



# Stormwater Utility and Flood Mitigation Advisory Committee

March 14, 2024 | 6:00 p.m. | Hybrid (Virtual and In-Person) Meeting

## Minutes

### Advisory Group Members Present:

John Chapman	Howard “Skip” Maginniss
Dino Drudi	Brian Sands
John Hill (Chair)	Janette Shew
Cheryl Leonard	Christine Thuot
Chris Ferrara	Katherine Waynick (Vice-Chair)
	Lydia Durand

### Staff Present:

Aziz Mahar, T&ES Civil Engineer IV	Jesse Maines, T&ES Division Chief, Stormwater Management
Brian Rahal, T&ES Civil Engineer IV	Jessica Lassetter, T&ES Civil Engineer III
Dan Medina, DPI Stormwater Program Manager	Jonathan Whiteleather, DPI Technical Project Manager
Emma Wheeler, T&ES Communications Office	Lisa Jaatinen, T&ES Civil Engineer IV
Erin Bevis-Carver, Sanitary Infrastructure Division Chief	Mitch Dillon, DPI Associate Technical Project Manager
Felicia Montoney, T&ES Management Analyst I	Terry Suehr, DPI Director
Alex Haptemariam, DPI Senior Technical Project Manager	

### 1. Welcome and Introductions

### 2. Project updates by City Staff

- Dr. Medina presented an update with slides at the meeting
  - Large Capacity Projects
  - Commonwealth/Ashby/Glebe: working towards 60% design
  - Mid-May will be the next public presentation
    - Biggest concern is maintenance of traffic (MOT)
    - No details are definitive at this point, many issues are being worked through the design solution
    - Timeline is unknown at this point, but is going to be mid-May or June
    - Once detail and MOT are determined, a public meeting will be held.
    - Large pipe is required, along Commonwealth. Thus the need to develop a MOT solution
    - Dr. Medina: 60% model review will be presented in the near future to show model results and the proposed needed improvements.
    - Dr. Medina introduced Alex Haptemariam as a new City staff member



- Hooffs Run:
  - Alex Haptemariam provided an update on Hooffs Run.
  - Flow monitors are being installed.
  - Need to install these monitors to confirm the model is valid and proposed alternatives will accomplish the intended solution
  - Next month design contractor will define the alternatives. Then the City will be able to evaluate the effectiveness of the solution.
- Pitt & Gibbon
  - Alex Haptemariam provided an update indicating a site meeting was held to finalize survey limits. Hydraulic modeling was performed. The City is working with AlexRenew to develop a solution that meets both entities' goals.
- Nethergate
  - NPS is involved. Proposed alternatives analysis is contingent on permit approval of NPS permit approval to obtain all needed survey is needed
- N. Overlook
  - Construction is underway

Question about future funding. Erin B-C explained funding allocation in the City budget is not the same as actual expenditure.

- Looking at determining the treatment needed in the future versus funding is still underway.

## **Flood Action Progress Report: Large Capacity Projects & CSS**

- Commonwealth/Ashby/Glebe (est. \$50M) Large capacity flood mitigation. Progressing towards 60% design. Continued coordination with utilities for relocation. Geotechnical report based on site borings underway. Traffic Management Plan under development. Began preparation for third public meeting in Spring.
- Hooffs Run Culvert Bypass (est. \$60M) Large capacity flood mitigation. Fieldwork component of field survey along Russell Road is complete. Developed model to investigate possible solutions and determine feasibility. Two flow monitoring sites selected. The data collected will allow improvement of the hydraulic model.
- Pitt & Gibbon (\$20-25M) CSO surcharge mitigation. Site meeting held to finalize survey limits. Contractor submitted hydraulic modeling report. The city is reviewing and coordinating with AlexRenew to identify a solution for the 10-year.
- Nethergate (\$5M) CSO Surcharge mitigation. Field survey complete end of last month. Studies underway to evaluate alternatives. Gathering information for NPS permit process.
- North Overlook Drive (\$875K) Inlet and storm sewer improvements to mitigate flooding for the 10-year storm. Currently undergoing construction. Ting telecommunications started relocation of cables to make way for the construction. All temporary traffic control devices are in-place.

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## Flood Action Progress Report: Updates to Stormwater Program Schedule



### Milestones

- Hume Ave. Stormdrain Bypass
  - 90% Design Received & review complete
- Edison St. Cul-de-Sac Drainage Improvements
  - 90% Design Received & review underway
- N. Overlook Drainage Improvements
  - Construction NTP
  - Mobilization
- W-Reed Ave Curb Inlets & Dale St. Drainage Improvements
  - Solicitation issued for additional geotechnical investigation
- Oakland Terrace Stabilization
  - ITB issued. Contractor selection underway
- Lloyd's Lane
  - Complete
- Program Schedule Update
  - Alexandria's new project management system

### Project Schedule Changes

- Hume Ave. Stormdrain Bypass
  - Requires additional utility coordination
  - Proposed work requires additional geotechnical investigation
- W-Reed Ave Curb Inlets & Dale St. Drainage Improvements
  - Found conditions require additional geotechnical investigation
- F. Hammond Culvert Headwall Modifications
  - Utility relocations must complete first
- Mt. Vernon Cul-de-Sac Inlets & Alley
  - Revisions to contract bid documents underway

## Sanitary Sewer Asset Renewal Program: Del Ray East Rehabilitation Project



### • Summary of Work:

- Contractor issued Notice to Proceed Oct 16, 2023
  - Contract period = 1 year
- Work generally moving from south to north
- 150 pipe segments to be rehabilitated using ultraviolet (UV) cured-in-place pipe (CIPP) technology
  - Approximately one-third completed
- 111 manholes to be rehabilitated
  - Work started in late February
- Residents will be provided with a 2-week and 48-hour notification if the sewer main serving their home is to be rehabilitated
- No parking signs to be posted 72 hours in advance of work





Is the mood of the committee that meaningful progress is being made?

- Yes, we are working on the right projects,
- But there are many more projects
- Councilman Chapman:
  - Mood of Council: I think Council is impressed with the commitment this committee has dedicated to this important issue. Getting committee input to staff is invaluable.
- It is expected that the Council recognizes that the input and investment from the committee constitutes progress
  - Committee's input and feedback has been incredibly meaningful

Manhole inserts project. To date the City Contractors have completed just over 50%

**Public Comment:**

- Public Commenter: There is a concern about the drainage conveyance system in the Rosemont area
- Ms. Esper would like the City to re-evaluate how the reimbursement calculations were made for condo residents
  - Ms. Esper requested this to be entered into the record. It was agreed to enter her issue into the minutes.

There is a need to understand in realistic terms how long the projects on the list will take to be accomplished

- Chair responded that he believes the period is of the order of 10-years

Q: How do we deal with basement flooding

- City response: We are looking to address flooding from I&I estimates

Q: Are we making progress?

- Yes, but need to look at projects at the 10-year horizon

**Communications Update**

- 9 flood action related to flooding in the month of February
- Web page analytics shows a great amount of "hits"

**Approval of previous meeting minutes**

- a. The Ad Hoc Group provided comments on the September meeting minutes:
    - Mr. Drudi requested Mr. Maginniss' attendance be changed to "virtual"
  - b. The minutes were passed unanimously, Mr. Maginnis abstained since he was not an Ad Hoc member at the previous meeting.
- Committee will submit a letter of support for FY 2025 stormwater fee increase.
  - Committee will draft a letter of support for application to the Community Flood Preparedness Fund
  - Committee will provide collaboration with Environmental Planning Commission.



- Committee will draft Annual Report on the FY2025 Stormwater Budget
- Committee will need to develop a schedule of meetings from now until July 2024
- Adjourn  
Meeting adjourned at 8:15pm by unanimous vote.