



**MWRD
Stormwater
Partnership
Program**





Agenda

Local Stormwater
Partnership Program

2020 Project Summary

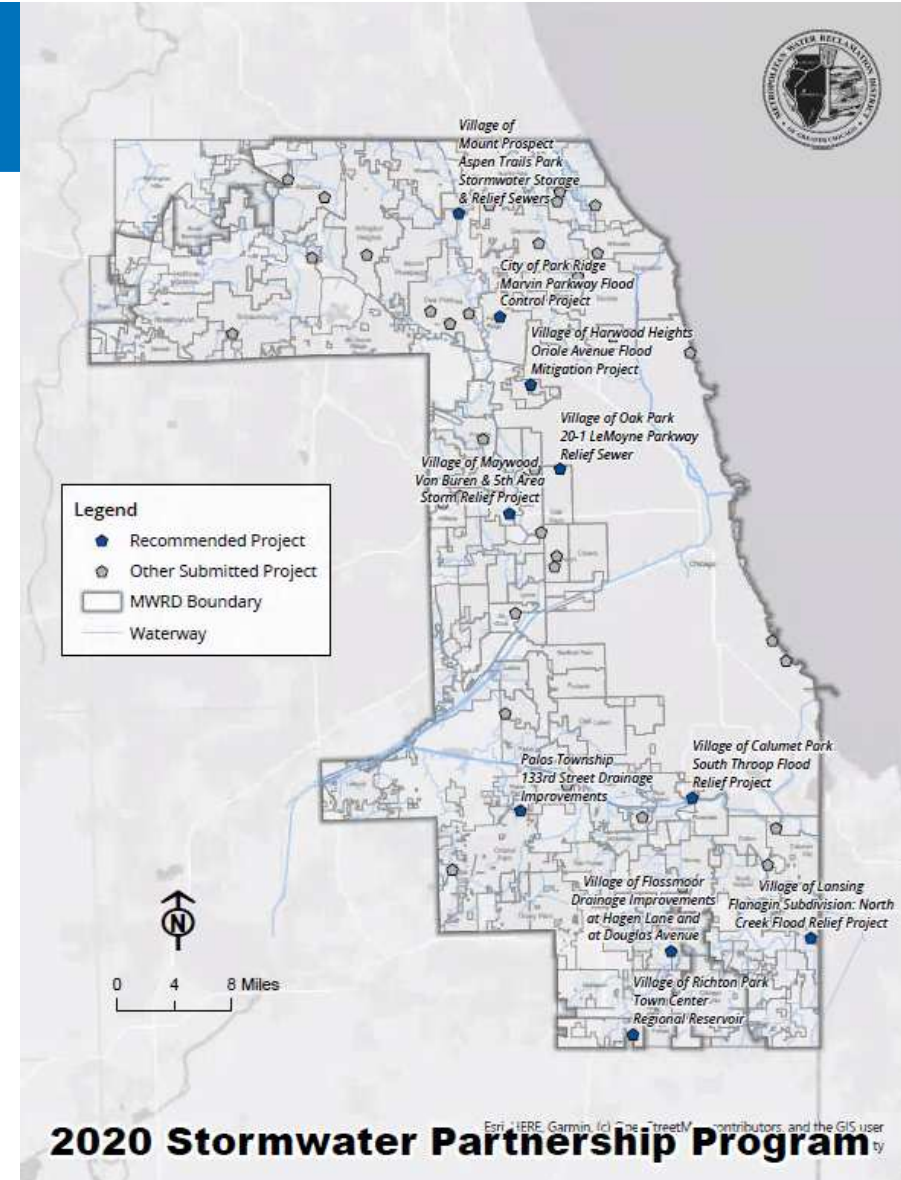
Conceptual Projects

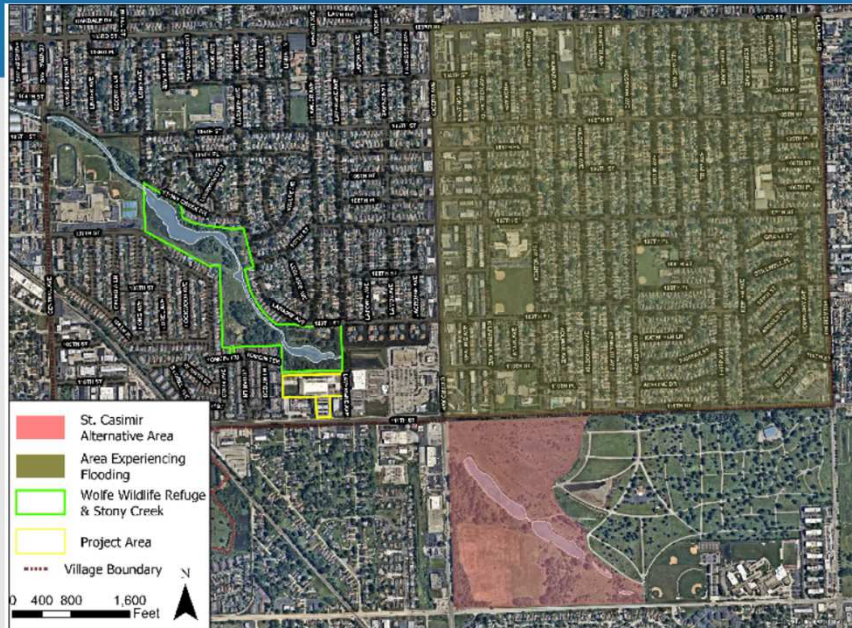
Flood-Prone Property
Acquisitions



2020 Local Stormwater Projects

- 46 applications received
- 10 shovel-ready projects accepted
- Approximately 1,351 structures projected to benefit
- MWRD Contribution approximately \$16 million





- Conceptual projects are stormwater projects for areas impacted by flooding but the Applicant is in need of resources to investigate and develop potential solutions.
- The MWRD will partner with municipalities to identify solutions and potential funding sources for project implementation.

What are Conceptual Projects?



Thorn Ditch Flood Mitigation Project in South Holland

- Submitted by the Village of South Holland in 2018 Call for Projects and selected as a Conceptual Project
- Project objectives:
 - Identify a solution to mitigate flooding along Thorn Ditch
 - Prepare 30% engineering plans
- Project started late 2019 and will be completed in February this year.

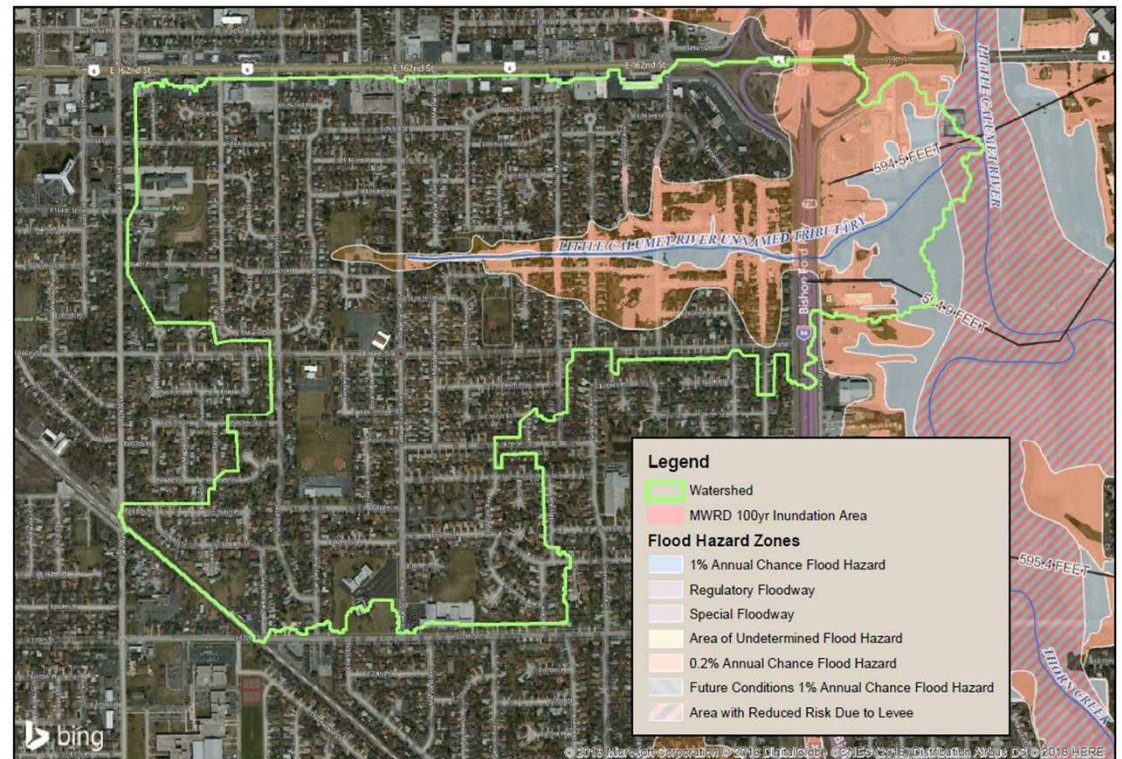
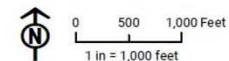


Exhibit D-1: Thorn Ditch Watershed and Flood Hazard Areas

Thorn Ditch Flood Mitigation Project
South Holland

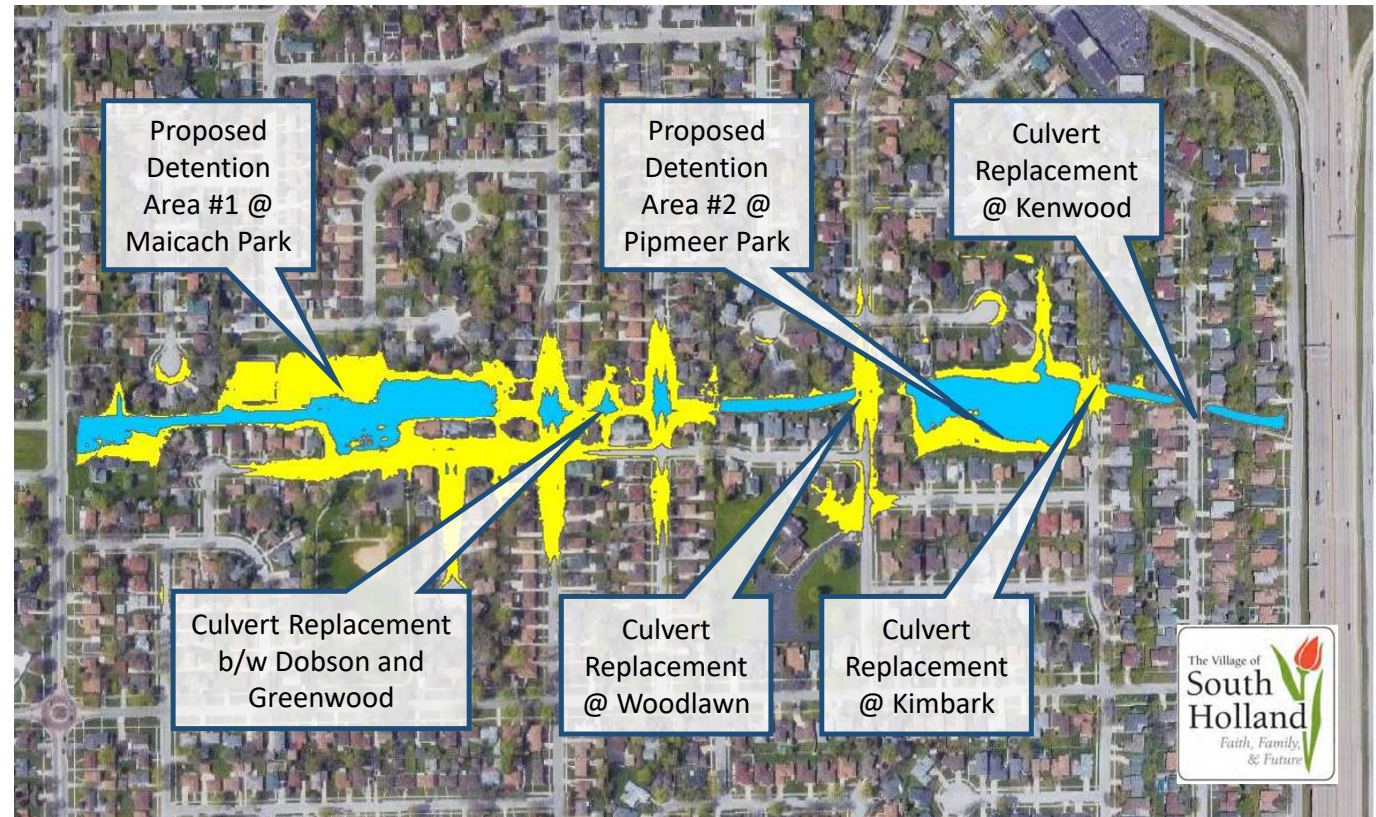
10089430mwatering/03/Phase #ThornDitchStudyArea.mxd JC 11/20/2018





Thorn Ditch Flood Mitigation Project in South Holland

- Partnership with the Village to study existing conditions and evaluate alternatives
- Preferred solution: a combination of storage and conveyance solution
- Significantly reduce the number of impacted properties up to the 100-year storm event.





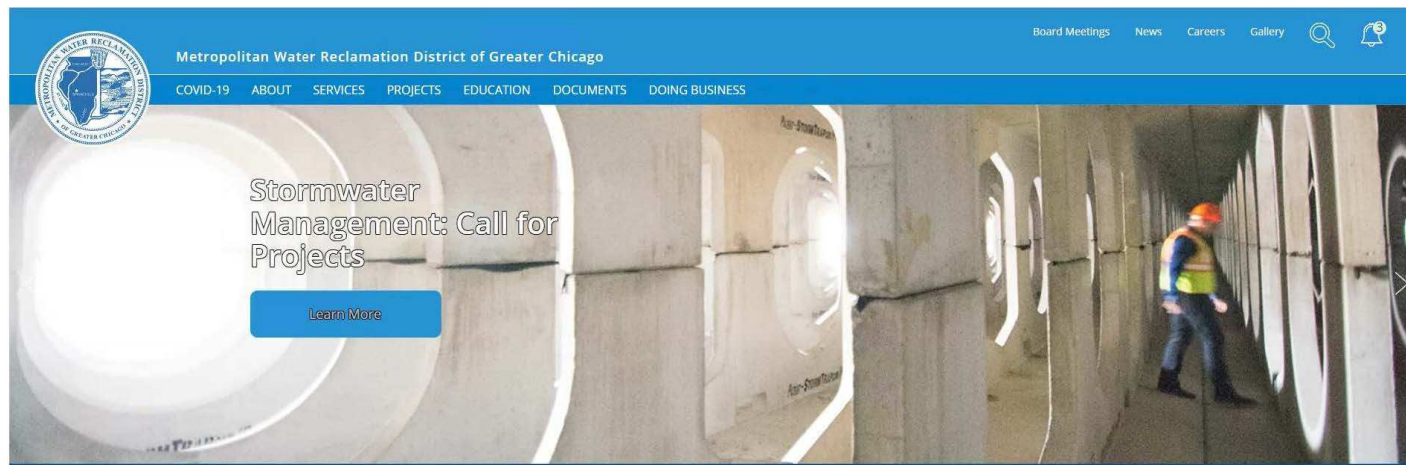
Online Application

Website: <https://mwr.org/stormwater-management-1> for more information and for the digital application form.

You can also download the form and email it once completed to: stormapps@mwr.org

Items marked with an asterisk * are required.

Note that there are also required attachments: maps of flooding locations and documentation of flooding problems





Eligibility Requirements

Projects must provide benefits within MWRD corporate boundaries

Must address structure flooding, not nuisance flooding

Partners must have ownership or perpetual easement over project site before construction begins

Applicants must be public entities willing to enter into IGAs

Maintenance projects or projects that are due to lack of maintenance will not be considered





Evaluation Criteria



- Estimated area of flooding impact (acres)
- Socioeconomic need of community
- Propensity of nearby flooding (including frequency and severity)
- MWRD may also consider whether Applicants are in compliance with all MWRD ordinances (for example, WMO and Inflow & Infiltration Control Program)



Flood-Prone Property Acquisitions



2020 Flood-Prone Property Acquisitions

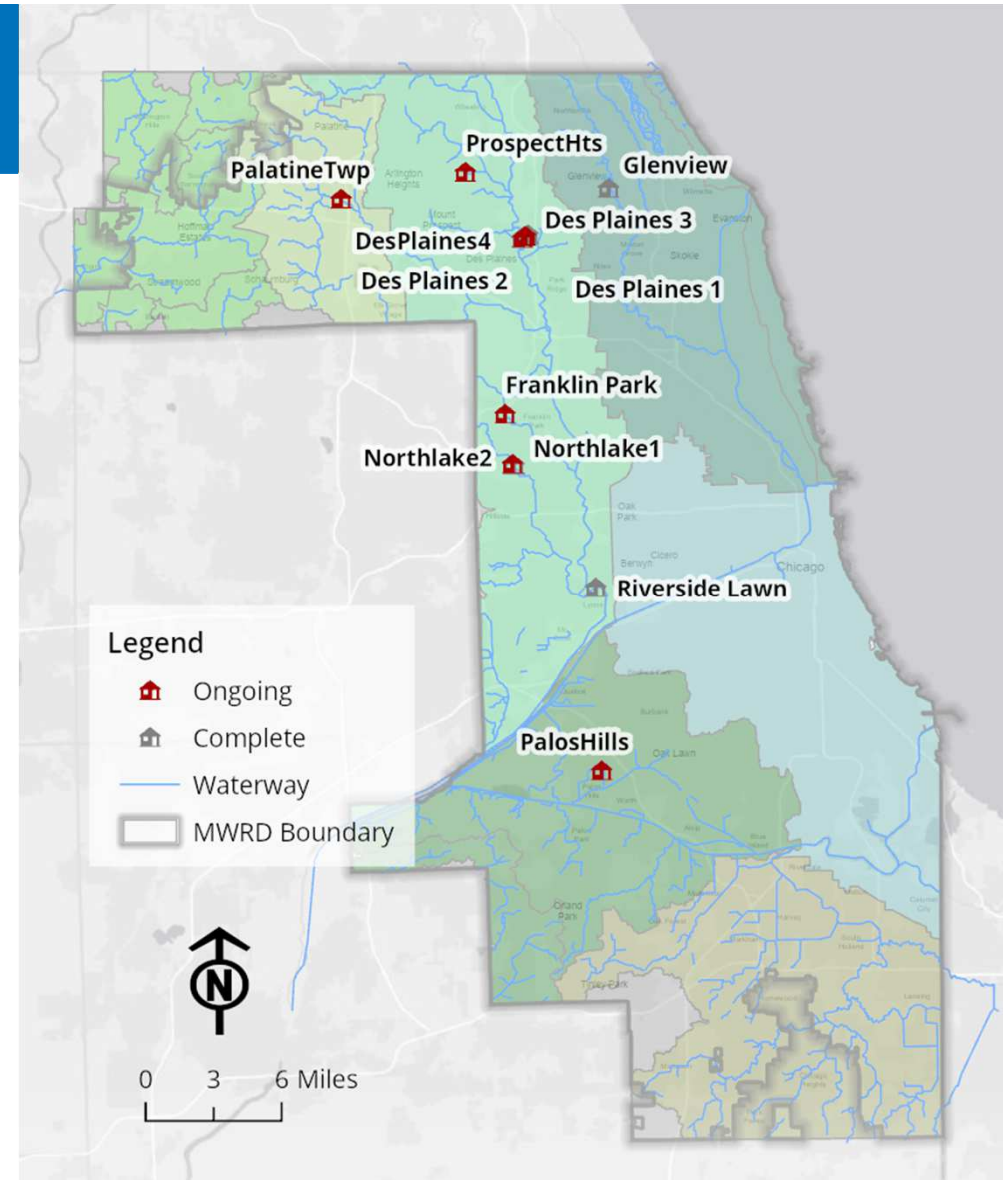
- 3 Applications accepted
- 7 homes removed from floodplain
- MWRD Contribution: \$1.7 million





Flood-Prone Property Acquisition Program

- **Local Sponsor Assistance Program**
 - Facilitate FEMA's program and assist local sponsor communities.
- **Local Government Application Program**
 - Assist local governments in acquiring properties in flood-prone areas.
 - Properties in floodway/ floodplain; benefit-cost ratio; # structures
- Selected partners execute an IGA with the MWRD
- Electronic applications will be accepted by municipalities via our website, www.mwrdd.org/stormwater-management-1
- Applications due March 12, 2021





Eligibility Requirements



- Program is voluntary
- Homes must be located in the FEMA 100-year floodplain or the DWF Inundation area
- Homes must be demolished and maintained perpetually as open space

- Applicant is responsible for legal fees, closing costs and demolition of structures
- Applicants must enter into an IGA with the MWRD
- Priority will be given to applicants receiving FEMA funding





Questions?

