

Stormwater Infrastructure Repair Fund Eligibility Authorization Form

Disclaimer: Approval of the project described herein is an acknowledgement of potential program eligibility only and in no way authorizes payment of funds, reimbursement of expenses incurred for the project and does not guarantee any future funding for the project. Funding may be available once the project has met all the eligibility requirements and a project agreement has been approved and executed by the Commission.

Applicant Jurisdiction (s) (Community, Township, HOA)	Warren Township Highway Department		
Brief Project Title	N Grandwood Drive Drainage Improvements		
General Location	N Grandwood and North Streamwood Drives		
Contact Person	Amy Sarver		
Address	17801 W Washington Street		
City, State Zip	60031	Phone	847-244-1101 x 3
Resource Request			
<input checked="" type="checkbox"/> SIRF Funds <input type="checkbox"/> SMC Staff Capacity <input type="checkbox"/> Combination Funds and Staff			
Project Description (use additional sheets if necessary): Remove 15" and replace with 24" (between 37284-37294 N Grandwood Park). Construction of new 30" storm sewer along N Grandwood Drive and on LCPW property, discharging into existing swale directly upstream of Mill Creek. Existing 24" to remain. Construction of new 18" storm sewer to sag on N Grandwood Drive between Streamwood and Hutchins. Project may include enhancement to existing swale on LCPW property as well as educational information at the Grandwood Park property and to area residents.			

Cost Estimate	\$705,000	Applicant Share	\$352,500	SIRF Share	\$352,500
In-Kind Service Person Hours	Applicant	0	SMC	8	
In-Kind Service Description	Assistance generating or providing phosphorus reduction, or similar educational material for area residents.				

Project Timing Start Date 01/1/2024 Completion Date 10/01/2025

Summary of Project Area Damages (Quantify Below # and type of damages incurred or threatened to occur)

<u>Damage Priority</u>	<u>Flood Damage Type</u>	<u>Number of Occurrences</u>	<u>Frequency of Occurrences (e.g. Every Year, every two years)</u>
1	Structural Damage		
2	Flooded Building		
3	Health and Safety	1	Every year
4	Road Flooding	2	Multiple times per year
5	Disruption of Revenue		
6	Parking Lot Flooding		
7	Nuisance Flooding	19	Every year

Summary of Project Benefits (how much of the quantified damage is to be relieved and to what extent)

Flood hazard reduction for events up through the 100-year event; 2 local roads, 17 SFH, 1 public facility and 1 private land owner.

Statement of Local Commitment (assurance that applicant has sufficient matching funds and staff capacity)

Project will be maintained by the WTHD, cost share funded by the WTHD.



Signature of Authorized Representative of the Cost Sharing Entity

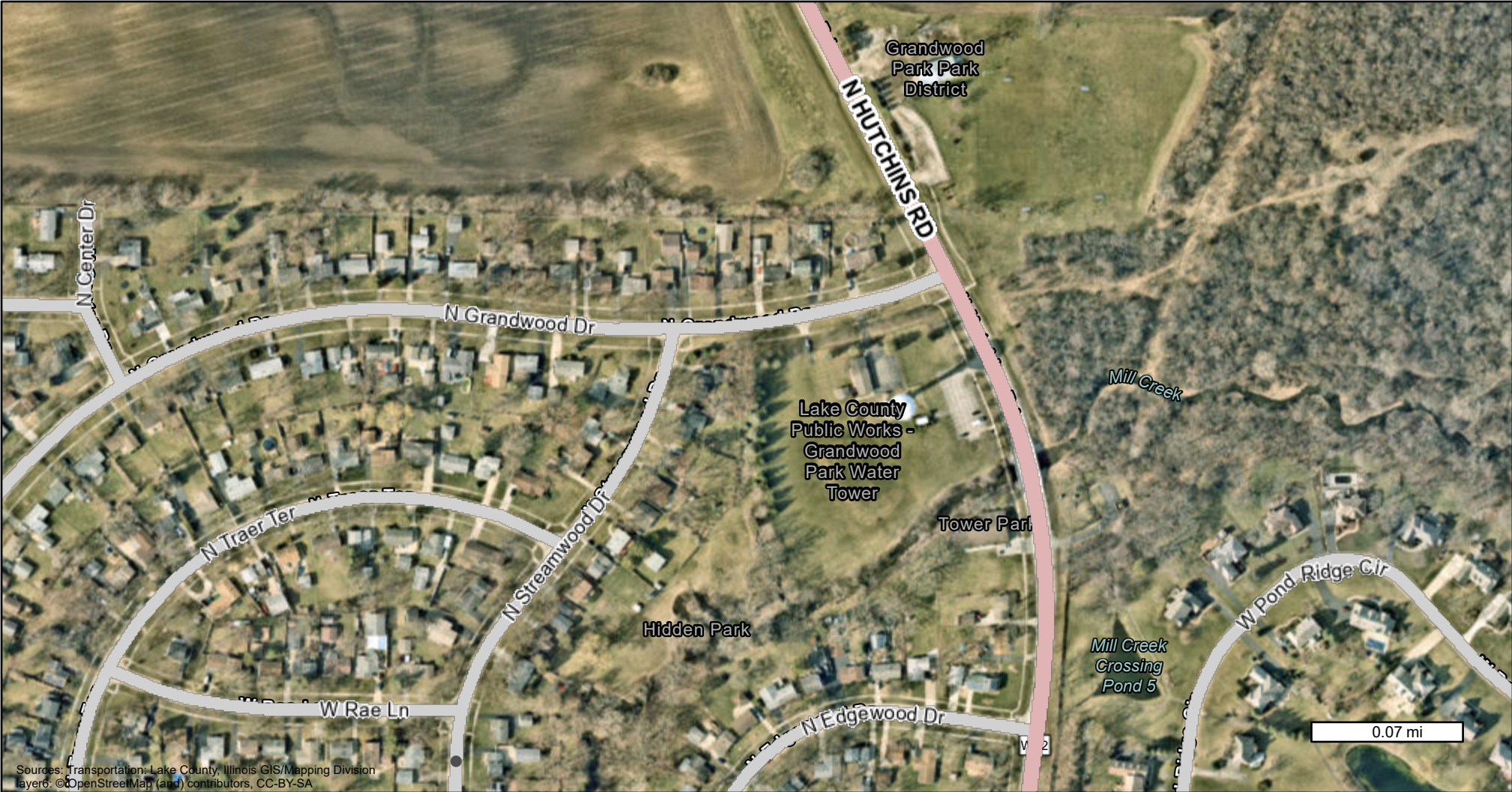


Spell Name Above

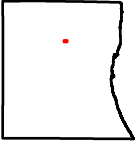
Requested Attachments:

1. Location Map
2. Detailed project Description
3. Detailed (per criteria) Statement on Benefits, including quantifiable benefits.
4. Statement of compliance with SMC policies, local plans and Ordinance
5. Other comments or supporting documents.


N Grandwood Drive Drainage Improvements




Sources: Transportation: Lake County, Illinois GIS/Mapping Division
 Layer: ©OpenStreetMap (and) contributors, CC-BY-SA



Lake County, Illinois



Map Printed on 9/13/2024



Road Labels

Roads

CFCC2

- Freeways

US Highways

State or County Highways

Local Streets

Ramps

Other thoroughfare

Disclaimer: The selected feature may not occur anywhere in the current map extent. A Registered Land Surveyor should be consulted to determine the precise location of property boundaries on the ground. This map does not constitute a regulatory determination and is not a base for engineering design. This map is intended to be viewed and printed in color.

N Grandwood Drive Drainage Improvements



N GRANDWOOD DRIVE DRAINAGE IMPROVEMENTS
SIRF SUPPLEMENTAL INFORMATION

FUNDING REQUEST:

As part of this WMB application, the Township is requesting consideration for additional funding opportunities available (e.g. WMB, DCEO etc). The requested match amount is based on a 50% cost share of the total project cost. The Township has a maximum of \$400,000 available for this project in 2025. The total additional funding required to fully complete the project in 2025 would be approximately \$300,000. Alternatively, the Township will move the project forward in phases. With the first phase including engineering design for approximately \$126,000

PROJECT INFORMATION:

Remove 15" and replace with 24" (between 37284-37294 N Grandwood Drive). Construction of new 30" storm sewer along N Grandwood Drive and on LCPW property, discharging into existing swale directly upstream of Mill Creek. Existing 24" to remain. Construction of new 18" storm sewer to sag on N Grandwood Drive between Streamwood and Hutchins. Project may include enhancement to existing swale on LCPW property as well as educational information at the Grandwood Park property and to area residents.

INTERJURISDICTIONAL BENEFITS:

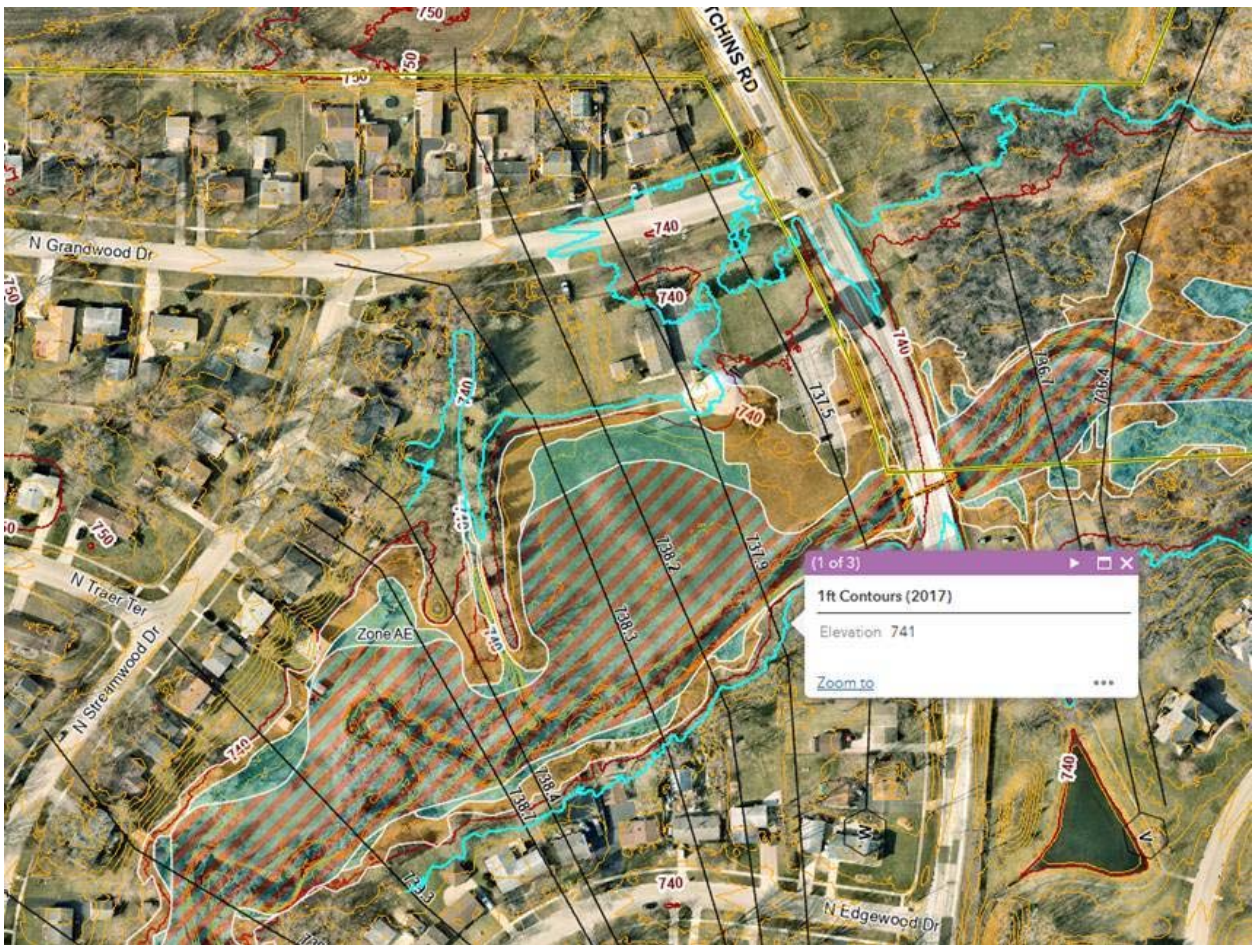
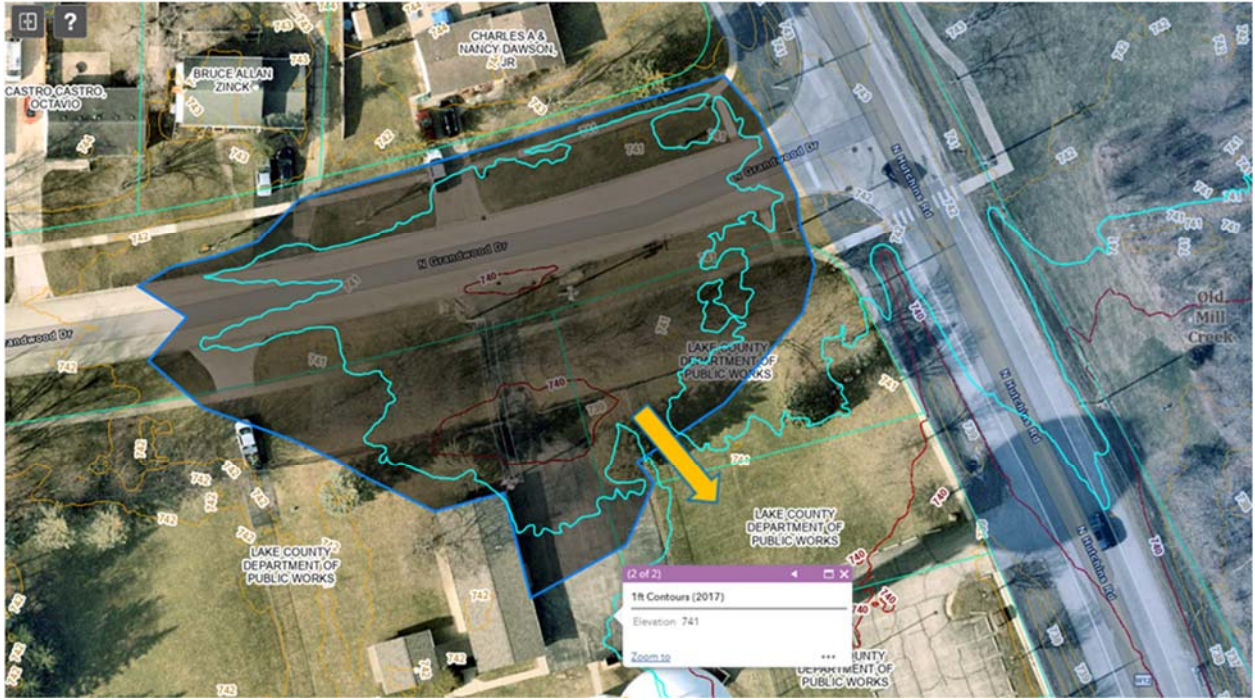
Project will benefit 2 local township roads, LCPW facility/property, undeveloped property owned by the Tempel Smith Trust, approximately 17 SFH. Although, flood heights do not appear to extend into LCDOT ROW (Hutchins) the HWL extends almost to their ROW limits. Flooding of Grandwood also indirectly impacts over 100 homes, by impacting access to residential homes in the area.

STATEMENT OF COMPLIANCE:

The project design complies with SMC policies, local plans and Ordinances.

Sag along Grandwood Drive between Streamwood and Hutchins:





Tributary area to Tempel Smith property depression (served by proposed 24" between lots)

