

## 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)	Village of Mundelein		
Brief Project Title	Wellington Avenue Stormwater Management Improvements		
General Location	101 Wellington Avenue		
Contact Person	Adam Boeche		
Address	801 Allanson Rd.		
City, State Zip	Mundelein, IL 60060	Phone	847-949-3290
<b>Resource Request</b>			
<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): Runoff from the 16-acre tributary for the Wellington Avenue area drains to a low point in front of the 101 Wellington Avenue property. The area experiences frequent street and private property flooding. The storm sewer system in the area is shallow and flat, resulting in it being overwhelmed by moderate rainfall events and creating ponding on the street and private property up to 14 inches. In August 2017, the Village purchased the property at 101 Wellington and relocated to the home that existed to create about 0.21 ac.-ft. of surface storage at that time.  The project includes adding 0.35 ac.-ft. of detention at 101 Wellington Avenue, which will reduce on-street and private property flooding. The scope of work also includes the addition of 250 feet of 12" storm sewer and three storm sewer structures, all of which will relieve structural flood impacts at 31 and 102 Wellington Avenue up to the 5-year event. The newly created detention area will positively drain to the downstream connection point, ultimately connecting into the IDOT system on U.S. Route 45.			

Cost Estimate	\$133,000	Applicant Share	\$68,000	SIRF Share	\$65,000
In-Kind Service Person Hours	Applicant			SMC	
In-Kind Service Description					
Project Timing	Start Date	04/2026	Completion Date	05/2026	

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

Damage Priority	Flood Damage Type	Number of Occurrences	Frequency of Occurrences (e.g. Every Year, every two years)
1	Structural Damage	5	Annual
2	Flooded Building	5	Annual
3	Health and Safety		
4	Road Flooding	3 per year	During 20% chance rainfall event
5	Disruption of Revenue		
6	Parking Lot Flooding	1	2-3 times per year
7	Nuisance Flooding	n/a	Consistently throughout the year

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

The Wellington area is listed as Flood Problem Area 15-20 on SMC's records. The apartment complex at 31 Wellington and the single family home at 102 Wellington will experience less structural flooding once the improvements are constructed. The flooding of 31 Wellington occurs at an elevation of 759.1 and the project will lower the 10-year flood elevation below the 759.1 elevation to provide flood protection to the structure. The flood elevation reduction will also relieve the flooding of 102 Wellington, an adjacent parking lot, the roadway, and the sidewalk along Wellington Avenue.

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

The Village is committed to completion of this project and has set aside a cost share of 50% of the estimated cost of the construction of the project. The Village has already completed studies and design plans for the construction of the project. No expenses or activities incurred prior to approval of the funding by the SMC will be requested for reimbursement.



Signature of Authorized Representative of the Cost Sharing Entity

Adam Boeche

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.

**Applicant:** Village of Mundelein  
**Project Title:** Wellington Avenue Drainage Improvements

**Statement of Compliance**

This project will comply with all Lake County Stormwater Management Commission policies, local plans and ordinances, and applicable state and federal regulations.

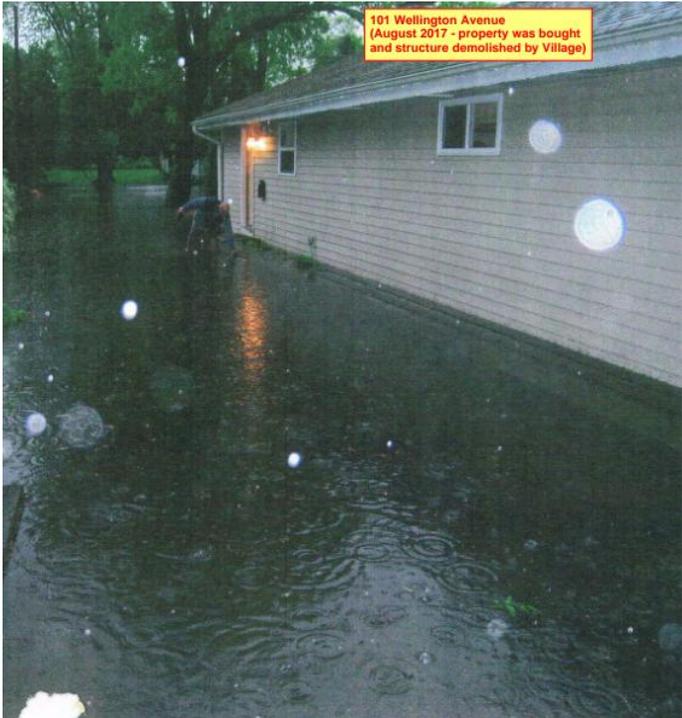
Signature:  \_\_\_\_\_

Printed Name: Adam Boeche \_\_\_\_\_

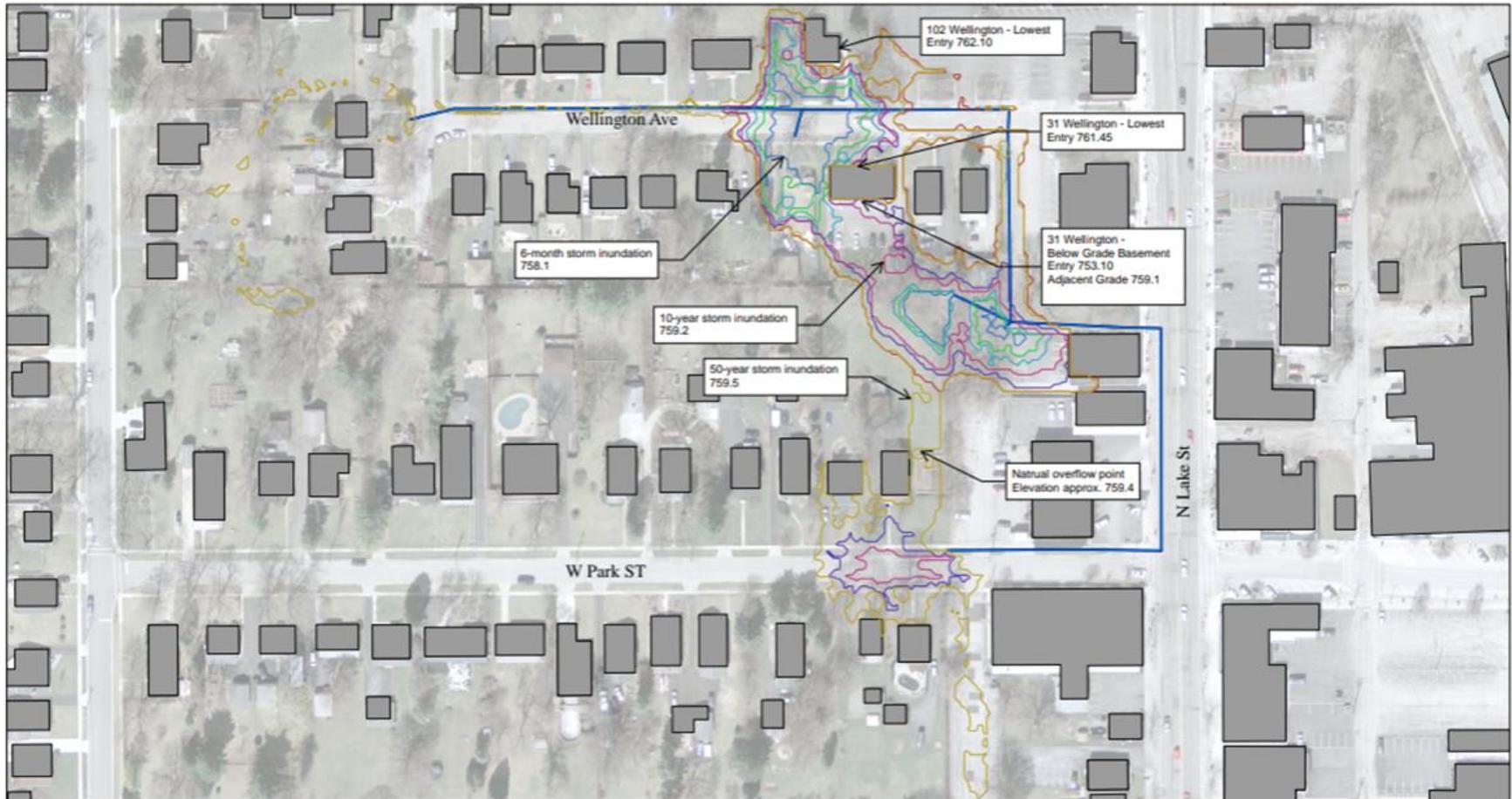
Position: Director of Public Works and Engineering \_\_\_\_\_

Date: 11/14/25 \_\_\_\_\_

# Existing Conditions: Wellington Ave. Drainage Improvements

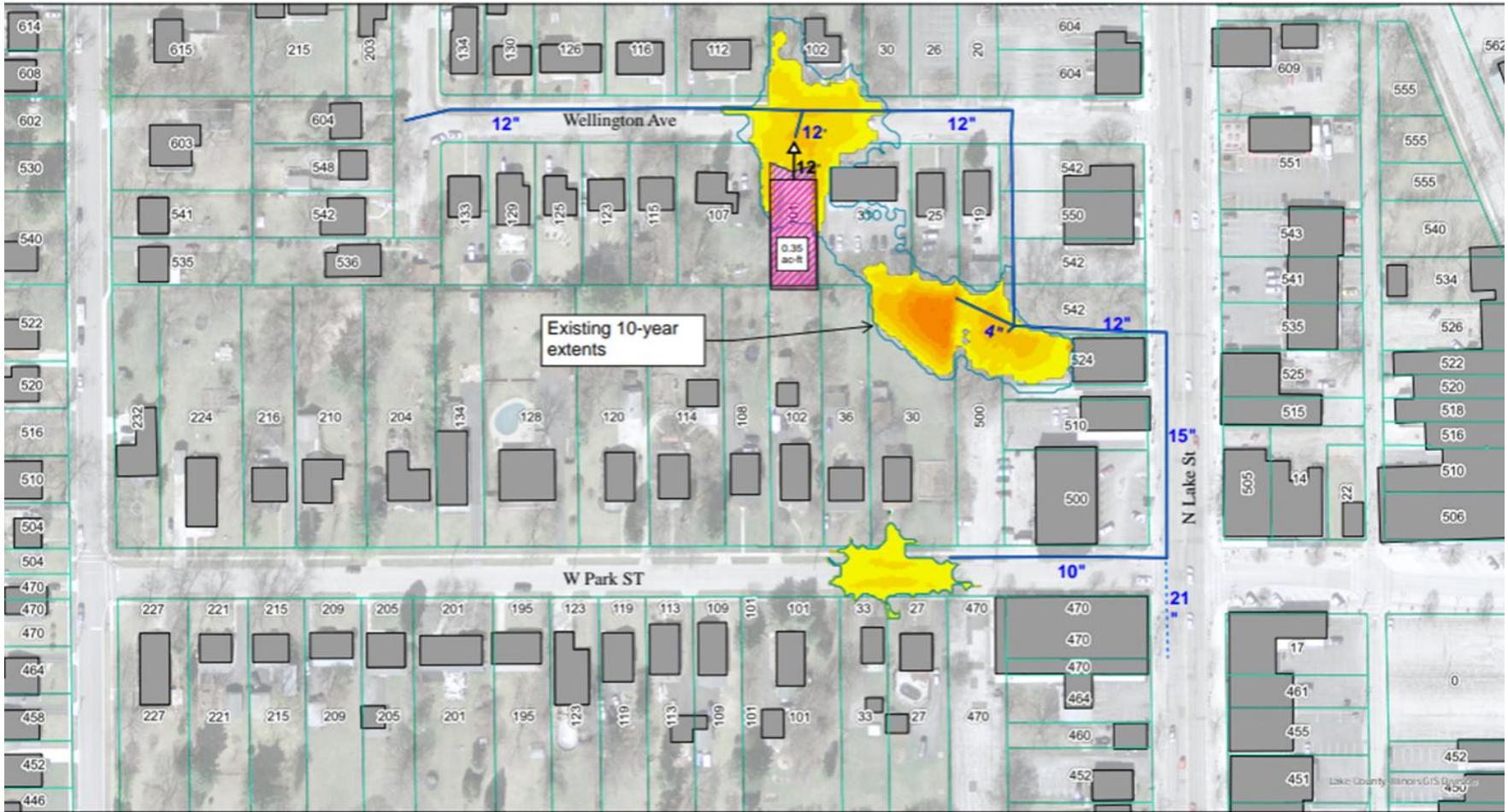


## Existing Conditions: Wellington Ave. Drainage Improvements



<p style="text-align: center;"><b>Exhibit 2</b> Village of Mundelein Wellington Ave Existing Conditions</p>	<p><b>Legend</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">— 1-year</td> <td style="width: 33%;">— 2-year</td> <td style="width: 33%;">— 6-month</td> </tr> <tr> <td>— 10-year</td> <td>— 5-year</td> <td>— Existing Storm</td> </tr> <tr> <td>— 100-year</td> <td>— 50-year</td> <td>■ Buildings</td> </tr> </table>	— 1-year	— 2-year	— 6-month	— 10-year	— 5-year	— Existing Storm	— 100-year	— 50-year	■ Buildings	<p><small>Data Source: Coordinate System: NAD 1983 2011 StatePlane Illinois East FIPS 1201 F1 US Projection: Transverse Mercator Datum: NAD 1983 2011 Units: Feet US</small></p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <p>0 50 100 200 Feet</p> </div> </div>
— 1-year	— 2-year	— 6-month									
— 10-year	— 5-year	— Existing Storm									
— 100-year	— 50-year	■ Buildings									

# Proposed Conditions: Wellington Ave. Drainage Improvements



**Exhibit 3**  
**Village of Mundelein**  
**Wellington Ave**  
**Alternative 1 - 10-year**

Legend			
	Existing Storm		1.501 - 2
	0.007 - 0.5		2.001 - 2.5
	0.501 - 1		2.501 - 3
	1.001 - 1.5		3.001 - 3.5
	Buildings		3.501 - 4
			4.001 - 4.5
			4.501 - 5
	Existing 10-year Extents		

Data Source:  
 Coordinate System: NAD 1983 2011 StatePlane Illinois East FIPS 1201 F1 US  
 Projection: Transverse Mercator  
 Datum: NAD 1983 2011  
 Units: Foot US

