

Village of Downers Grove
Stormwater and Flood Plain Oversight Committee Meeting

Monday, December 16, 2019
7:00 PM

Downers Grove Public Works Facility
Conference Room
5101 Walnut Avenue
Downers Grove, Illinois

AGENDA

- I. CALL TO ORDER
- II. ROLL CALL
- III. MEETING MINUTES
- IV. PUBLIC COMMENTS
- V. NEW BUSINESS
 - Year End Review
 - Meeting Dates for 2020
- VI. STAFF REPORT
- VII. OLD BUSINESS
- VIII. PUBLIC COMMENTS
- IX. ADJOURN

VODG SWFPOC
Staff Report
December 16, 2019

A. New Rainfall Data to take effect January 1, 2020

The Illinois State Water Survey (ISWS) introduced the new rainfall data in March. DuPage County issued a memo stating the rainfall data will become effective January 1, 2020. All projects without a stormwater permit by January 1 must use the new rainfall data. The current 1% (100-year) rainfall used for stormwater calculations is 7.58 inches (for the 24-hour duration storm). The new rainfall is 8.57 inches for the same storm. The Village has been working with open applications affected by this change. The rainfall for Post Construction Best Management Practices (PCBMPs) will not be affected by the rainfall change.

B. 2014 Stormwater Project Analysis (SPA) update

Staff continues to work on stormwater projects from the 2014 report. The following is a brief update of the status of each project.

- 1 – Black Oak/Candlewood – Complete
- 2 – Downers/40th – Design in progress, Construction to start spring 2020
- 3 – Elm/Earlston – Complete
- 6 – Highland Ct/Washington – Complete
- 7 – Drendel Rd (S of Indianapolis) – Complete
- 8 – Chase Ave (Haddow to Burlington) – Complete
- 10 – Prairie/Forest – Complete
- 11 – Linden – Complete
- 12 – Hitchcock (Glenview to Cornell) – Complete
- 14 – Jefferson & Middaugh – Complete
- 15 – Lyman (Kenyon to Blanchard) – Complete
- 16 – Hobson Triangle area – Design in progress, Phase I Construction 2021
- 17 – Francisco (Haddow to Burlington) – Complete
- FP-1 – St Joseph Creek (Hummer Park to Village Hall) – DuPage County Watershed Study underway
- FP-2 – Deer Creek – DuPage County Watershed Study underway, Construction in progress for berm
- FP-4 – St Joseph Creek (Maple and Elmwood) – included with FP-1

C. 2019 Stormwater Projects

In addition to the 2014 SPA projects, the Village also completed the following:

- New storm sewer on Northcott between Prairie and Warren in conjunction with the water main replacement project
- New storm sewer on 57th Street between Wanda and Dearborn to alleviate frequent flooding
- New culvert on College between Katrine and Walnut to alleviate frequent flooding to north
- Removed an old bridge abutment in St. Joseph Creek near Sterling Park
- Planted the pollinator gardens at Belmont and Warren/Burlington
- Installed storm sewer on Indianapolis between Drendel and Cross
- Nine (9) cost share projects have been permitted in 2019
- Storm sewer cleaned and inspected – approximately 41,000 linear feet
- Catch basins/manholes/inlets cleaned and inspected – approximately 420

D. Stormwater Master Plan

Staff is working with Hey and Associates to develop a stormwater master plan to address areas the Village without Level of Service (storm sewer and/or ditches to safely convey 95% of rainfall events – basically the 10-year or 10% chance storm). Phase 1 will be complete by the end of December. Staff is working with Hey and Associates on Phase 2, which is expected Summer 2020.