

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)	Grant Township Highway Department		
Brief Project Title	Grant Township South Shore Long Lake Drainage Improvements		
General Location	Grant Township – Various Locations South of Long Lake		
Contact Person	Daniel Vanek, PE, CFM		
Address	625 Forest Edge Drive		
City, State Zip	Vernon Hills, Illinois 60061	Phone	(847) 478-9700
Resource Request			
<input checked="" type="checkbox"/> SIRF Funds <input type="checkbox"/> SMC Staff Capacity <input type="checkbox"/> Combination Funds and Staff			
<p>Project Description (use additional sheets if necessary):</p> <p>The proposed stormwater improvements are located in unincorporated Grant Township within the Fox River Watershed. There are 5 locations just south of Long Lake that are currently experiencing flooding problems. The 5 locations will either be constructed as one project or broken out into phases depending on construction cost. The flooding at these locations floods homes causing structural damage and also presents a hazard for both vehicles and pedestrians, obstructing access to the area, including for emergency vehicles. The proposed project includes grading new swales and installing a new storm sewers designed to mitigate the current flooding issues. The proposed project will significantly reduce flooding throughout the south shore of Long Lake community, ensuring safer access for local residents and emergency vehicles, eliminating building flooding and structural damage, and protecting downstream water quality. The Grant Township Highway Department will fund the project and is seeking grant funding from the Lake County Watershed Management Board to support the engineering design and construction of these stormwater improvements. The engineering and construction management will be done by Gewalt Hamilton and Associates. The 5 locations are:</p> <ol style="list-style-type: none"> 1. Decorah Ave and St Olaf Ave – roadway flooding, health and safety, and nuisance flooding. 2. St Olaf Ave and James Ave – structural damage, flooded building, health and safety, road flooding, nuisance flooding. 3. Stoughton St and James Ave – structural damage, flooded building, health and safety, road flooding, nuisance flooding. 4. Chicago Ave and James Ave – structural damage, flooded building, health and safety, road flooding, nuisance flooding. 5. Lake Ave – roadway flooding, health and safety, and nuisance flooding. <p>See the attached cover letter for more information.</p>			

Cost Estimate	\$503,621	Applicant Share	\$403,621	SIRF Share	\$100,000
In-Kind Service Person Hours	Applicant	N/A	SMC	N/A	
In-Kind Service Description	N/A				
Project Timing	Start Date	01/2025	Completion Date	09/2025	

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	1	2-year storm event & greater
2	Flooded Building	4	2-year storm event & greater
3	Health and Safety	8	2-year storm event & greater
4	Road Flooding	10	2-year storm event & greater
5	Disruption of Revenue	0	2-year storm event & greater
6	Parking Lot Flooding	0	2-year storm event & greater
7	Nuisance Flooding	7	2-year storm event & greater

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

- Structural Damage and Building Flooding – Structural damage and building flooding is occurring at 34841 James Avenue, 34855 James Avenue, 25278 Stoughton Street, and 25297 Chicago Avenue. The proposed improvements will eliminate this structural damage and building flooding for the 10-year storm. The improvements will further eliminate this structural damage and building flooding for the 100-year storm for 34841 James Avenue.
- Road Flooding and Health and Safety – Road flooding is occurring at multiple locations. This impacts the health and safety of the local residents as it limits access of emergency vehicles and creates unsafe driving conditions. Currently, the Decorah Avenue and St Olaf Avenue intersection floods, stormwater overflows over St Olaf Avenue and over Stoughton Street, stormwater flows down James Avenue, and Lake Avenue floods. The proposed improvements will eliminate all this roadway flooding for the 10-year storm. The improvements will further eliminate this roadway flooding for the 100-year storm for St Olaf Avenue in from of 34841 James Avenue.
- Nuisance Flooding – Nuisance flooding currently occurs at all project locations, flooding front yards, rear yards, and side yards. The proposed improvements will eliminate the nuisance floods in the 10-year storm event.

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

The Grant Township Highway Department has the funds available to complete the project and will hire Gewalt Hamilton and Associates for the engineering and construction management.



Signature of Authorized Representative of the Cost Sharing Entity

Kim Kiesgen, Grant Township Highway Commissioner

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.