

Mackworth, Ocean, Walton CSO Separation Project

December 18th, 2018
Neighborhood Meeting

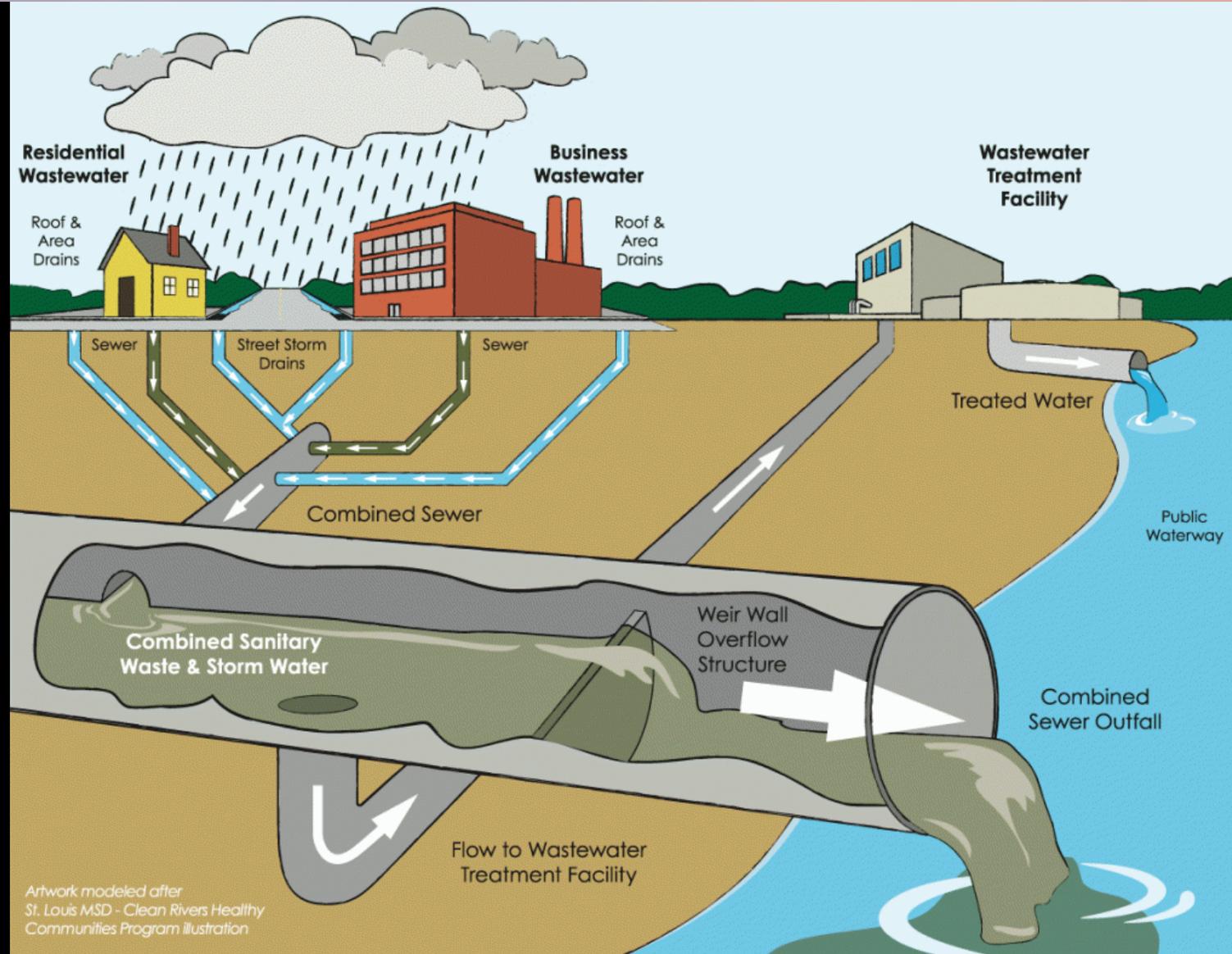


Neighborhood Meeting Agenda

- Introductions
- Combined Sewer Overflow overview
- Project Goals
- Project Overview
- Project Description
- What to expect during construction
- Sequencing of the project
- Project Discussion / Questions

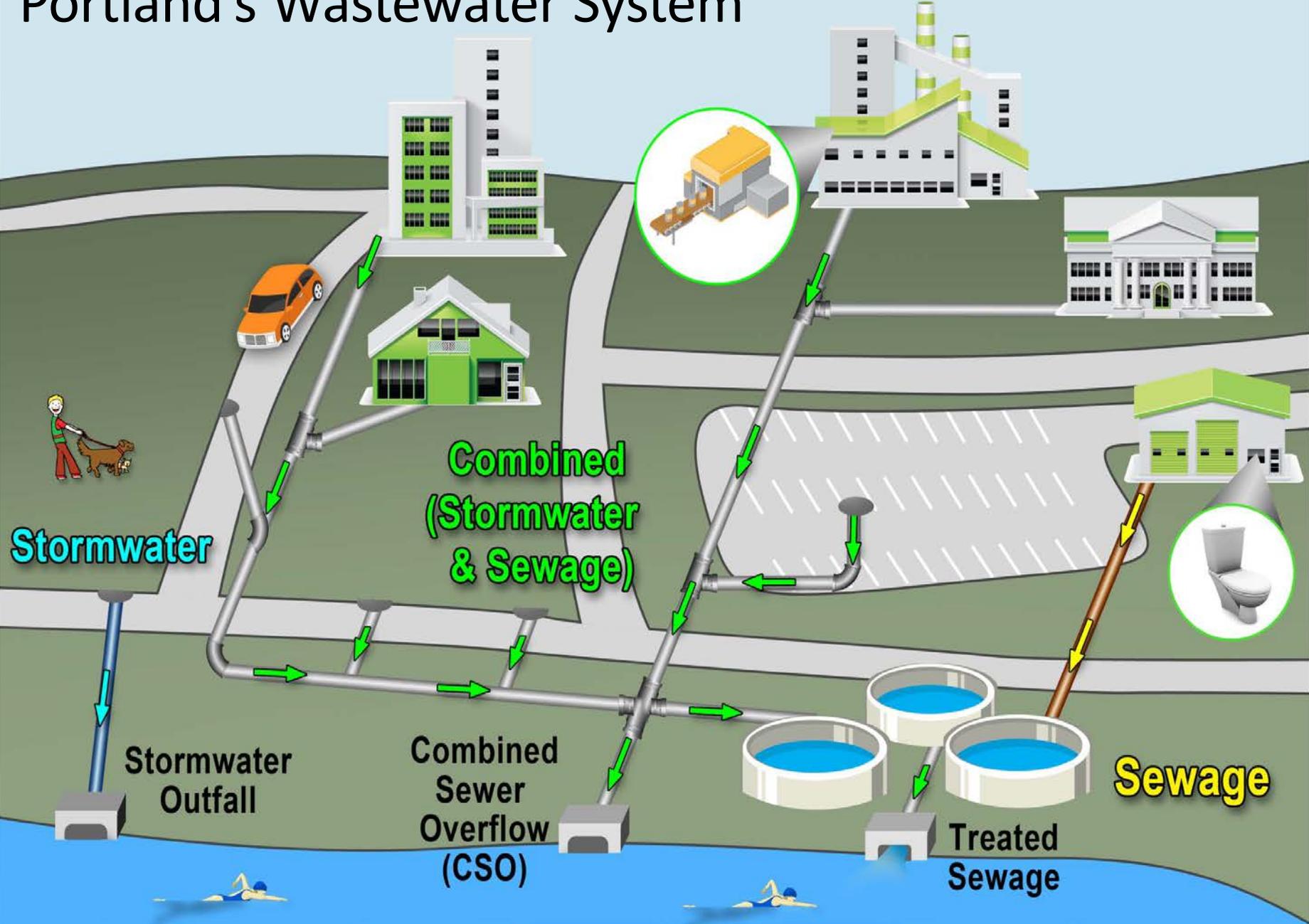


Combined Sewer Overflows (CSO)

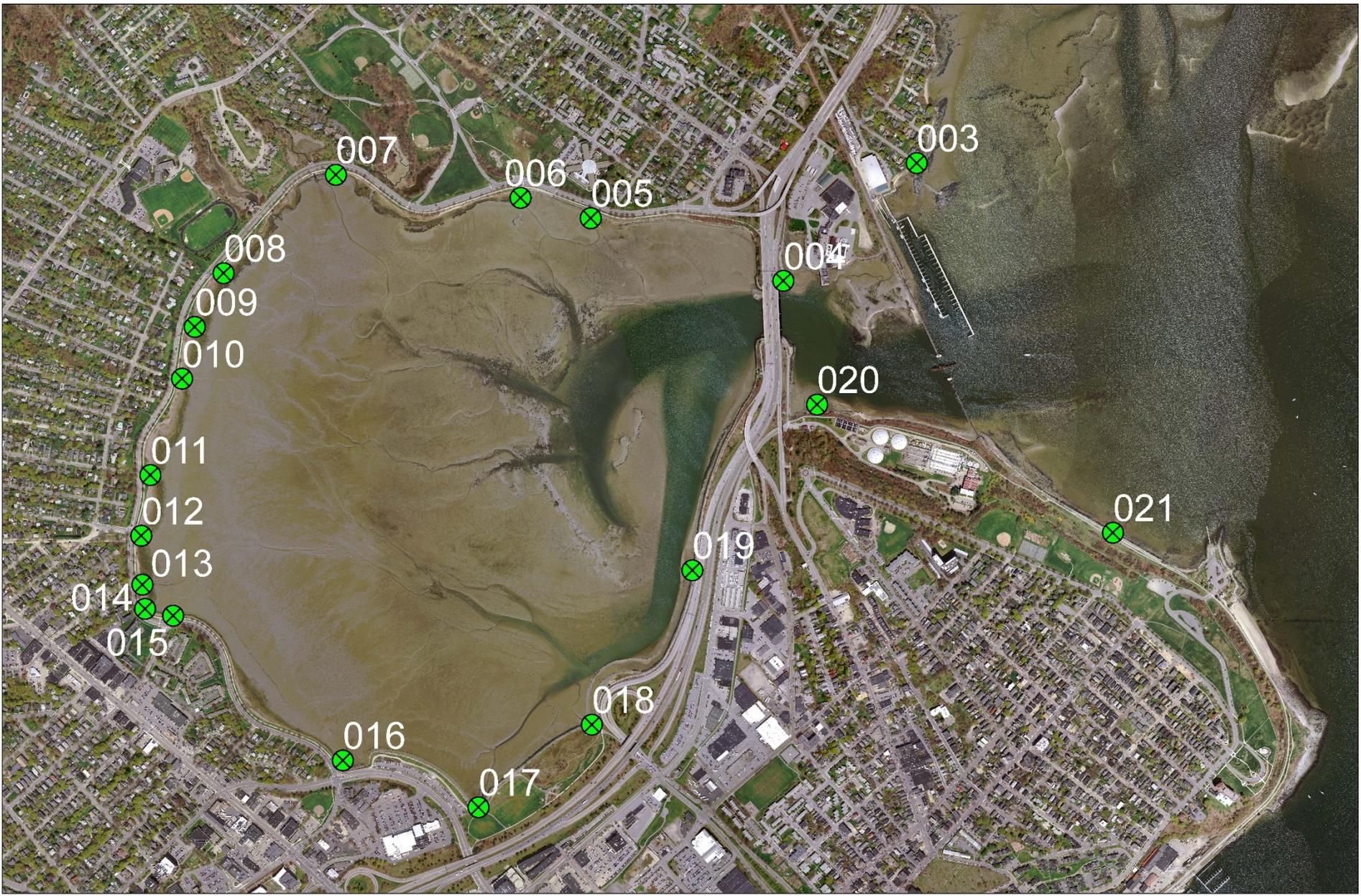


Artwork modeled after
St. Louis MSD - Clean Rivers Healthy
Communities Program illustration

Portland's Wastewater System



Portland's Back Cove Outfalls



Project Goals

- Reduce CSO Discharge in Back Cove by installing new storm drains
- Close CSO #10, in 2017 18,000,000 gallons of overflow.
- Build a storm drain that can convey a typical years storm event
- Replace the existing sewer main which is in poor condition
- Help the City comply with EPA Long Term Control Plan requirements for CSO reduction
- Help improve and protect the water quality in Back Cove and Casco Bay
- Upgrading the area's drinking water systems (Portland Water District)
- Improving pedestrian access by installing new concrete sidewalks on Mackworth Street.

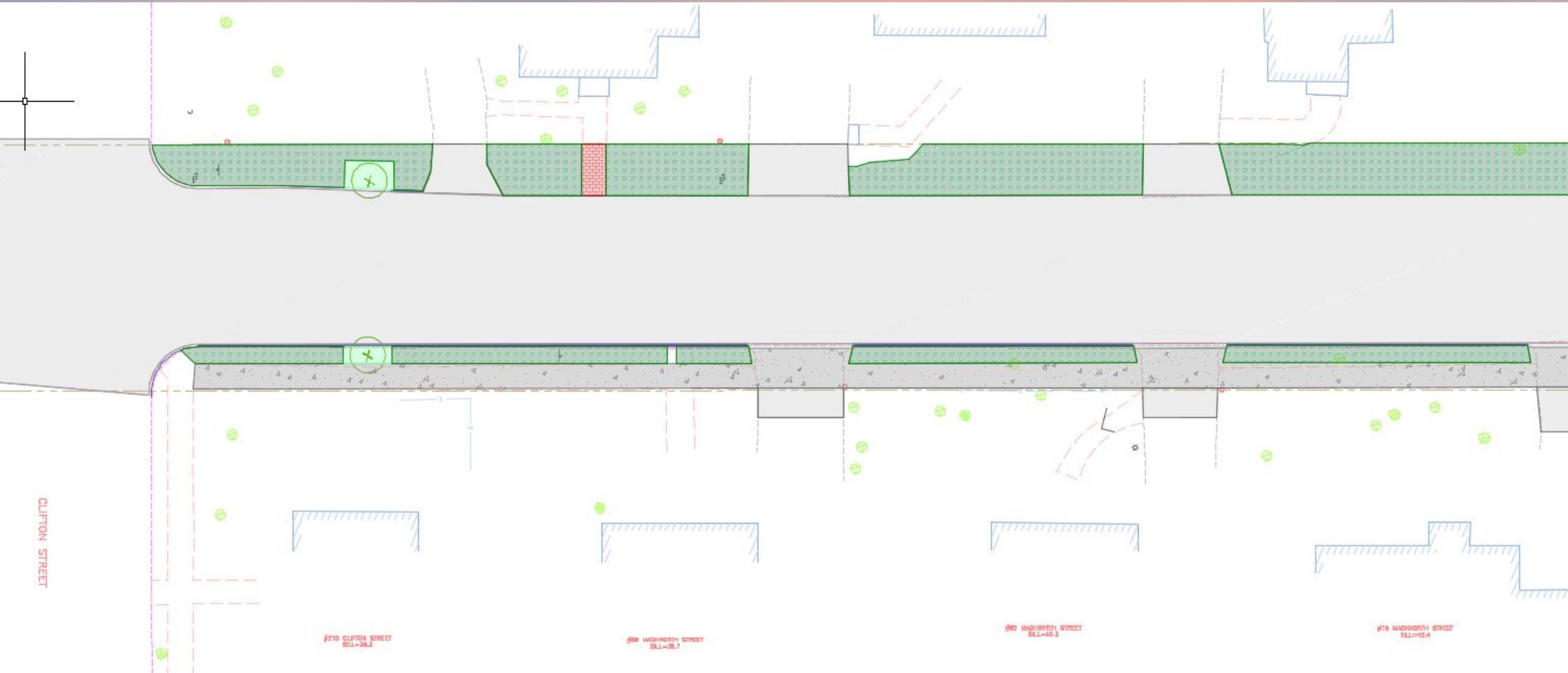


Project Description

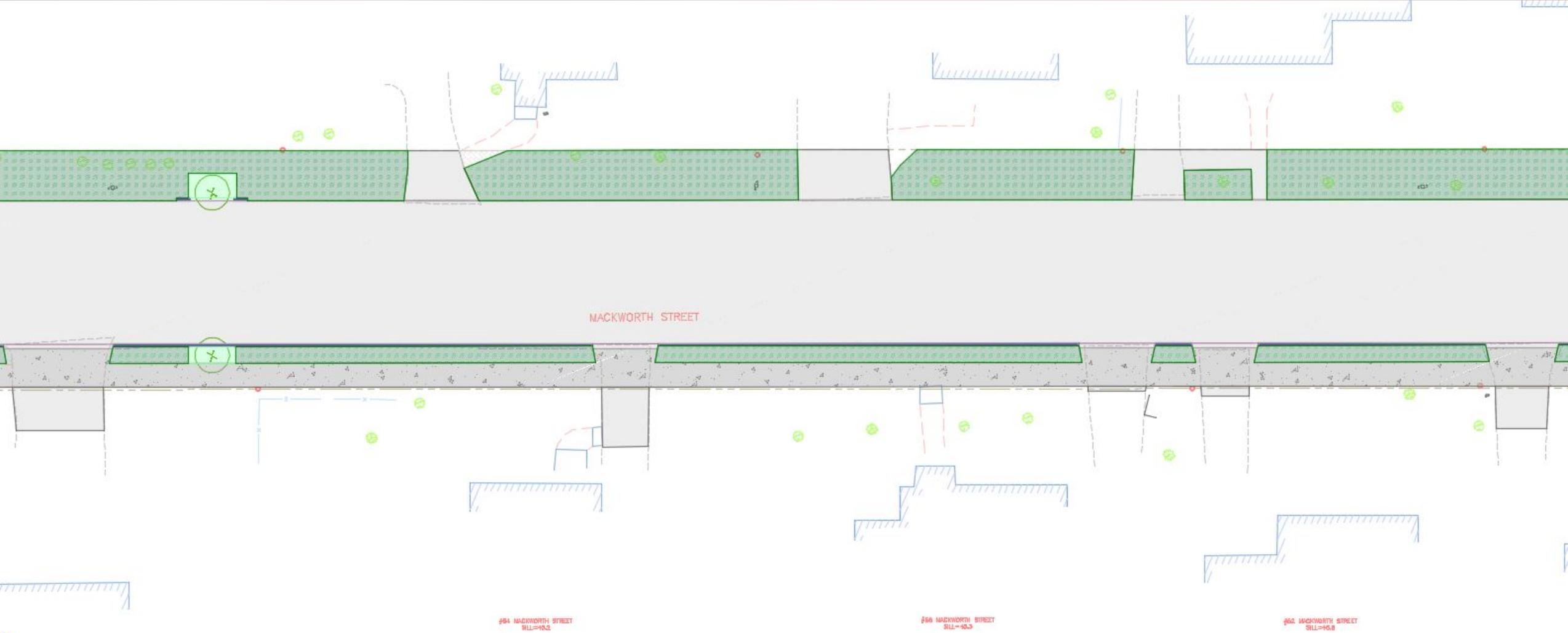
- Removing 166 acres of drainage out of the combined sewer shed
- New 10" – 48" storm drain and 12" sewer main will be installed within the following streets:
 - Mackworth Street (Baxter Blvd to Ocean Ave)
 - Ocean Street (Walton St to Chenery St)
 - Walton Street (Ocean Ave to Canco Rd)
 - Sawyer Street (Ocean Ave to Irving St)
 - Short section of Mayland St, Irving St and Forest Ave
- In total the project will construct 15,000 linear feet of new storm drain and new sewer main.
- The streets within work area will be reconstructed and new pavement installed.
- Mackworth Street will get new granite curb and new concrete sidewalks on the even side of the street.
- New handicap ramps and crosswalks will be installed at existing crossing locations.
- New 3,700 feet of 8" & 1,600 feet of 12" DI water main on all of the same streets.
- Current estimate is \$5,730,000 for City and \$2,613,000 for PWD



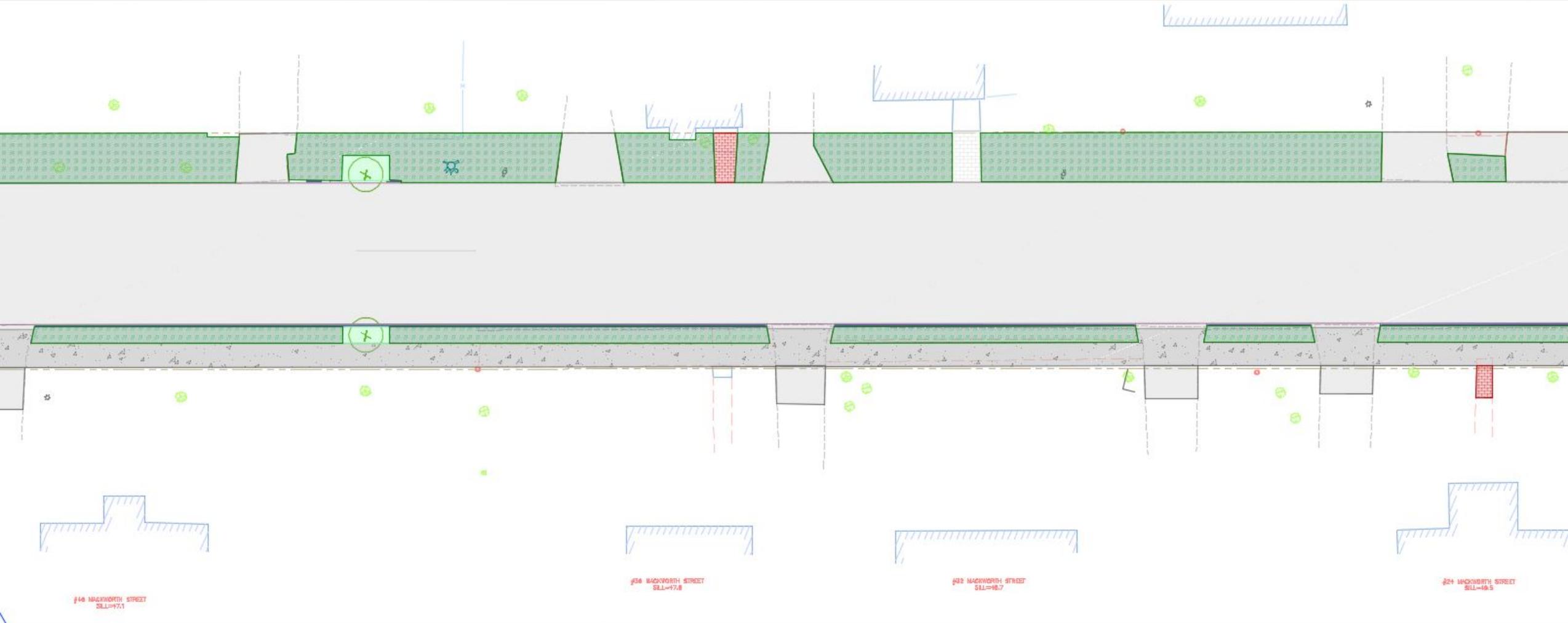
Mackworth Street



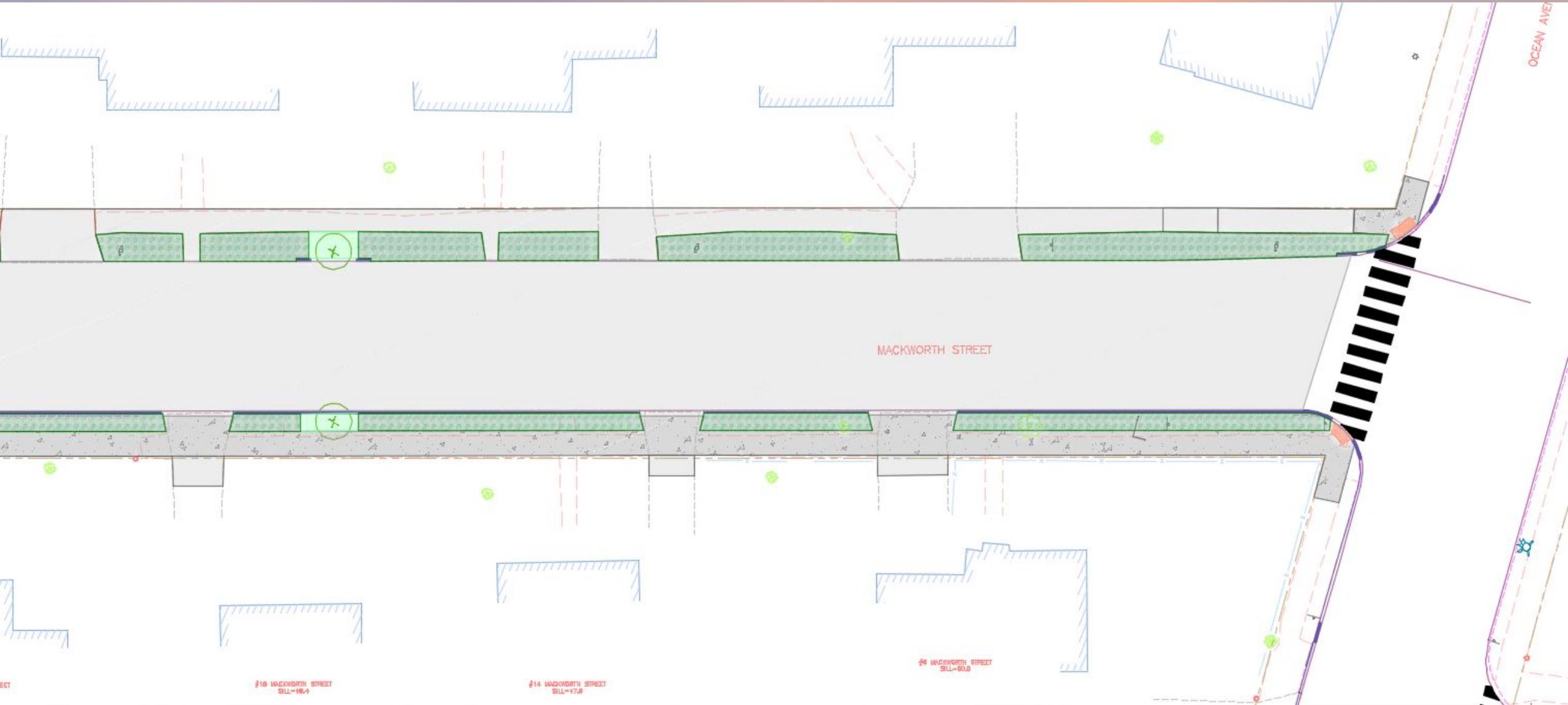
Mackworth Street



Mackworth Street



Mackworth Street



What to expect during the Project

- Noise – Ledge removal
- Large equipment and machines around
- Traffic disruptions, backups, slow – especially on Ocean Avenue
- Streets will be closed to local traffic only
- Temporary disruptions to driveways, water and sewer lines (contractor must provide notification)
- Temporary water lines will be installed running across yards and connecting to houses
- Dust- Contractor required to control dust but it can still get dusty at times
- Professional interactions with Contractor- let us know if this doesn't happen.



Sequencing of project

- Start of Construction Late March- Early April 2019
- Project could start by installing New Back Cove Outlet.
- Installation of water valves and temporary water.
- April, contractor will start storm, sewer, water work on Mackworth St from Clifton to Ocean.
- Contractor will then start installing storm, sewer and water in Ocean Ave from Mackworth to Walton St.
- They will then work in Ocean Ave from Mackworth to Chenery St.
- Also in 2019 will be installing sewer and storm drainage in Mayland St, Irving St, and Forest Ave at Baxter Woods.
- Work to be done in 2020 will be storm drain from Baxter Blvd to Clifton St.
- All sidewalks, curbing and driveways.
- Walton Street sewer, storm and water main will be done in 2020 as well as any sidewalk and driveway work.
- Sawyer Street sewer and water main will be done in 2020.
- Roadway reconstruction will occur throughout project on streets that have utilities completed.
- Base Paving will occur throughout project as work is complete.
- Project will be substantially complete by end of October.
- Final Paving and Misc. restoration to occur in the 2020 as well as 2021.





2009 4 1





2006 6 29







2017





2016 11 04

Questions?

- Please sign the sign in sheet!

