



October 22, 2019

North Holiday Hills Drain Board of Determination

Prein & Newhof

North Holiday Hills Drain

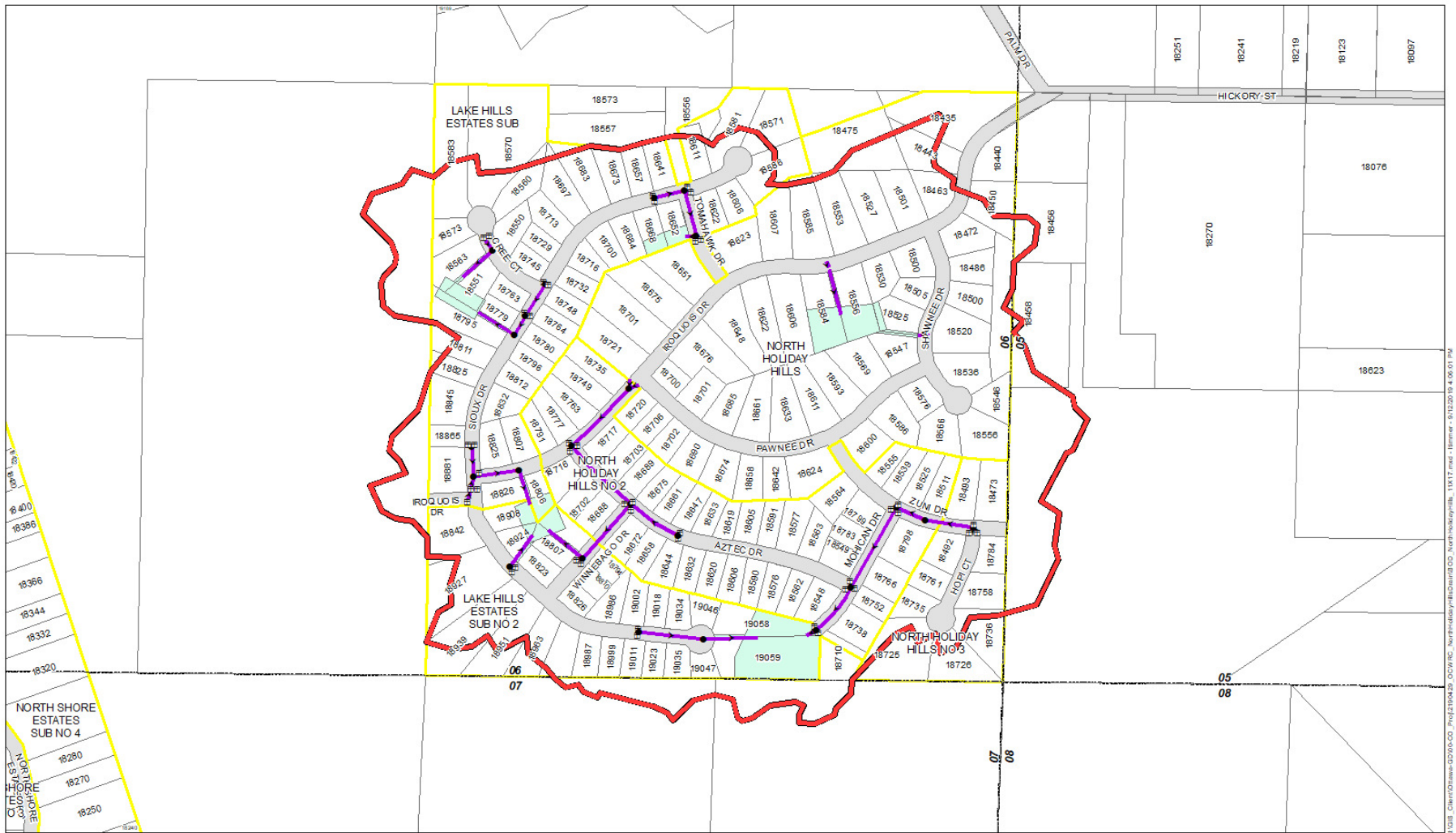
- The existing storm water drain system is an orphan system without authorized local and county governmental jurisdiction and administrative, procedural, and funding mechanisms to address current/future needs for maintenance and improvements.
- Petitioned by Spring Lake Township on July 8, 2019 under Chapter 4 of the Michigan Drain Code of 1956.
- Michigan Drain Code requires a Board of Determination Meeting



North Holiday Hills Drain

- 5 plats are a part of the North Holiday Hills Drain:
 - Lake Hills Estates Subdivision– (1990)
 - Lake Hills Estates Subdivision No. 2 – (1991)
 - North Holiday Hills – (1962)
 - North Holiday Hills No. 2 – (1978)
 - North Holiday Hills No. 3 – (1990)





LEGEND

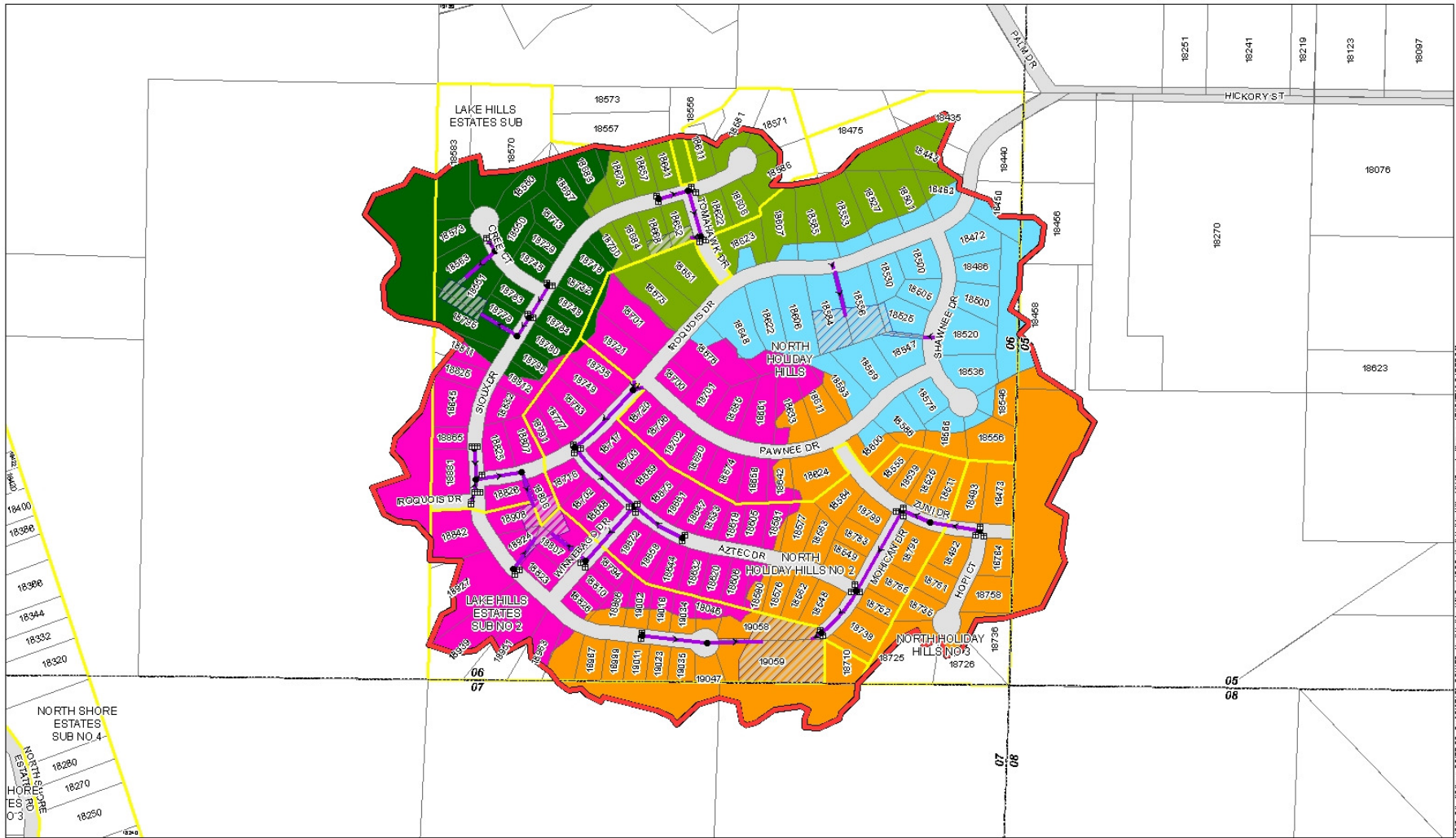
- PROPOSED NORTH HOLIDAY HILLS DRAIN DRAINAGE DISTRICT
- PLAT BOUNDARIES
- PROP. NORTH HOLIDAY HILLS DRAIN
- DRAIN EASEMENT
- CATCH BASIN
- RIGHT OF WAY
- MANHOLE

SCALE: 1" = 400'

OTTAWA COUNTY WATER RESOURCES COMMISSIONER
 SECTIONS 5, 6, AND 7
 SPRING LAKE TOWNSHIP
**NORTH HOLIDAY HILLS DRAIN
 DRAINAGE DISTRICT**
 OCTOBER 2019
 Prein & Newhof
 216428

Current Drainage District and Route and Course





LEGEND

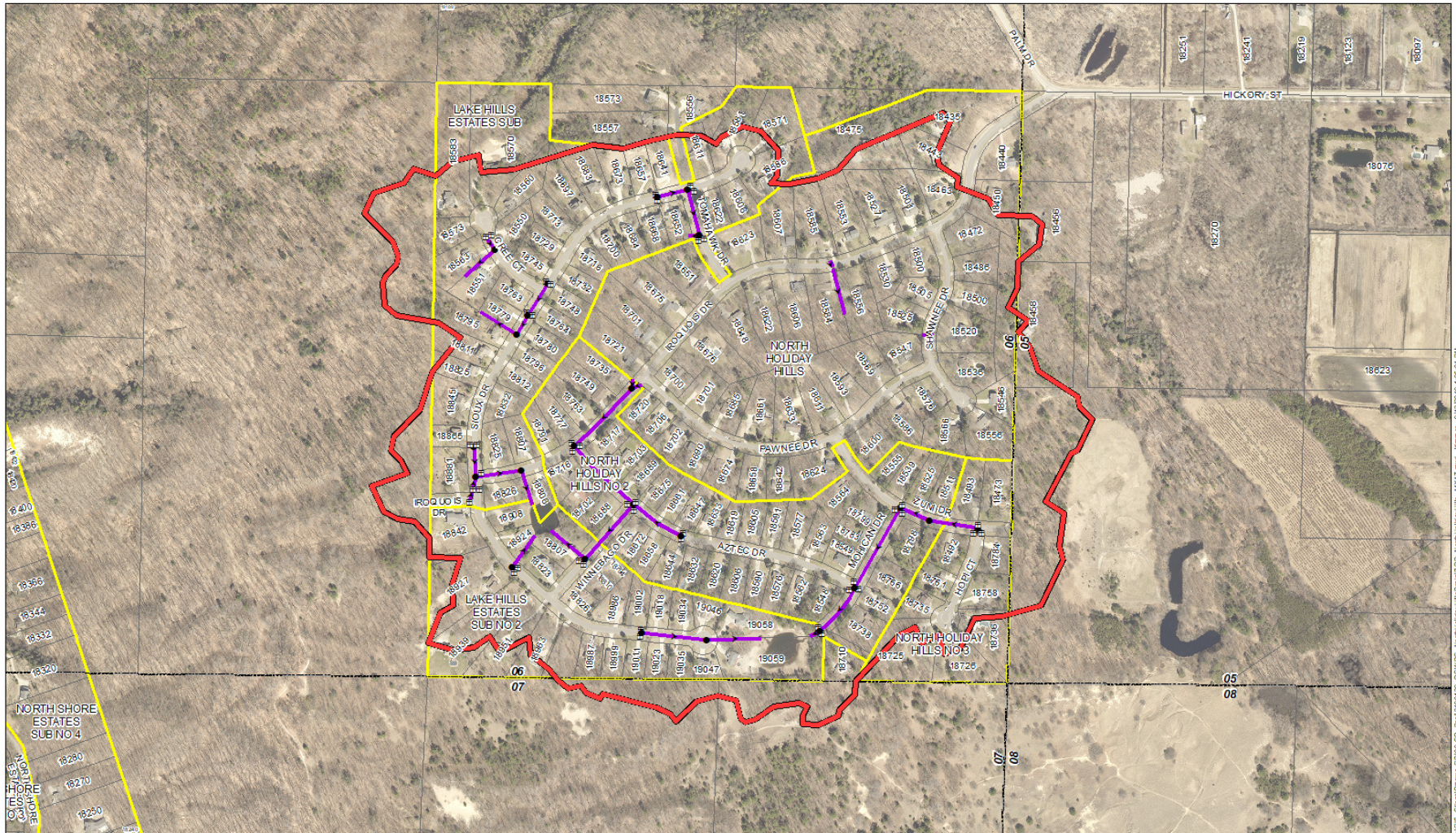
- PROPOSED NORTH HOLIDAY HILLS DRAIN DRAINAGE DISTRICT
- PROPOSED NORTH HOLIDAY HILLS DRAIN
- CATCH BASIN
- MANHOLE
- SUBDISTRICT #1
- SUBDISTRICT #2
- SUBDISTRICT #3
- SUBDISTRICT #4
- SUBDISTRICT #5
- PLAT BOUNDARIES
- DRAIN EASEMENT
- RIGHT OF WAY

SCALE: 1" = 400'

OTTAWA COUNTY WATER RESOURCES COMMISSIONER
SECTION 5, 6, & 7 SPRING LAKE TOWNSHIP
NORTH HOLIDAY HILLS DRAIN DRAINAGE DISTRICT
OCTOBER 2019
Prein & Newhof
210420

Current Drainage District and Route and Course





GIS Client: Ottawa-GD060000-Proj2104425 OCT19 OCT19 North Holiday Hills, 11/17/2019 4:06:01 PM

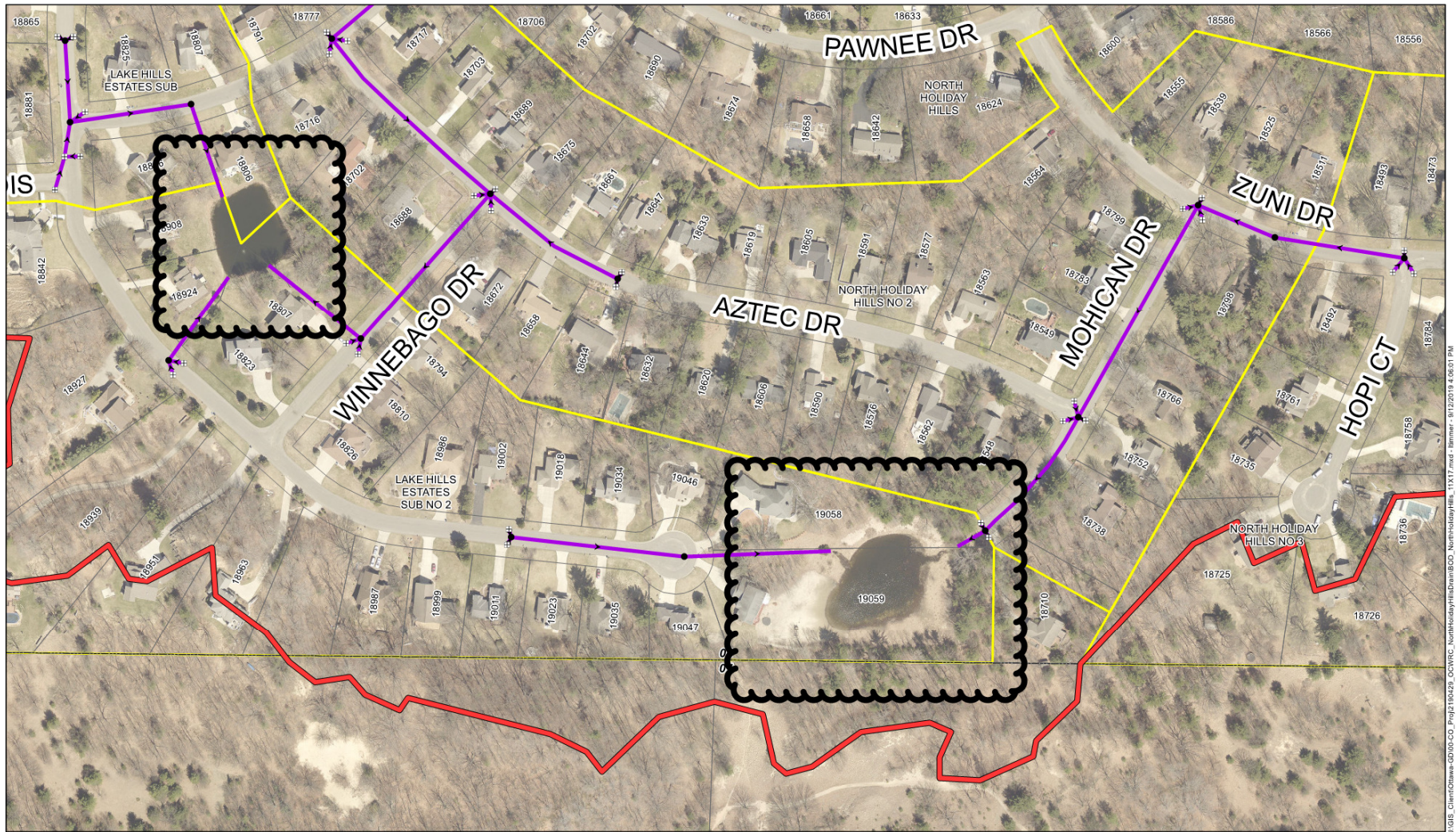
LEGEND



- PROPOSED NORTH HOLIDAY HILLS DRAIN DRAINAGE DISTRICT
- PLAT BOUNDARIES
- PROP. NORTH HOLIDAY HILLS DRAIN
- CATCH BASIN
- MANHOLE

OTTAWA COUNTY WATER RESOURCES COMMISSIONER
 SECTIONS 5, 6, AND 7
 SPRING LAKE TOWNSHIP
**NORTH HOLIDAY HILLS DRAIN
 DRAINAGE DISTRICT**
 OCTOBER 2019
 Prein & Newhof
 216242

Current Drainage District and Route and Course



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 SCALE: 1" = 150'

- LEGEND**
-  PROPOSED NORTH HOLIDAY HILLS DRAIN DRAINAGE DISTRICT
 -  PROP. NORTH HOLIDAY HILLS DRAIN
 -  CATCH BASIN
 -  MANHOLE
 -  PLAT BOUNDARIES

OTTAWA COUNTY WATER RESOURCES COMMISSIONER
 SECTIONS 5, 6, AND 7
 SPRING LAKE TOWNSHIP
**NORTH HOLIDAY HILLS DRAIN
 DRAINAGE DISTRICT**
 OCTOBER 2019
 Prein&Newhof
 2190429

North Holiday Hills Drain – Retention Ponds and High Groundwater





Retention Pond/Easement Area #5 – looking north
towards 18702 Aztec Drive (6/10/19)

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Retention Pond/Easement Area #5 – Looking north
towards 18702 Aztec Drive (6/10/19)

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Retention Pond/Easement Area #5 – Ponding at back of
18702 Aztec Drive (6/10/19)



Retention Pond/Easement Area #5 – Ponding at back of
18823 Winnebago Drive (6/10/19)



Retention Pond/Easement Area #4 – looking west from
19059 Sioux Drive (6/10/19)



Retention Pond/Easement Area #4 – backyard of 19059
Sioux Drive (6/10/19)

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North Holiday Hills Drain

- Next Steps
 - 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 orphan system will become a county drain.
 - If issues are brought up about this drain during this meeting, a project may occur to fix these problems; otherwise, nothing else will be done at this time.
 - In the future, a petition is needed to maintain the county drain if the project costs more than \$5,000 per mile of drain (per Drain Code). Assessment will be made to Ottawa County, Ottawa County Road Commission, Spring Lake Township, and property owners.

