

Curtice & Branches Intercounty Drain
Intercounty Drain Drainage Board Meeting Minutes
Tuesday, November 23, 2021

The Drainage Board for the Curtice & Branches Intercounty Drain met at the office of the Midland County Drain Commissioner, 220 W. Ellsworth St., Midland, Michigan on Tuesday, November 23, 2021.

Present: Mike Gregg, MDARD, Chairman
Joe Sova, Midland County Drain Commissioner
Terry Walters, Gladwin County Drain Commissioner

Also Present: Lucy Zeestraten, Gladwin County Deputy Drain Commissioner
Norma Stuart, Midland County Deputy Drain Commissioner
Nick Czerwinski – Spicer Group
Christian Valesano – Spicer Group

Chairman Gregg called the meeting to order at 10:00 a.m.

Joe Sova made a motion to elect Midland County to serve as secretary, seconded by Terry Walters.
Motion carried.

Terry Walters moved to approve the agenda. Joe Sova seconded the motion.
Motion carried.

Terry Walters moved to approve the meeting minutes of September 21, 2021, as presented. Joe Sova seconded the motion.
Motion carried.

Chairman Gregg then turned the meeting over to Nick Czerwinski to go over the findings on the Drain from POB to Baker Road. He explained that the whole drain has now been surveyed.

Christian Valesano showed pictures of the lower end.

From POB to ¼ mile upstream of Fike Road: There is a large beaver dam. Most of this area is marshy. The flow from the dam to POB is good. A boiler tube in the downstream end is causing a large scour hole. Upstream of the beaver dam there is stagnant water, log jams, but more flow.

From Shaffer Road upstream to Baker Road: Footbridges in poor condition, trees across drain, sediment bar and bank erosion. Old spoil piles are still along the drain and will need to be dealt with. The area includes sandy soils, which will require that the trees growing in the banks of the drains to be cut flush. Line areas with toe slope stone, and create a maintenance lane. This area has a .2% grade, mild erosion and good flow toward upper end near Baker Road. Nick explained that large boulders can be placed in to the drain to push the water around to erode certain areas to create a 2 stage channel. There is a private crossing that is comprised of 3 culverts set at different heights, which needs to be removed and put in a Rockford crossing. There is a collapsed concrete bridge that has also caused rerouting of the drain. Mild erosion was seen on upper end along with log jams.

Branch #1: thick brush and log jams.

Nick explained the different approaches to correct the issues with the drain. He explained that 1 or 2 maintenance lanes can be constructed for future maintenance drain. J-hooks and cross vanes can be used but will require an EGLE permit. Toe of slope stone can be used without having to secure a permit from EGLE. Clear and remove obstructions and undersized culverts.

Nick is now working on the hydrology study and looking for directions for lower end of drain.

Mike Gregg asked about a tentative schedule for the Hearing of Necessity and when the first assessment would be. Nick explained that the HON could be held in June/July 2022 and then be bid out in the fall 2022, clearing & construction to start in winter 2023 and the first assessment in the fall of 2023.

Terry Walters made a motion to have Midland County engage the beaver trapper to trap beavers and dismantle by hand the beaver dam on the lower portion of the drain. Joe Sova seconded the motion. Motion carried.

Mike then presented the financial report. Current balance is (\$14,381.00). Joe Sova made a motion to accept and file the Treasurers report, seconded by Terry Walters. Motion carried.

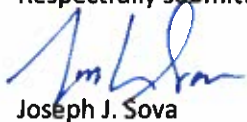
Nick then presented Spicer Invoice #210871 in the amount of \$31,221.50. Joe Sova moved to approve payment of the Spicer invoice. Seconded by Terry Walters. Motion carried.

There was no public comment.

The next meeting is scheduled for March 17, 2022, at 10 a.m. in the Midland County Drain Commission office.

Terry Walters moved to adjourn, seconded by Joe Sova. Meeting adjourned at 12:40 p.m.

Respectfully submitted,



Joseph J. Sova

Midland County Drain Commissioner