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Hamilton Drain

- The existing storm water drain system is without authorized local and county governmental jurisdiction and administrative, procedural, and funding mechanisms to address current/future needs for maintenance and improvements
- Application for Laying Out and Designating a Drainage District completed by Overisel Township on July 11, 2023 under Chapter 3 of the Michigan Drain Code of 1956.
- Petition to Locate, Establish, and Construct a County Drain submitted by Overisel Township on July 11, 2023 under Chapter 4 of the Michigan Drain Code of 1956.
- Michigan Drain Code requires a Board of Determination Meeting



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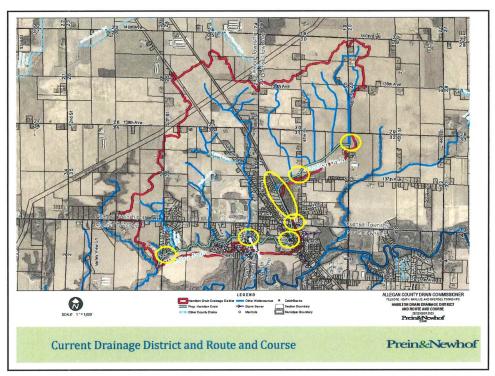
Hamilton Drain Preliminary Engineering

- · Review plat maps
 - Reimink Plat No. 1 & 2 (1958, 1963)
 - Holiday Sub (1962)
 - Diamond Drive Sub No. 1 & 2 (1962, 1967)
 - Volkers Plat No. 1 & 2 (1962, 1973)
 - Lohman Estates Sub (1991)
 - · Walnut Park Sub (1995)
 - Greenfield Estates 1-3 (1996-1997)
- · Review utility and road records
 - MDOT M-40 Lincoln Road Records (1936, 1973, 2002, 2005)
 - ACRC RoadSoft Data for Culvert Locations
- Delineate the drainage district (watershed) boundary using county GIS contour data and aerials
- Visit site to locate drain infrastructure and confirm drainage patterns

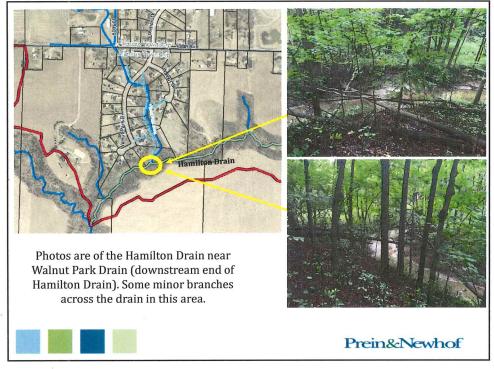


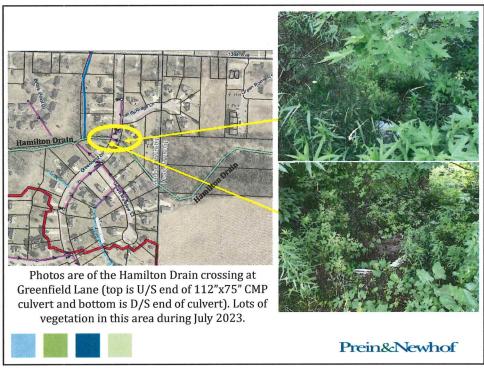
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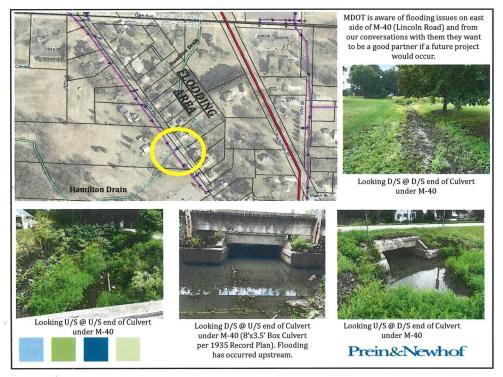
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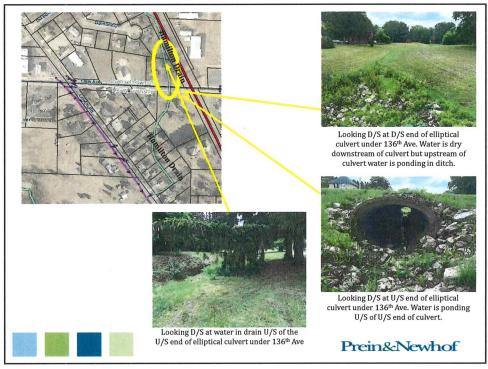


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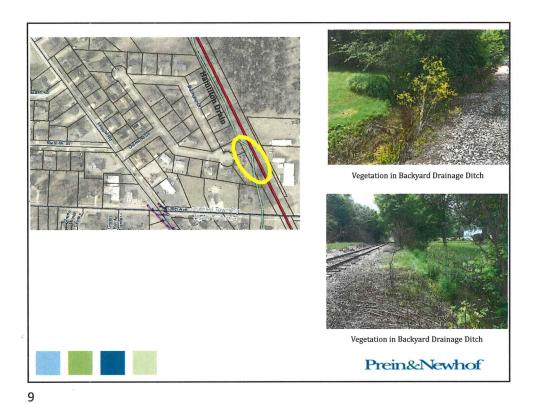


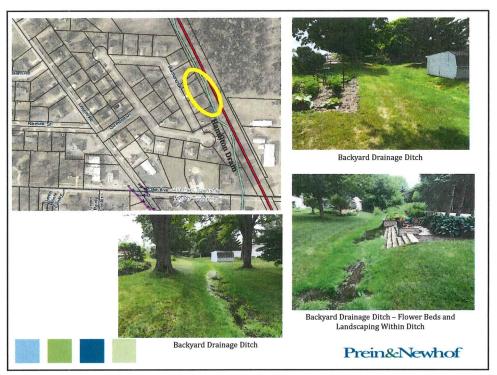


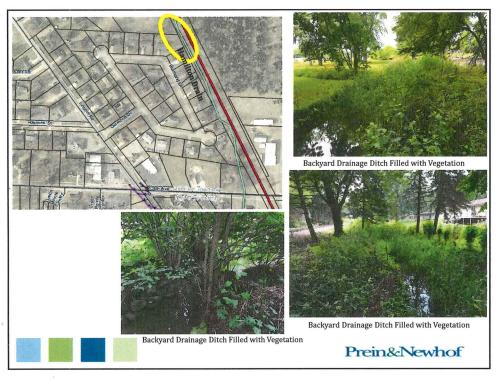


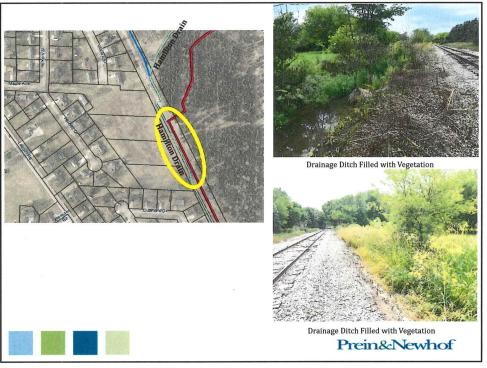


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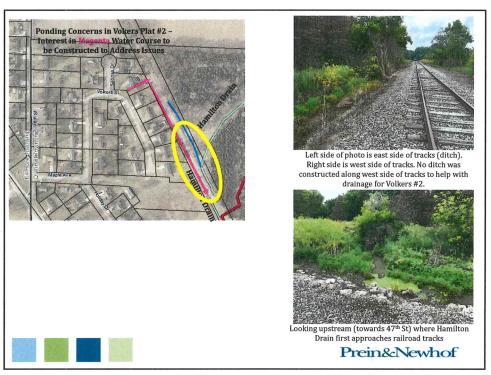


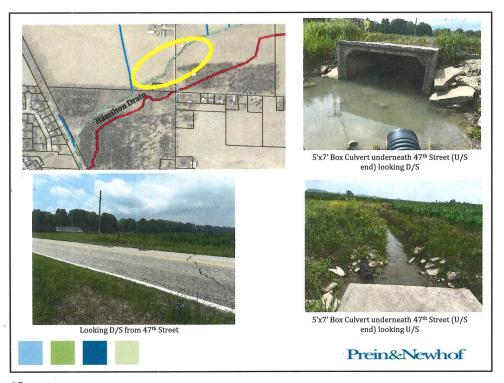


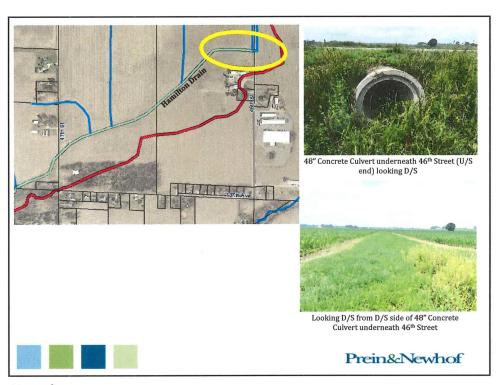












Hamilton Drain – Summary of Concerns

- Ongoing flooding of homes on east side of M-40 (Lincoln Road) due to backing up of stream on upstream end of culvert under M-40.
- Drain maintenance concerns of watercourse behind Diamond Drive Sub No. 1 & 2
- Volkers Plat No. 2 concerns with no positive outlet for drainage in their development
- Culverts (5) underneath the railroad tracks
- Other general drainage maintenance concerns like vegetation, fallen trees, buffer strips along farm fields, culvert cleanouts etc.



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Hamilton Drain - BOD Conclusion

- Public Testimony
- Board to determine necessity of petition based on public health, welfare, and/or convenience after hearing testimony
 - If deemed necessary by the board, then the existing system will become a county drain.
 - If deemed not necessary by the board, then no further action will occur.



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Hamilton Drain – Next Steps

- If the drain is deemed necessary by the board, then...
 - · Project design will begin along with easement acquisition
 - · Over 60 easements anticipated
 - To keep costs down and for the project to move forward, cooperation on easements is essential for improvements to occur
 - Upon completion of design, the project will let to contractors for bids. This will be a public bid.
 - After project is bid and project costs are determined, a Day of Review will be held to review apportionments.
 - · Construction would then commence on the project.
 - Costs of project would be assessed to Overisel, Fillmore, Heath, and Manlius Townships (at large), Allegan County, Allegan County Road Commission, MDOT, and parcels within the district.



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Hamilton Drain - Future

- · If drainage issues occur in the future, then...
 - Drain Office can perform routine maintenance up to \$5,000 per mile of drain (per Drain Code) without a petition
 - If the extent of maintenance exceeds the \$5,000 per mile of drain in a year, then a maintenance resolution from the Township(s) can be signed to exceed the maintenance limit without the need for a petition.
 - The final option is a new petition would be needed by the Township(s), MDOT, ACRC, or the residents of the drainage district to maintain the county drain
 - Assessments for all future projects be assessed to Overisel, Fillmore, Heath, and Manlius Townships (at large), Allegan County, Allegan County Road Commission, MDOT, and parcels within the district.



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