

GUNNERS LAKE

Dam Repair

Public Meeting

February 5, 2025

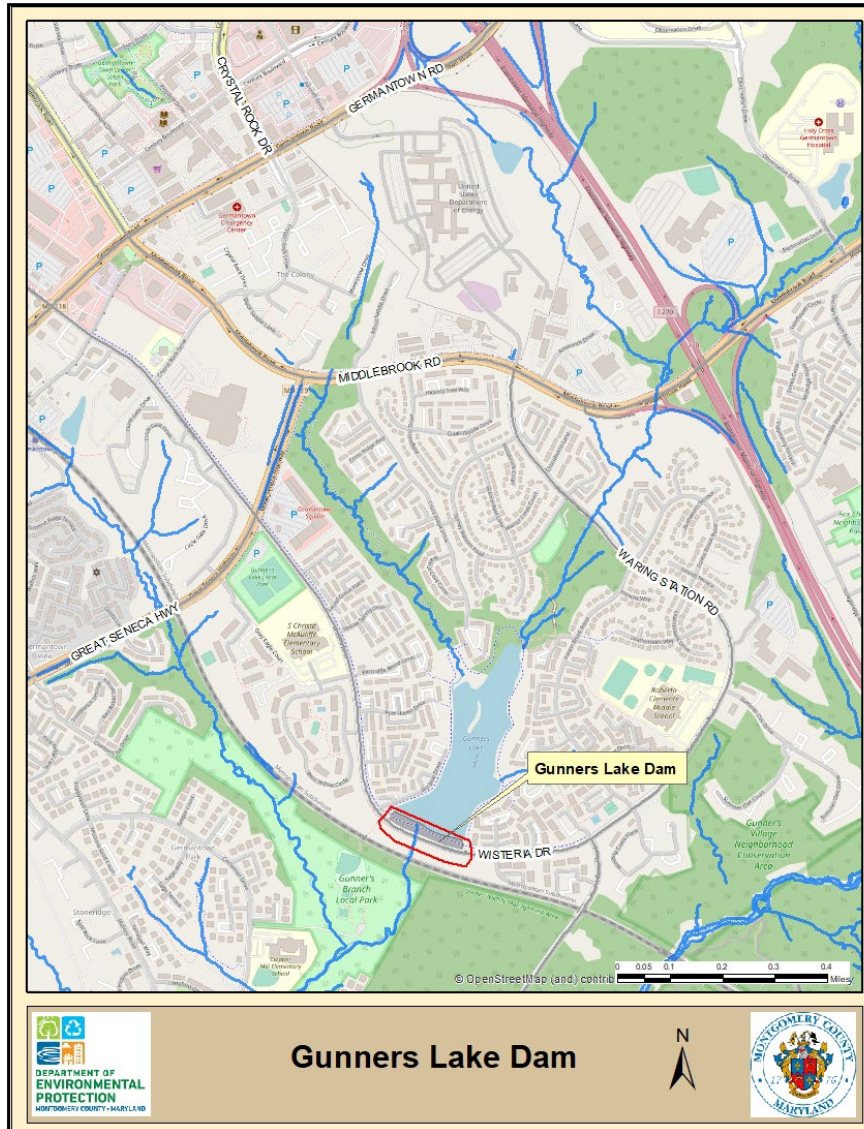


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PROJECT LOCATION



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GUNNERS LAKE BACKGROUND

Constructed in 1985

Regional SWM Facility

Owner or Affected Communities:

- North Lake Village Federation
- Knolls at North Lake Condominiums

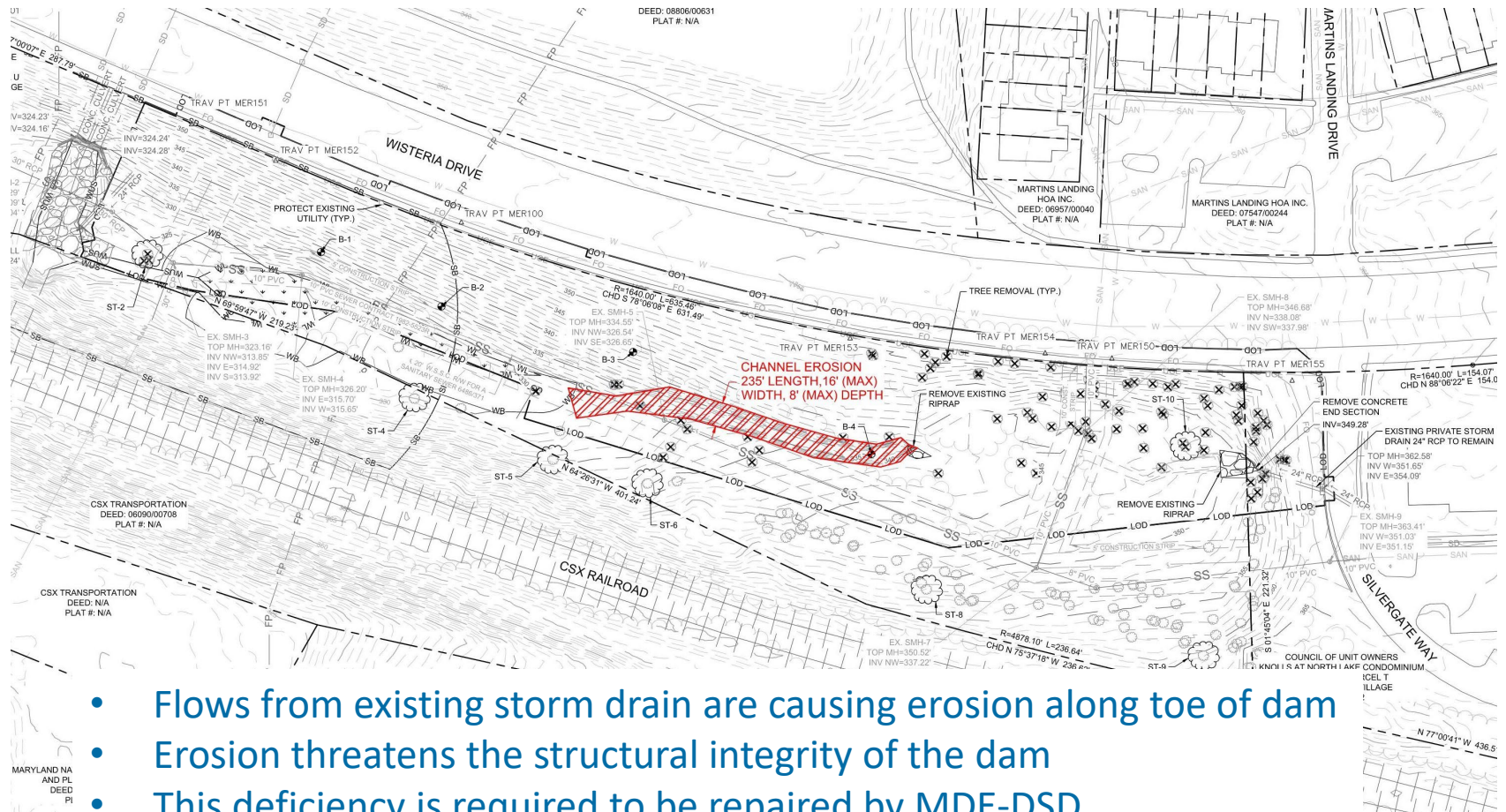
Dam Data:

- Height: 28'
- Length: 1000 LF
- DA: 1,233 Ac.
- Significant Hazard



View of lake from dam

EXISTING CONDITIONS



- Flows from existing storm drain are causing erosion along toe of dam
- Erosion threatens the structural integrity of the dam
- This deficiency is required to be repaired by MDE-DSD
- Trees growing on the downstream slope and near the toe of dam will be removed per Dam Safety Regulations

EXISTING CONDITIONS



Storm Drain Pipe Outfall



Upstream limits of Erosion Channel



Middle of Erosion Channel



Downstream limits of Eroded Channel

PROJECT GOALS

- Meet MDE Dam Safety requirements
- Repair erosion channel
- Prevent future erosion
- Minimize environmental impacts
- Minimize impacts to pedestrians and motorists
- No U/S or D/S hydraulic impacts



Erosion Channel

- 24" RCP, 760 LF
- Overflow Channel
- Structural backfill
- Woody Vegetation Removal
- Manage flows from site during construction

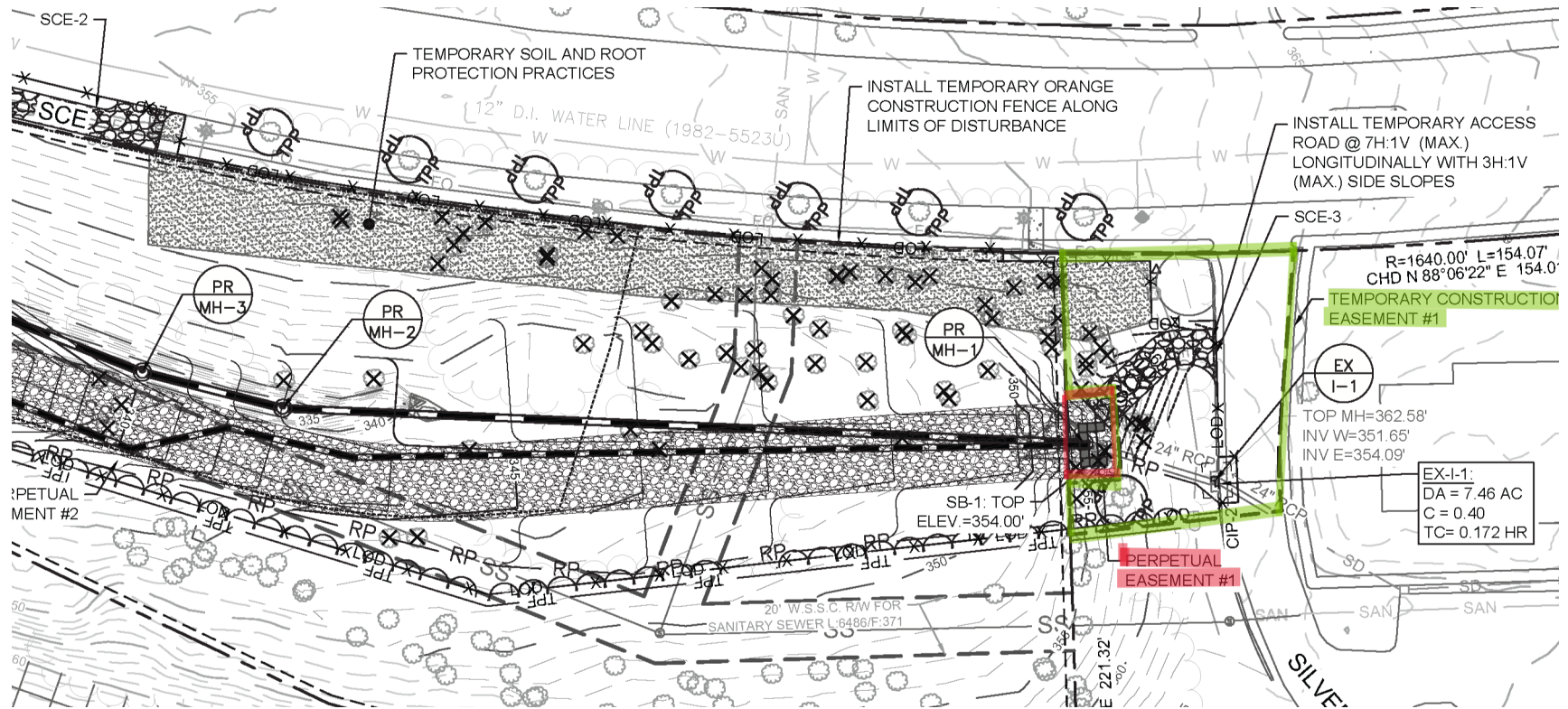
- Tree removal 89 Trees > 6"
 - 2 Trees 24"-30"
 - 2 Trees > 30"
- Temp. stream and wetland impacts (closure period 3/1 -6/15)

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THE KNOLLS AT NORTH LAKE EASEMENTS



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THE KNOLLS AT NORTH LAKE DRIVEWAY ENTRANCE



NEXT STEPS / PROJECT SCHEDULE

- Execute easements on two properties; 1.) North Lake Federation, Inc. (**completed**) and 2.) Knolls at North Lake Condominiums:
- Approved plans: (**completed**)
- Award to Construction Contractor: **Spring/Summer 2025**
- Construction Substantial Completion: **Winter 2026**

Questions?

Contact: Doug Marshall

Project Planner, DEP

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240-882-6224

Or

The Project Webpage At:

<https://www.montgomerycountymd.gov/water/restoration/Gunners-Lake-Erosion-repair.html>

Or search, '*Gunners Lake Repair*'



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