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# Danube Pond and Farr Lake

Stormwater Project Improvements

Open House Neighborhood Information Presentation

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**PREPARED BY:**

**ENGINEERING DIVISION**

**PUBLIC WORKS DEPARTMENT**

**APRIL 30, 2024**



# Welcome to the Open House Information Presentation!

- Restrooms
- Agenda
  - Sign In Sheet and Comment Cards
  - Presentation – About the Project, Schedule, and Construction
  - Q & A (general)
  
  - Website – you can subscribe to updates

Residents are encouraged to contact [web-StreetProjects@fridleymn.gov](mailto:web-StreetProjects@fridleymn.gov) and request to be added to the Danube Pond and Farr Lake mailing list to receive project updates via email.



*VISIT THE PROJECT WEBPAGE!*

# Introduction and Project Personnel

## City Staff

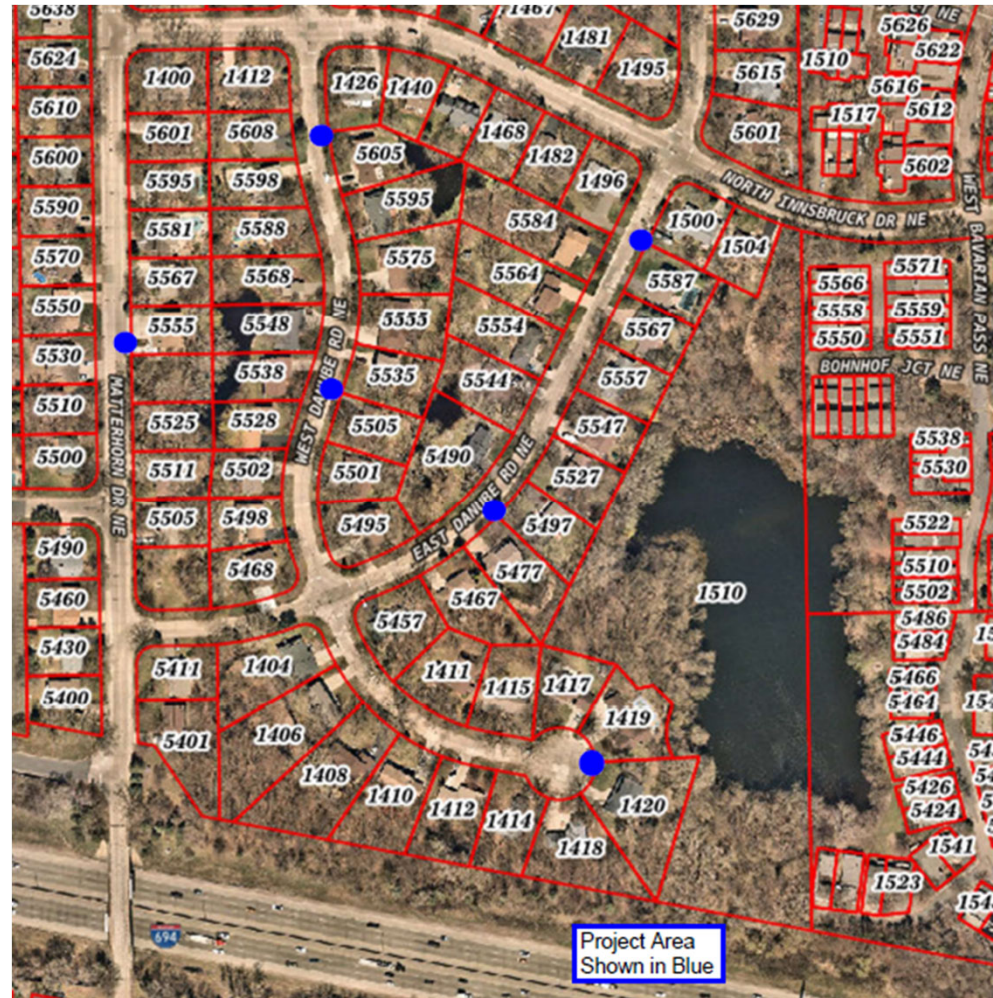
|                                    |                                     |                |  |
|------------------------------------|-------------------------------------|----------------|--|
| <b>Jim Kosluchar</b>               | Public Works Director/City Engineer | (763) 572-3554 | <a href="mailto:jim.kosluchar@fridleymn.gov">jim.kosluchar@fridleymn.gov</a>     |
| <b>Brandon Brodhag</b>             | Assistant City Engineer             | (763) 238-8086 | <a href="mailto:brandon.brodhag@fridleymn.gov">brandon.brodhag@fridleymn.gov</a> |
| <b>Touyia Lee</b>                  | Graduate Engineer                   | (763) 350-0253 | <a href="mailto:touyia.lee@fridleymn.gov">touyia.lee@fridleymn.gov</a>           |
|                                    |                                     |                |  |
| <b>Council<br/>Representatives</b> |                                     |                |  |



# Location –

# Danube Pond and Farr Lake

- Anticipating 6 project areas in this neighborhood as of now



# Project Background - Danube Pond and Farr Lake

- Located in the North Innsbruck neighborhood.
- Danube Ponds are a collection of small backyard ponds that drain to Farr Lake.
- In 2022, the City completed a pond dredging project to clean the ponds in your neighborhood as a part of a phase 1 of 2 project.



# Danube Pond and Farr Lake

- Purpose of the project
  - Replacement of existing drainage structures with hydrodynamic separators
  - Provide additional stormwater pretreatment upstream of ponds and Farr Lake
    - Reduce pollutants and debris entering the pond/lake
  - Reduce pond and lake maintenance



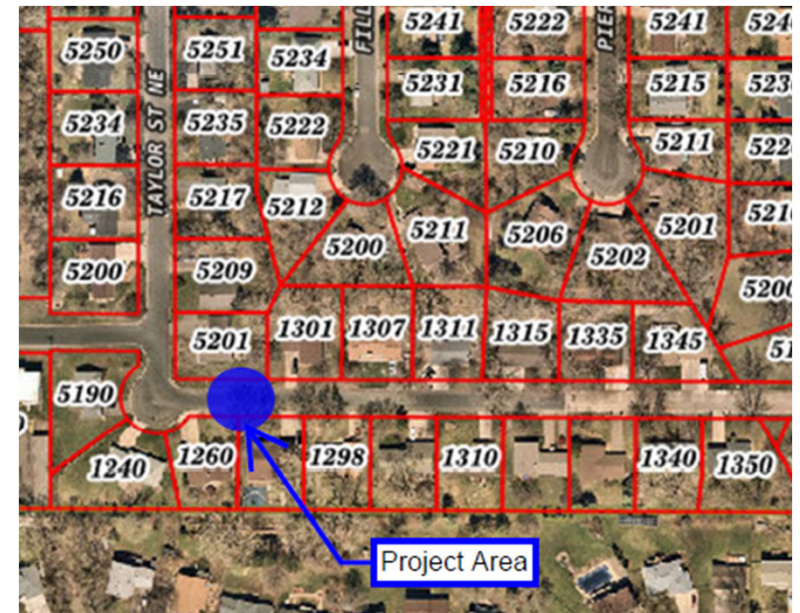
# Location – 52<sup>nd</sup> Avenue



# Project Background - 52<sup>nd</sup> Avenue

- This area is located in the Marian Hills Neighborhood.
- The City has also identified 52nd Avenue as another beneficial location for a hydrodynamic separator.
- The drainage from the Marian Hills Neighborhood drains through the storm sewer network eventually into Sullivan Lake.

CLO





## Slide 8

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**CLO** Might be nice to have a rough idea of drainage area as more than 52nd contributes to Sullivan Lake (the photo of the area draining would also work well)

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# Manhole Comparison

- Existing Catch Basin
  - Collects stormwater and discharges through pipe

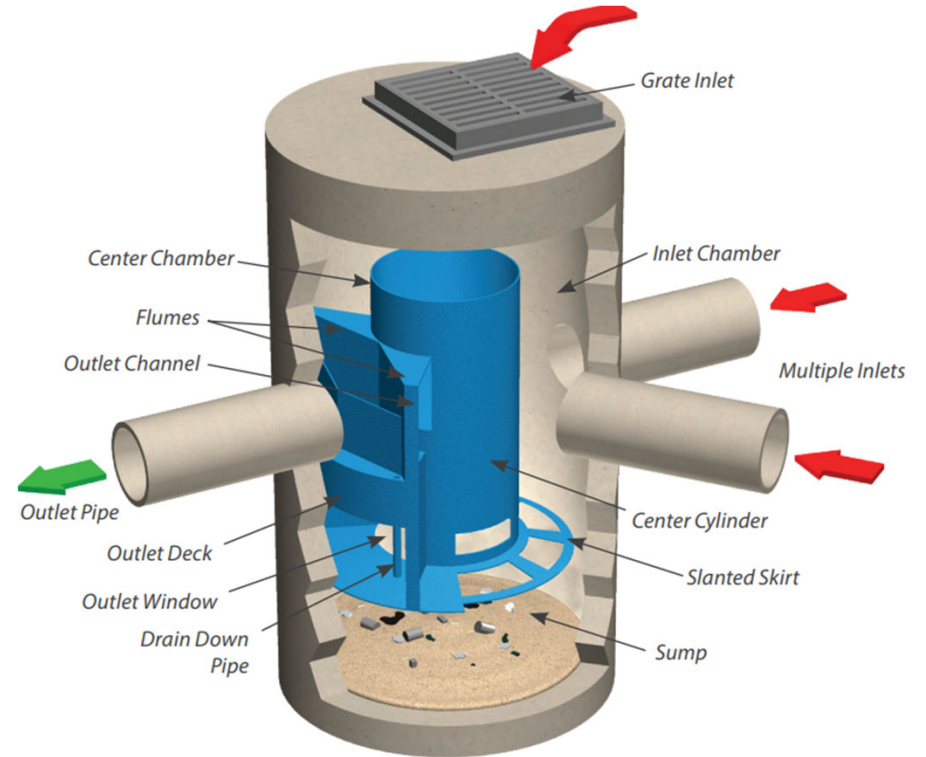


- Proposed Hydrodynamic Separators
  - Separates sediments and debris before discharging through pipe



# Hydrodynamic Separator

- Hydrodynamic separator acts as a pretreatment system
- Collects debris, floatable, and sediment particles such as total suspended solids (TSS) and total phosphorus (TP) before stormwater drains to body of water
- Video on how these systems work  
[https://www.youtube.com/watch?v=q\\_NupcIFNWg](https://www.youtube.com/watch?v=q_NupcIFNWg)



# Construction / Work Elements

- Private utilities coordination
- Excavation pits (can be deep)
- Potential road and driveway closure
- Street, driveway, and boulevard restoration
  
- Weekly construction notices via email will be sent out once construction starts.
  
- Video on Installation of Separator  
[Hydrodynamic Separator Installation on 35th Avenue NE in Minneapolis - YouTube](#)



# Restoration



# Schedule

- Final design and bidding to occur in May of 2024
- Private Utilities Coordination
  - Staff will coordinate with private utility companies (CenterPoint Energy, Xcel, etc.)
- Construction tentative start for mid-Summer to Fall 2024

# Funding Sources and Financial Impacts

- No special assessment to residents for the project
- City's Stormwater Funds
- Grant through Rice Creek Watershed District (RCWD)
  - Danube Pond and Farr Lake is in RCWD



- Grant through Mississippi Watershed Management Organization (MWMO)
  - 52<sup>nd</sup> Avenue is in MWMO



# Opportunities for you to help in the community

- Properties in RCWD (Flyers up on table)
  - Sign up for the Adopt-a-Drain program with [mn.adopt-a-drain.org/](http://mn.adopt-a-drain.org/) to keep leaves, sediment and other pollutants out of a storm drain by your home
  - Rice Creek Mini Grant for up to \$500 for planting native plants
    - <https://www.ricecreek.org/grants/mini-grants/>
- City of Fridley Residents
  - Add a rain barrel to capture roof runoff from your home
    - Receive a \$50 credit on your utility bill for any new rain barrels. Apply at [FridleyMN.gov/WaterRebate](http://FridleyMN.gov/WaterRebate)
  - Add native plants
    - Lawns to Legumes grant raffle funding: <https://bluethumb.org/lawns-to-legumes/apply/>
    - Reach out to [Rachel.Workin@FridleyMN.gov](mailto:Rachel.Workin@FridleyMN.gov) for interest in grant funding through the Pollinators Pathways Program



# Your Feedback is Important!

- Comment cards are available – please complete one for general project comments
- Project notices will be sent out via email or residents can visit the project page for the latest information so please provide your email address on sign-in sheet.

# Thank you For Attending!

Contact Us!

- You can also **call or email us** to discuss
  - Questions or
  - Comments or
  - Special needs for access

**City of Fridley Engineering**

**(763) 572-3551**

[Web-StreetProjects@fridleymn.gov](mailto:Web-StreetProjects@fridleymn.gov)

[www.fridleymn.gov](http://www.fridleymn.gov)

<https://www.ci.fridley.mn.us/1665/Danube-Pond-and-Farr-Lake-Storm-Improvem>

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