

# HUDSON TRAILS DRAIN

Board of Determination

Ottawa County Water Resources Commissioner

Joe Bush

March 2, 2022

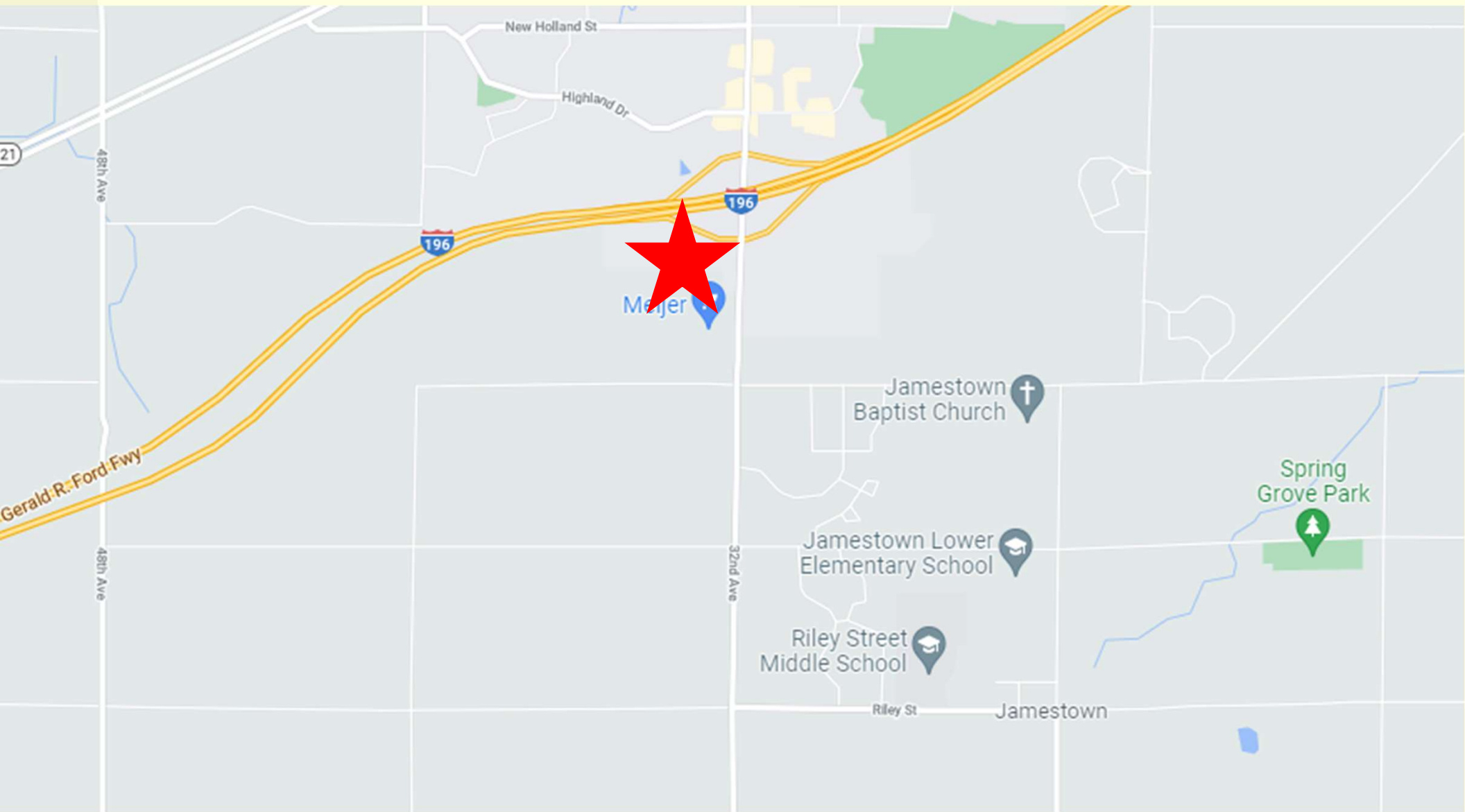


# Outline

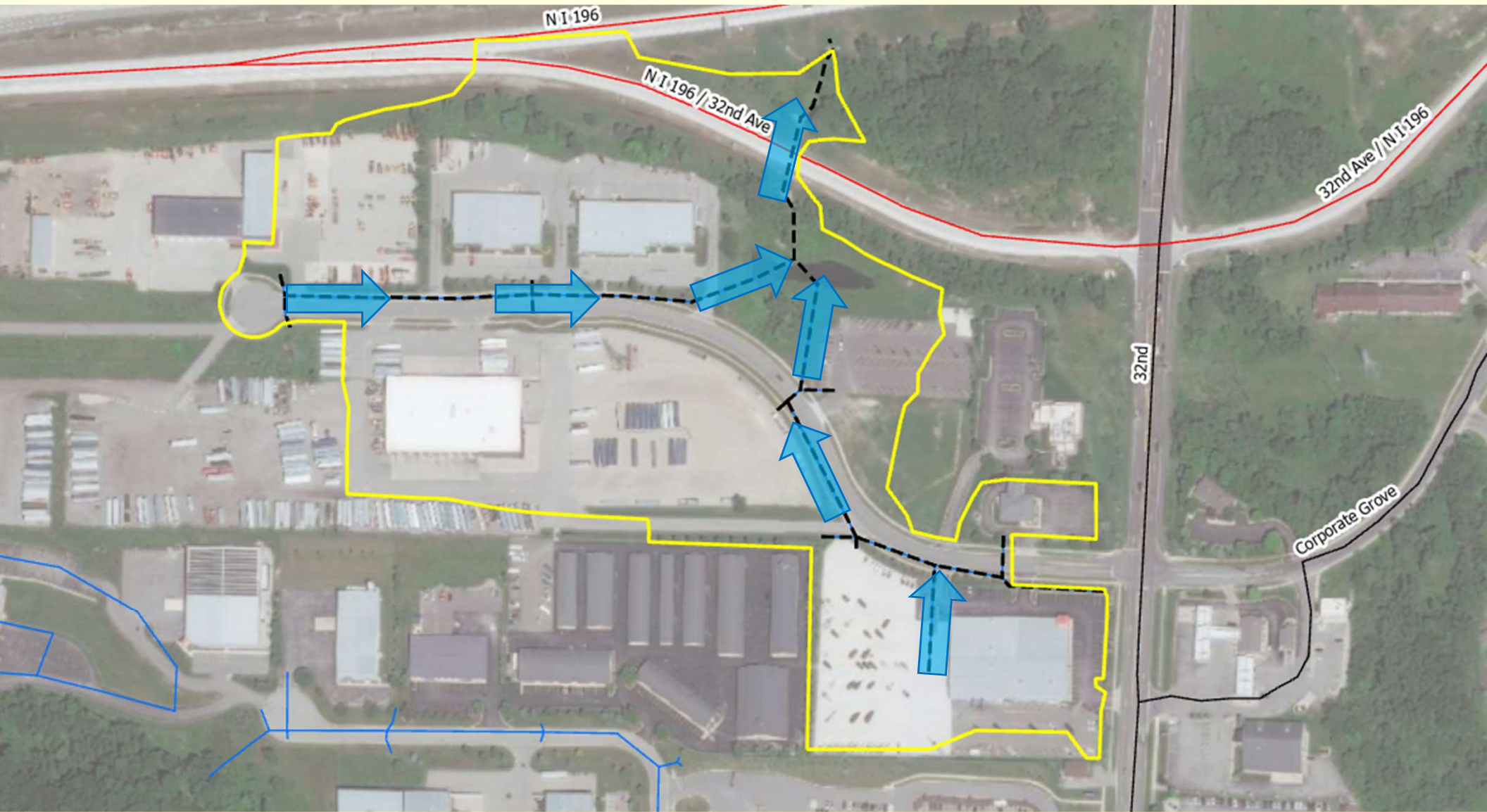
---

- Location
- Background
- Drain Condition/Inspection
- Questions

# Location



# Hudson Trails Drain



# Background/History

---

- Orphan Storm Sewer System
- Watershed – 31 Acres
- Serves a Mixture of Land Use Types
  - Commercial
  - Industrial



# Outlet to MDOT





# Outlet to MDOT





# Upstream Side of Outlet Manhole





# Flared End Section that Outlets Pond





# Pond NW Structure





# Pond SW Structure





# Pond SW Structure





# Pond South Structure





# Pond South Structure





# Drain Condition

---

- Overall Poor Condition
  - Severe Erosion Downstream of Outlet
  - Pond Outlet Working at Limited Capacity
  - Manholes Around Pond Need to be Fixed



---

# Ottawa County Water Resources Commissioner

Joe Bush  
616-994-4530

Paul Forton, P.E.  
989-529-8612

[paulf@spicergroup.com](mailto:paulf@spicergroup.com)

