



# Permanent Stormwater Utility and Flood Mitigation Advisory Group

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 Ferrera		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		

P = Present    A = Absent    V = Virtual (on call)

### 1. Welcome and Introductions

I NEED help here

### 3. 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 how do we do the MOT
      - No details are definitive at this point, many details we are working through our design
      - 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, to explain what is anticipated.
      - Large pipe is required, along Commonwealth. Thus large pipe will require large MOT
  - Del Ray
    - Budget:



- Dr. Medina 60% model review will be presented in the near future to present the current model results and the proposed need improvements and where the “pipe improvements” will be (located).
- Hoofs Run:
  - Alex Haptemariam
    - Next big engagement
      - We are installing the flow monitors along Hoofs Run
      - We need to install flow monitors to confirm the model confirmation and proposed alternatives.
      - Next month we will know what the alternatives are. Then we will know if the investment in the possible solution is worth it.
- 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 within 10 years.
- 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: Erin B-C

- Provide explanation of explanation of fee allocation versus expenditure, working with ALEX renew.
  - a. The need versus future treatment need is planning level
    - i. Looking at determining the treatment need 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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Meetings have been emailed out from previous meetings.



Small Project: Mitch Dillon

- Q Hume Ave St

### 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

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## 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





Discussion about continuing to modeling on a watershed by watershed basis.

Are we where we should be?

The mood of the committee is:

- Yes, we are working on the right projects,
- But there are many more;
- Mayor Chapman:
  - Mood of Council: I think council is impressed as staff and public. Getting committee input to staff is invaluable.
- We hope the Council recognizes that the input and investment from the committee constitutes progress
  - Committee's input and feedback is incredible and has been incredibly meaningful

Manhole inserts: accomplished just over 50% inserts protection to date

We are doing some flow monitoring

We are working with ALEX renew

We are meeting regularly with Alexnew to address wi

Public Comment: Rosemont

- Public Commenter: concerned about drainage conveyance system possibly in Rosemont area was not addressed for flooding in the past.
  - Mr. Craig has an issue. Please ask Chairman to look into this issue.
- Ms. Esper is looking for King Street improvement. She is looking for Condo residents to receive reimbursement in flood mitigation fund
  - Ms. Esper requested this to be entered into the record. It was agreed to enter her issue into the minutes.

We need to outline how long, in realistic terms how long the projects on the list to be accomplished

- I believe the inference 10-years

Q: How do we deal with basement flooding

- We are looking to fix downstream flooding from I&I estimates and jurisdictions  
To eliminate I&I from folks basements.

Q: Are we making progress?

- It is reasonable, but need for to look at projects at the horizon at 10-year

Committee needs to prepare a report before 4/ 15/ 2024 meeting



## DRAFT BYLAWS:

### Communications Update

- General Discussion updates
  - 9 flood action related to flooding in the month in Feb
    - Web page analytics:
    - ASK FOR STASTICS from

## Snapshot summary of FY2025 Stormwater CIP

AGENDA ITEM #5

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- 4. 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 Community Flood Preparedness Fund
- Committee will provide collaboration with Environmental Planning Council
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- Committee will draft Annual Report on the FY2025 Stormwater Budget
- Proposed schedule of meetings from now until July 2024
- Adjourn



- a. Meeting adjourned at 8:15pm by unanimous vote.