

**MINUTES
PUBLIC HEARING ON ENGINEER'S REPORT
ON REPAIR OR IMPROVEMENT TO LOWER END OF MAIN
DRAINAGE DISTRICT 1, HARDIN COUNTY**

SEPTEMBER 14, 2016 AT 11:30 A.M.

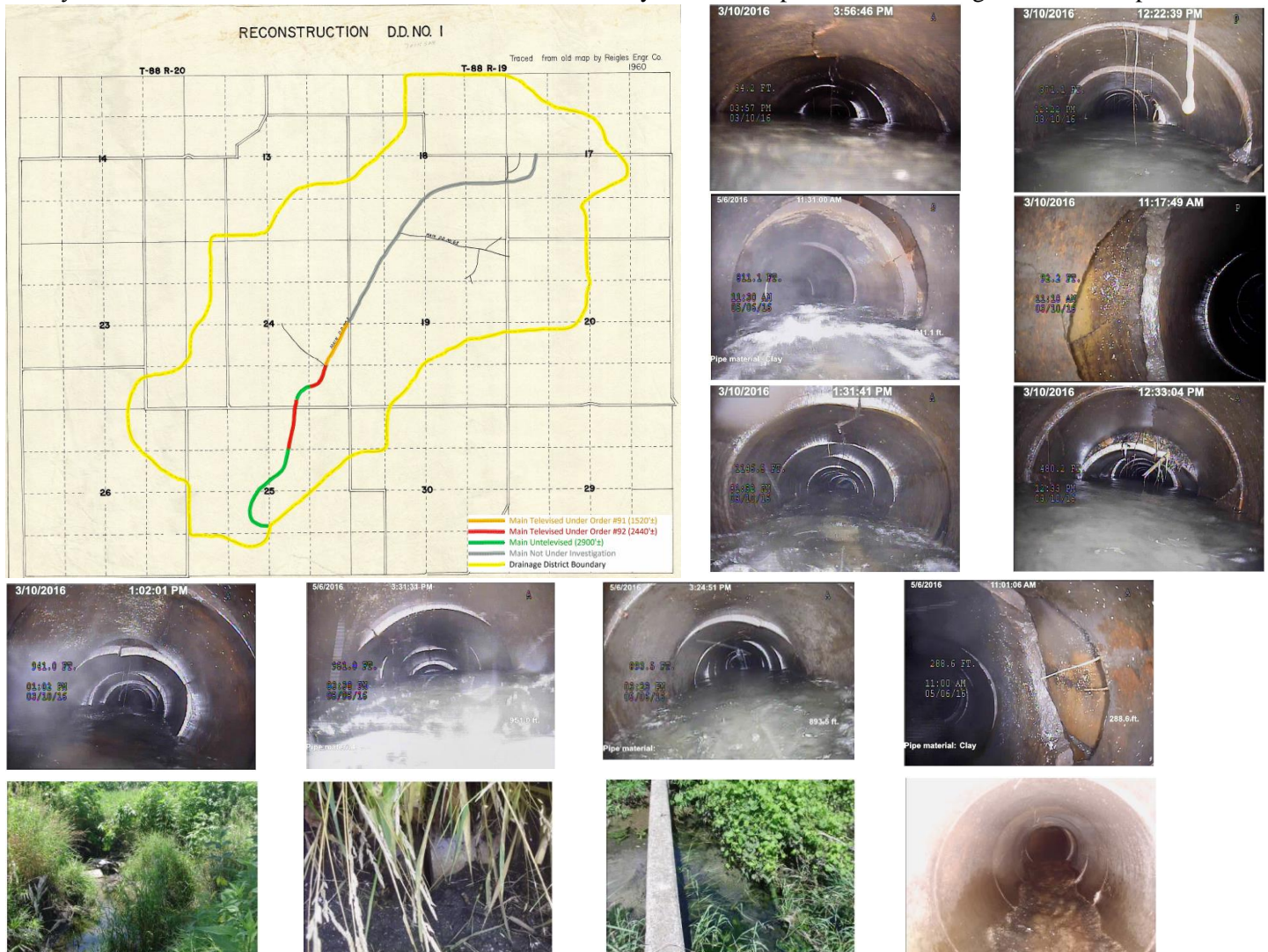
Hardin County Board of Supervisors Chairman, Lance Granzow, opened the meeting. Also present were Supervisors, Renee McClellan and Ronn Rickels; Landowners, Bill and Sandy Trampe, Ken Reece, Jim Kramer, Janice Kramer, Gordon Taylor, Karol Rogers, Jack Rogers, Arnold Luiken, Glen Bakker, Mike Roll, Jerry Kramer, Marvin Kramer and Terry Gast; Lee Gallentine with Ryken Engineering; Drainage Clerk, Tina Schlemme.

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

Granzow opened the public hearing after introductions of staff were made and verification of landowners signed in. Schlemme then verified publication of notice.

The meeting was then turned over to Gallentine who reviewed the history of the district, which was originally established as an open ditch. In the 1920's, they converted the ditch to tile and in the 1940's, they installed a waterway over the tile. From the beginning of the district, it was discussed that the tile was big enough and dissatisfaction of capacity was recorded. Over the past 64 years, there have been 83 repair requests, of which 75% of those were in sections 24 and 25.

Gallentine explained the project, which began when a blowout was reported and a waterway cleanout was requested. Approximately 3,960' was televised south and west of T Avenue. They found 44 previous repairs and 29 locations of partially collapsed tile. There were several sinkholes as they walked the first 550' downstream. They also performed a survey in section 24 and found 0.2' to 2.8' silt in the waterway. Gallentine presented televising and headwall photos.



Gallentine discussed the repair options as presented in the Engineer's Report. Both options would keep the same drainage coefficient as it is currently, at .08" to .15" per acre per day. Gallentine thought dual wall polypropylene would be used.

- Spot Repairs and Waterway Cleanout. Estimated cost \$149,556.
- Tile Replacement of equal or comparable sizes. Estimated cost \$772,574.33 plus road crossing \$109,422.50.

The improvement options were then discussed.

- Tile Replacement of larger tiles sizes (42"-54") with ½" drainage coefficient. Estimated cost \$1,153,907.70 plus road crossing \$147,372.50.
- Open Ditch with same depth as current tile. Bottom width would be 8' with slopes of 2' for every 1' up. Example given if 6' deep, then 32' wide. Estimated cost \$580,483.20 plus road crossing \$273,240.

Landowners asked what maintenance is involved with the open ditch option, which Gallentine replied spraying and occasional cleanouts. It was discussed that it was estimated 5.5 acres would be taken for right of way. Gallentine informed the landowners that water is currently flowing. Landowner questioned if the upstream portion north and east of T Avenue needed looked at.

Landowners then questioned the classification process, which Gallentine explained. Schlemme stated the most current classification was from 1920. Landowners agreed they felt this classification was old enough that it needed a new one. It was also discussed by landowners that they feel the Highway 20 project changed their drainage and would necessitate a reclassification also. Marvin Kramer then noted Code of Iowa Section 468.184 subsection 8 and feels the district should be classified per acre or per taxable value of the land. Gallentine and Granzow agreed that this would require a legal opinion. Granzow asked for a show of hands of who would like to obtain a legal opinion with 3 show of hands and a petition of 4 signatures requesting a reclassification per acre or taxable value. When asked if they did not want to obtain legal opinion, only 2 raised their hands.

Granzow asked if anyone wanted either of the repair options, with one stating they wanted the open ditch. When asked if they wanted the upsize tile option, no hands were raised. Majority of landowners raised their hands when asked if wanted to complete just the basic repair. One landowner then raised concern regarding the short term fix and how often it would need repaired. Other landowners then stated they might be in favor of the open ditch if they knew what their assessment would be and would like a reclassification. Granzow then asked who wanted a reclassification done for both the basic repair (current capacity) and an open ditch before an option is chosen with 4 show of hands. When asked if they did not want a classification completed for the open ditch, just one raised their hand.

Rickels moved, McClellan seconded to close the public hearing. All ayes. Motion carried.

Rickels moved, McClellan seconded for Schlemme to obtain legal opinion if the Code of Iowa Section 468.184 would apply. If Drainage Attorney, Mike Smith, feels it does not apply, a reclassification of both the repair and open ditch options will proceed. If Smith feels it does apply, then a landowner meeting will be scheduled. All ayes. Motion carried.

Schlemme updated the Trustees with the legal opinion obtained from Drainage Attorney, Mike Smith, regarding the lateral running parallel to the road. Smith believes the maintenance/repair or replacement of tile must be assessed against all the affected property owners, not the secondary roads department. Gallentine then updated the Trustees that water is not flowing at this time. It was then discussed if jet cleaning should be performed or replacement be done. Gallentine stated he thought dual wall plastic with rock bedding would be used if replacement occurred.

McClellan moved, Rickels seconded to replace the entire length of the lateral using the contractor lottery system. All ayes. Motion carried.

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