appear that the system has potential for other conservation measures. No property owners have come forward to propose any conservation projects. The Public Works Department would be authorized to solicit quotes and progress the work in an efficient manner that accounts for weather and field conditions.