



June 28, 2022

Red Maple Estates Drain Board of Determination

Red Maple Estates 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
- Holland Charter Township filed a Petition to Establish a Drainage District on March 3, 2022.
- Michigan Drain Code requires a Board of Determination Meeting



Red Maple Estates Drain Preliminary Engineering

- Review utility record drawings
 - Red Maple Estates Site Condos (2003)
- Delineate the drainage district (watershed) boundary using county GIS contour data and aerials
- Visit site to locate drain infrastructure and confirm drainage patterns





SCALE: 1" = 200'

LEGEND

- ▭ RED MAPLE ESTATES DRAINAGE DISTRICT
- ▬ RED MAPLE ESTATES DRAIN - STORM SEWER
- ▭ RED MAPLE ESTATES DRAIN DETENTION POND
- ▬ OTHER WATER COURSES
- ▬ STORM SEWER
- ⊕ CATCH BASIN
- MANHOLE
- ▭ EASEMENT

OTTAWA COUNTY WATER RESOURCES COMMISSIONER

SECTIONS 16 & 17
HOLLAND CHARTER TOWNSHIP

**RED MAPLE ESTATES DRAIN
DRAINAGE DISTRICT AND ROUTE AND COURSE**

Prein & Newhof
2211128

Red Maple Estates 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.



Red Maple Estates Drain – Next Steps

- If the drain is deemed necessary by the board and no drainage issues are brought up during public testimony or post public testimony, then...
 - Holland Charter Township, Ottawa County, and the Ottawa County Road Commission pay all costs of establishing the drain.



Red Maple Estates Drain – Next Steps

- If the drain is deemed necessary by the board and during public testimony or following public testimony OCWRC is made aware of drainage issues with the existing system, 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 Holland Township at large, Ottawa County and Ottawa County Road Commission and parcels within the district.



Red Maple Estates Drain – Next Steps

- If drainage issues occur in the future, then...
 - A petition is needed (by the township or the residents of the drainage district) to maintain the county drain if the project costs more than \$5,000 per mile of drain (per Drain Code).
 - Assessments for all future projects will be made to Ottawa County, Ottawa County Road Commission, Holland Township, and property owners.

