

May 16, 2023


Myrtle Drain Board of Determination

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### Myrtle 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 Laketown Township on December 14, 2022 under Chapter 3 of the Michigan Drain Code of 1956.
- Petition to Locate, Establish, and Construct a County Drain submitted by Laketown Township on February 8, 2023 under Chapter 4 of the Michigan Drain Code of 1956.
- Michigan Drain Code requires a Board of Determination Meeting



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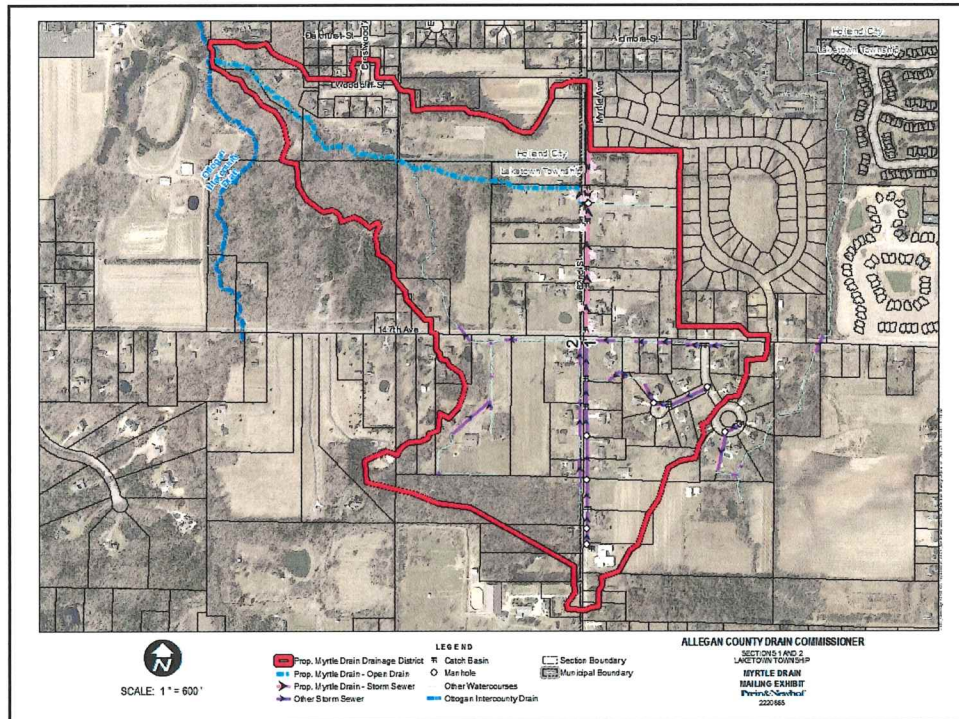
## Myrtle Drain Preliminary Engineering

- Review utility record drawings and plat maps
  - Timberlane Subdivision (1961)
  - Terra Vita Site Condos (2005)
  - West Wind Phases 1 and 2 (2018-22): not in district
- Delineate the drainage district (watershed) boundary using county GIS contour data and aerials
- Visit site to locate drain infrastructure and confirm drainage patterns



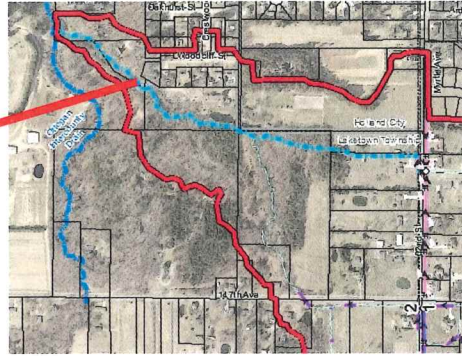
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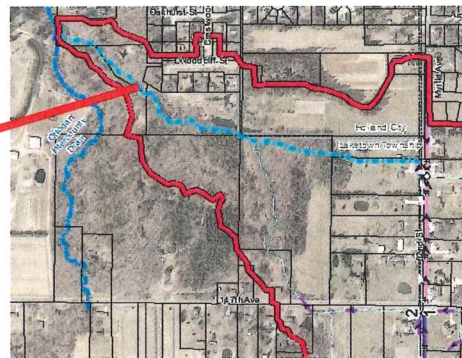


Fallen Trees within  
Drain Reducing Capacity



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Fallen Trees within  
Drain Reducing Capacity



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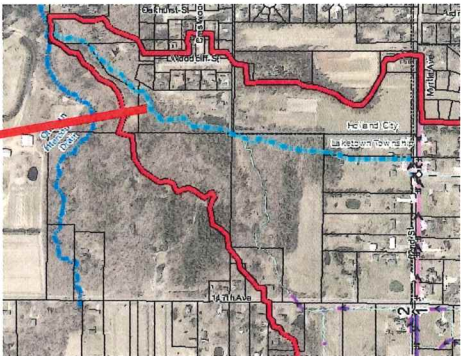
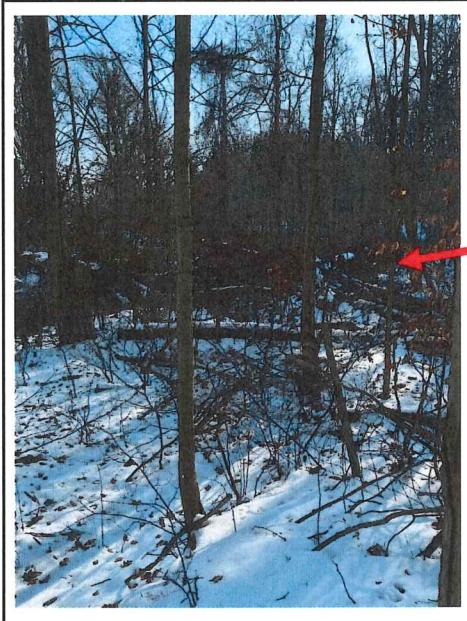
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Fallen trees and failed/undersized culvert in stream

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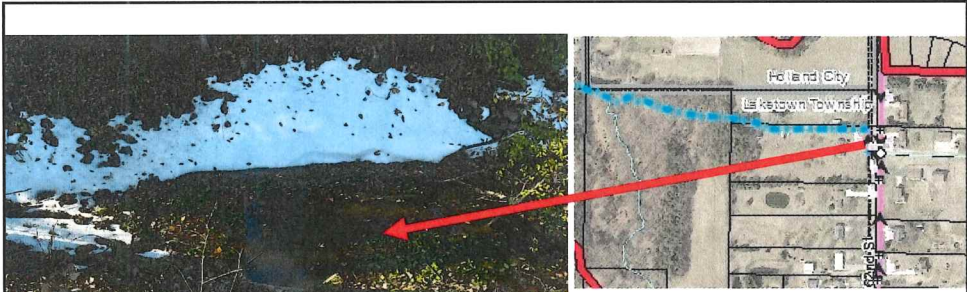


Extensive logjam(s) within stream causing new routing of stream


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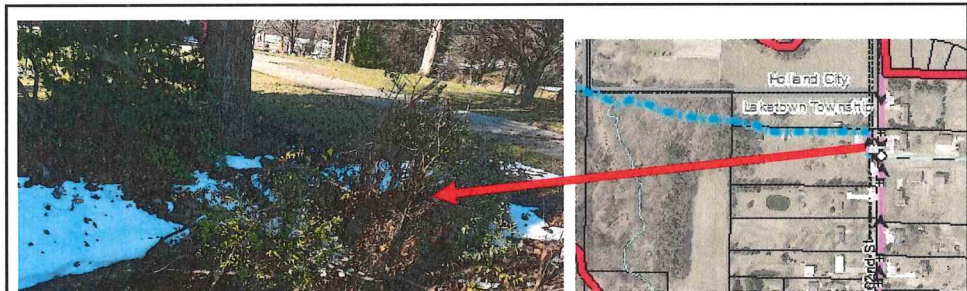


Cleanout of ditch/culverts on west side of 62<sup>nd</sup> Street may be needed




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Cleanout of ditch/culverts on west side of 62<sup>nd</sup> Street may be needed



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## Myrtle Drain – Next Steps

- If the drain is deemed necessary by the board, then...
  - Project design will begin and easement acquisition, if necessary.
  - 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 Laketown Township (at large), City of Holland (at large), Allegan County, Allegan County Road Commission, and parcels within the district.
    - \*2 mil Fire, Roads, Bike Paths, and Drains Millage\*



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## Myrtle Drain – Next Steps

- 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 or City 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, City, or the residents of the drainage district to maintain the county drain
  - Assessments for all future projects would be made by Laketown Township (at large), City of Holland (at large), Allegan County, Allegan County Road Commission, and parcels within the district.
    - \*2 mil Fire, Roads, Bike Paths, and Drains Millage\*



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