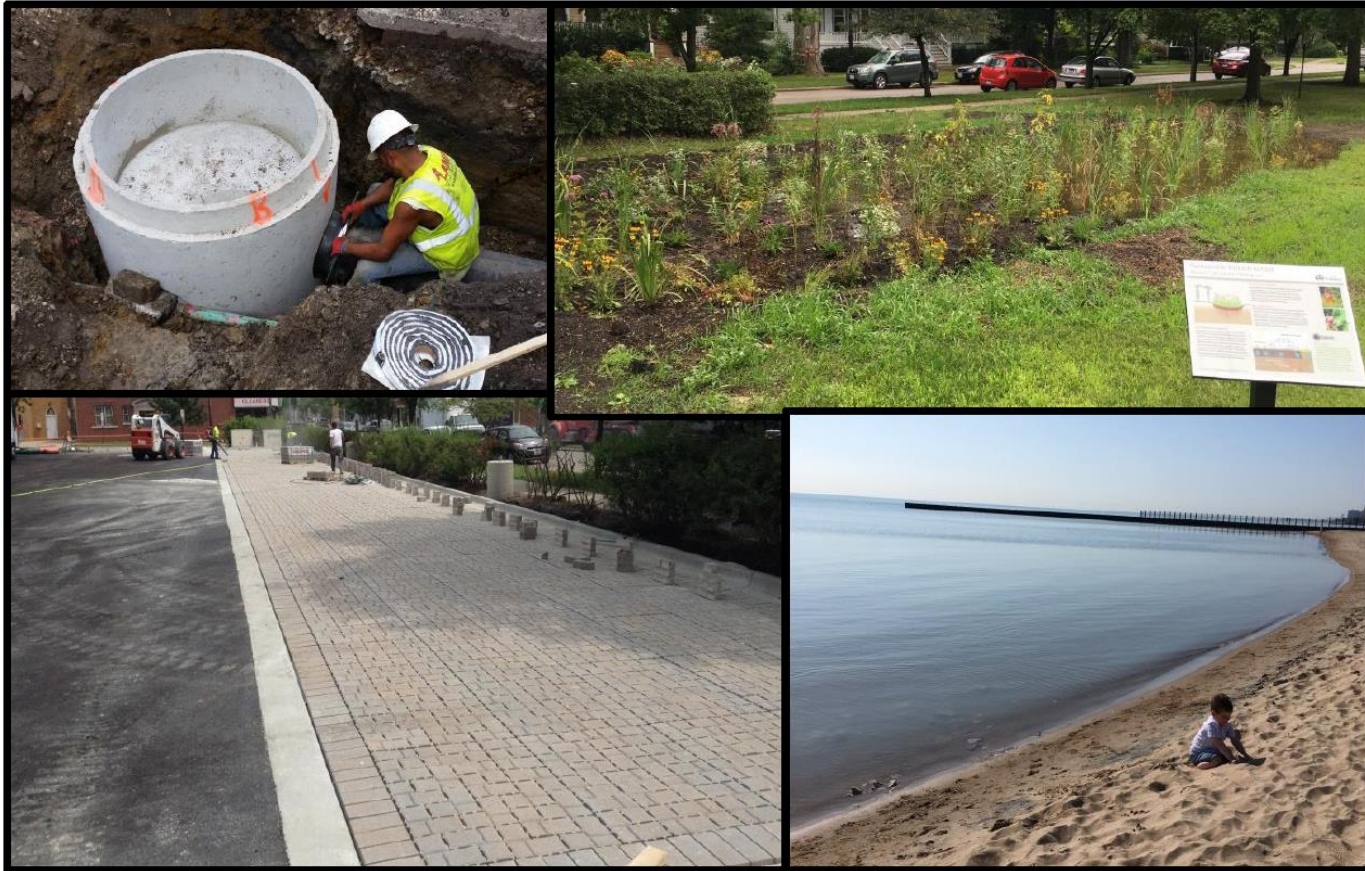


EVANSTON ILLINOIS

Stormwater Management Guide



October, 2019

Stormwater Management Guide

Overview:

- Introduction
- Vision and Goals
- Section Highlights
- Next steps

Stormwater Management Guide

Introduction:

In 1987, the City of Evanston committed to address the problem of basement sewer backups. After investing over \$210 million dollars in stormwater infrastructure over 22 years, basement backups are largely a problem of the past.

Today, in the face of more intense rainfalls and an uncertain future climate, the City must be in a position to continue to provide its residents an acceptable level of protection against current and future stormwater events. To this end, the City is developing this Stormwater Management Guide, which will define the goals and approaches for managing the City's future stormwater needs.

Stormwater Management Guide

Vision and Goals:

Vision

The vision of this plan is to provide a framework for Evanston to develop a resilient stormwater management system under current conditions and in the face of climate change.

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Vision and Goals:

■ Goals

- a) Develop an acceptable level of protection for stormwater flooding
- b) Mitigate stormwater-related safety issues and property damage under current and future conditions
- c) Work towards achieving the goals outlined in the City of Evanston's Climate Action and Resilience Plan
- d) Develop an equitable approach to stormwater management
- e) Be a leader in stormwater management best practices
- f) Maintain compliance with stormwater regulations
- g) Establish a sustainable funding stream for implementation of the plan

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Section Highlights:

- Section 3 – Hydrology and Hydraulics
 - Develop a hydrologic and hydraulic model for the City of Evanston
 - RFP - December 2019
 - Two-year process for model, analysis, and capital improvements plan

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Section Highlights:

- Section 4 – Stormwater Best Management Practices
 - Create a template for Green Infrastructure on Capital Projects
 - Explore other stormwater best management practices in the areas of private development, urban canopy and greenspace, infiltration and inflow, and water quality

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Section Highlights:

- Section 6 – Stormwater Capital Improvements
 - After the completion of the hydrologic and hydraulic analysis a Capital Improvements Plan (CIP) will be developed
- Section 7 - Funding
 - Develop a funding method for the Stormwater CIP
 - Stormwater Utility Fee

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Section Highlights:

- Section 9 – Implementation Plan

City of Evanston Stormwater Management Guide	2019				2020				2021				2022				2023			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Finalize Stormwater Management Guide				■																
Hydrology and Hydraulics																				
Hydraulic Model / SW Master Plan				■	■	■	■	■	■	■	■	■	■	■						
Define Level of Protection and Problem Areas													■	■	■	■				
Storm Water Best Management Practices																				
Green Infrastructure Guidance				■																
Urban Canopy and Greenspace					■		■		■		■		■		■		■		■	
Infiltration and Inflow						■	■		■	■			■	■			■	■		
Water Quality				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Policies and Procedures																				
Public Engagement													■	■	■	■	■	■	■	■
Stormwater Capital Improvements																				
Storm Water Master Plan / CIP Plan													■	■	■	■	■	■	■	■
Funding																				
Create a Funding Plan													■	■	■	■	■	■	■	■
Operations and Maintenance																				
Maintenance of Sewer System				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Maintenance of Green Infrastructure				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Long Term Funding Plan													■	■	■	■	■	■		

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Questions?