

**MINUTES
REGULAR DRAINAGE MEETING
JANUARY 20, 2016**

Hardin County Board of Supervisor Chairman, Lance Granzow, opened the meeting. Also present were Supervisors, Ronn Rickels and Renee McClellan; Iowa Drainage District Association Executive Director, John Torbert; Lee Gallentine with Ryken Engineering; Drainage Clerk, Tina Schlemme.

Rickels moved, McClellan seconded to approve the agenda as presented. All ayes. Motion carried.

McClellan moved, Rickels seconded to approve the minutes of the January 13, 2016 regular drainage meeting. All ayes. Motion carried.

Torbert presented the Trustees with information regarding the option of Hardin County joining the Iowa Drainage District Association (IDDA). He stated the IDDA's involvement with a lawsuit with the EPA that could potentially impact drainage districts obtaining permits and also the Des Moines Waterworks lawsuit regarding three counties drainage districts' nitrate levels. Torbert presented an invoice for annual dues if Hardin County would join the association. The IDDA charges \$0.025/acre of drainage district land, which they have calculated at 168,000 acres, totaling \$4,200. The invoice also contains an optional \$5,000 donation for the Des Moines Waterworks lawsuit and an optional \$1,680 insurance protection, which is calculated at \$0.01/acre. The Trustees asked how other counties fund these dues. Torbert responded that some counties pay from their general or rural services budget and others from the drainage district funds via assessments. He has a list of these counties and their payment methods and will provide that information. It was mentioned that there are approximately 36 Iowa counties with drainage districts and 26 of those counties now belong to the IDDA. Torbert stated that over 3,000 drainage districts belong to the IDDA out of the estimated 3,500 statewide.

DD 1 – Gallentine explained the repair results of Work Order Request #92 in Section 24 of Jackson Township. Ryken Engineering inspected the area in concern and noted that 2200' of the overflow channel needs cleaned out between Highway D-35 and T Avenue with depth of dirt to be cleaned out varying from 0.2' to 2.8'. The soil upstream of the existing headwall at the outlet tile is severely eroded and missing. The first 550' of the main tile upstream from the existing headwall is also missing several pieces of tile with several blowouts and sinkholes starting. Ryken recommends cleaning out the 2200' of overflow channel and noted that this area is needing repeated cleanouts (early 1970's, 1983 and 1999) due to the adjacent cropped (not grassed) waterway, which is washing silt into the channel. It is also recommended that either 1) the existing tile is televised from headwall upstream, repair/replace any needed tile and install rip rap near headwall or 2) excavate the main tile at least 550' upstream from headwall, install a new outlet and remove the tile and debris between the new outlet and old headwall. The Trustees would like Gallentine to research the history of this district and the original intention of the cropped waterway. If the waterway was never meant to be farmed, the landowner may need to be advised to discontinue farming over it. Once Gallentine reports his findings, a decision will then be made.

DD 128 – Gallentine explained the repair results of Work Order Request #101 in Section 23 of Jackson Township. After excavation, it was discovered that the main tile and another outleting tile were both plugged with tree roots, as well as the main outlet being eroded, collapsed, covered with field stones and not flowing fully. It was then discovered that the blowouts were due to pressure from the restricted outlet and large separations between tile pieces at tile joints. The tile and tile joints were repaired. Ryken Engineering observed that the tile in the area is shallow but with large amount of fall. It's recommended that if blowouts continue, the main tile may need to be lowered from the outlet upstream past the shallow section. It is also recommended that in addition to the available field stones that were used around the new outlet, that 30 to 50 more ton of riprap would better protect the outlet from erosion. It was discussed that this area originally consisted of tile but has since eroded to become part of the open ditch. Landowner, Dean Bright, stated to on site employee that he would like this area to be tile again. The Trustees agreed that before rip rap is brought in, Schlemme should contact Bright if he would like to make an official repair request.

DD 22 – Rickels moved, McClellan seconded to acknowledge receipt of the Engineer's Annexation Report Part of E. 70 Acres W1/2 SE1/4 8-88-22 signed January 14, 2016. All ayes. Motion carried.

Other Business - None

Rickels moved, McClellan seconded to adjourn the meeting. All ayes. Motion carried.