

NORTH SHORE DRAIN

Board of Determination

Ottawa County Water
Resources Commissioner

Joe Bush

October 19, 2020



Outline

- Location
- Background/History
- Drainage District Boundary
- Site Conditions/Inspection
- Questions

Location Map

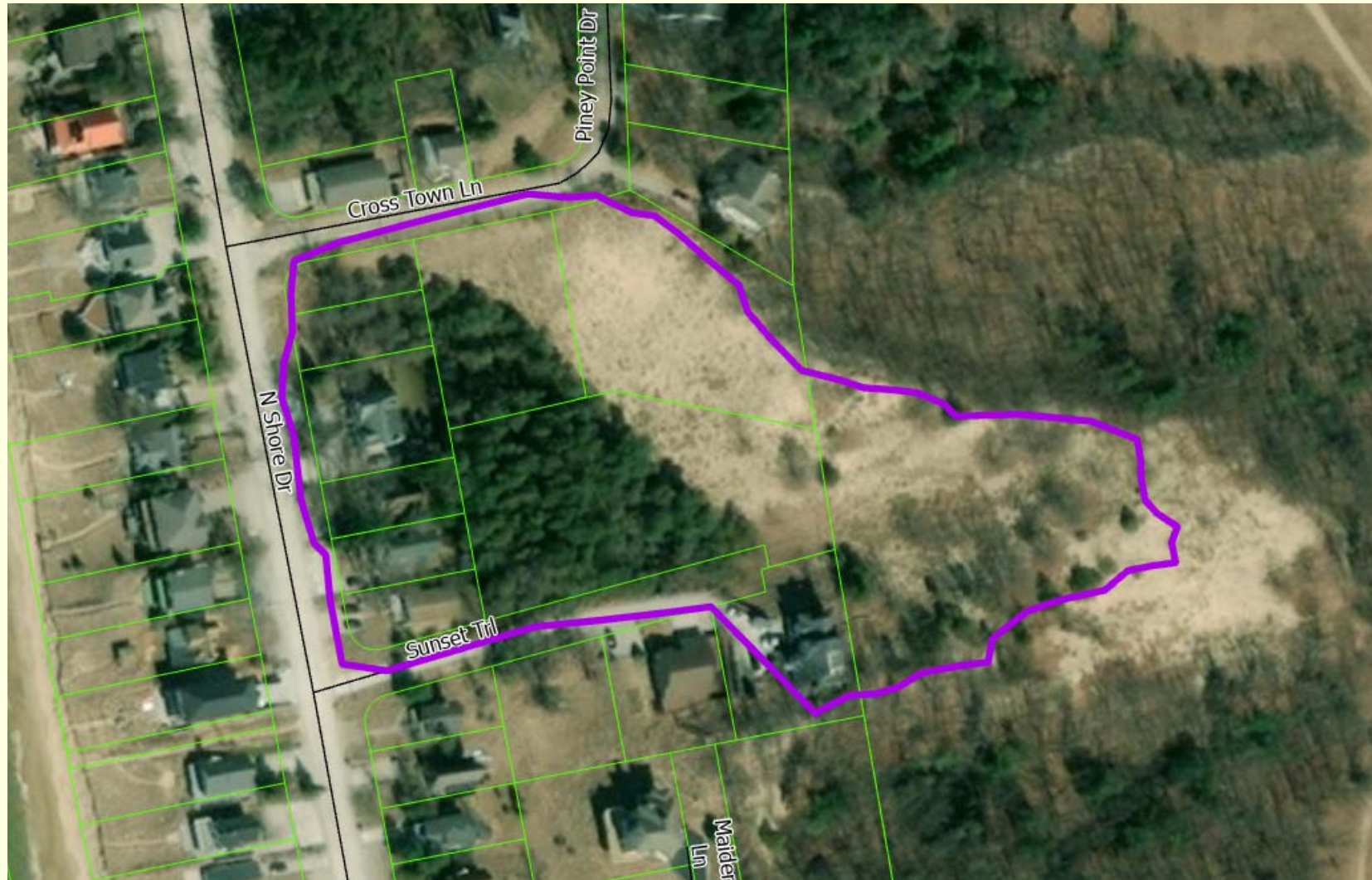


Source: www.bing.com/maps

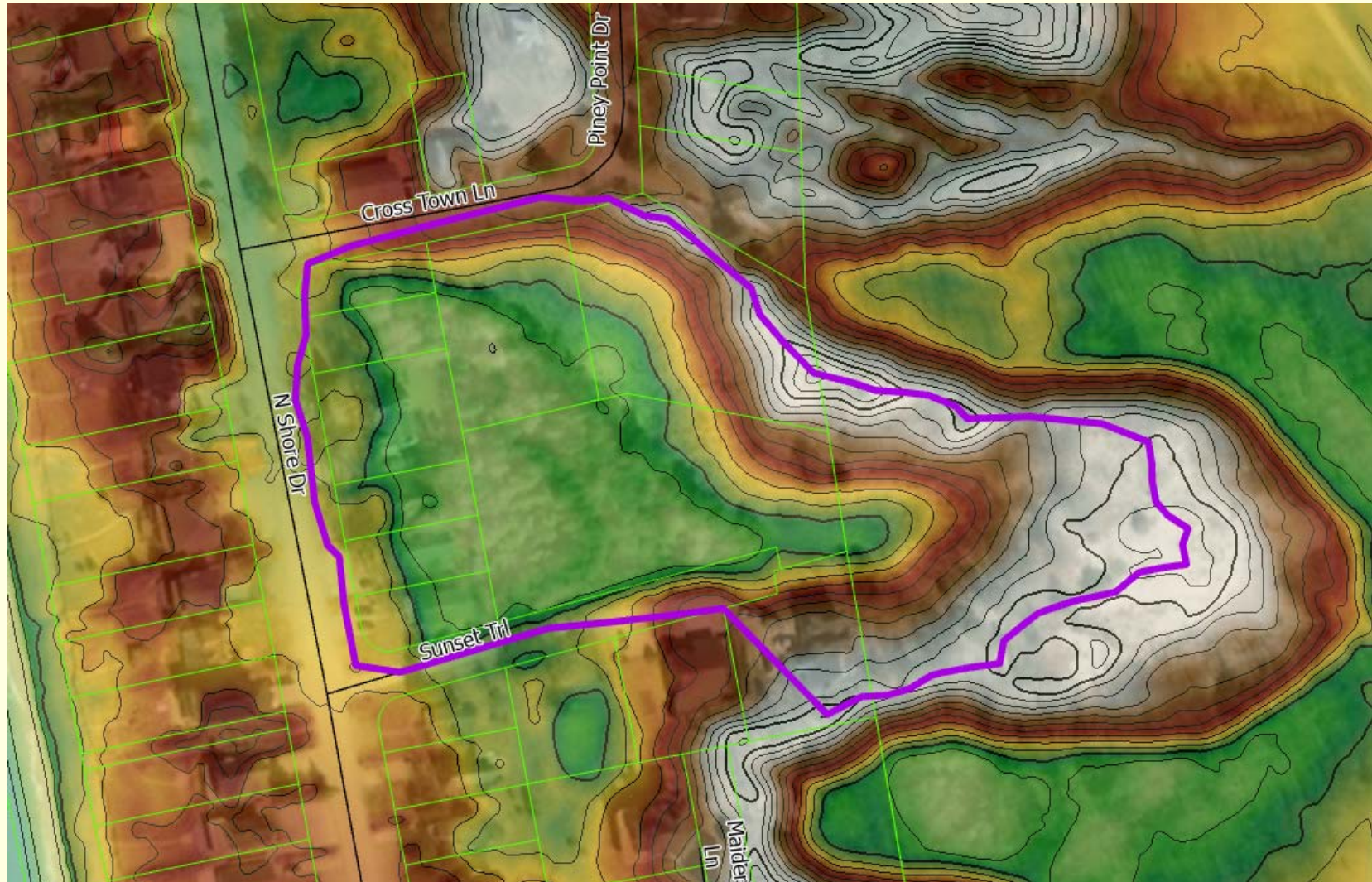
Background/History

- Application for a New Drain
- Watershed: ~5 Acres/0.01 Sq. Mi.
- ~10 Parcels
- Land Use: Residential and Park
- Severe flooding behind 19010, 19018, and 19022 North Shore Drive

Watershed Boundary - Aerial



Watershed Boundary - LiDAR



October 1, 2020

19010 North Shore Drive



October 1, 2020

19010 North Shore Drive



October 1, 2020

19010 North Shore Drive



October 1, 2020

From Sunset Trail



October 1, 2020

From Sunset Trail



October 1, 2020

From Piney Point Drive



Next Steps – If Not Necessary

- No Project
- No New Petition to Establish a Drain for a Period of One Year

Next Steps – If Necessary

- Engineering/Final Design
- Property Acquisition/Easements
- Permitting
- Bidding
- Day of Review
- Construction

Next Steps – If Necessary

- Challenges
 - Feasibility
 - Permitting
 - Easements
 - Project Cost

Questions

Ottawa County Water Resources Commissioner

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