

2024 Birchwood Estates Street Reconstruction Project Preliminary Project Information



Topics in this Presentation

- ✓ Proposed improvements
- ✓ Construction process
- ✓ Plymouth's special assessment policy
- ✓ Project schedule
- ✓ Providing feedback

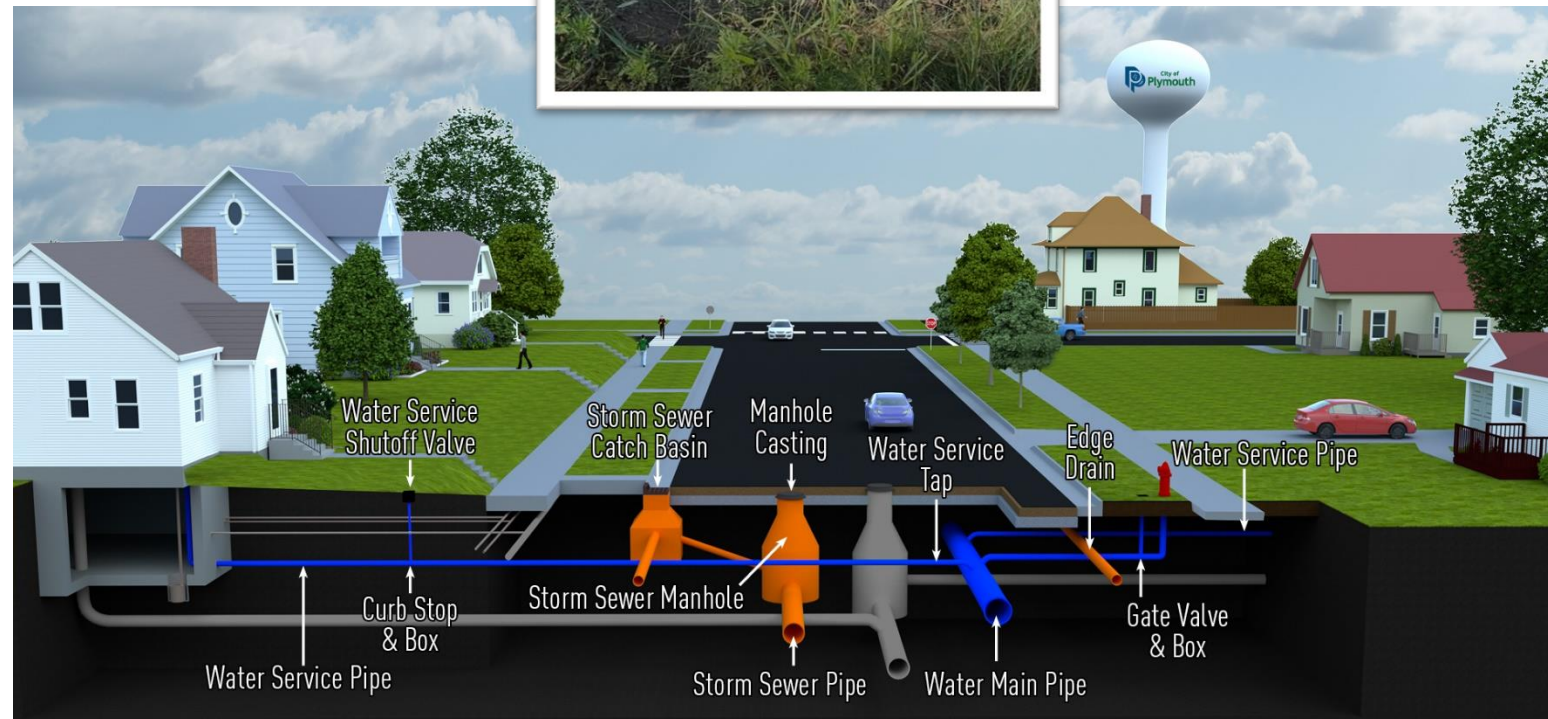
Project Overview

- Watermain Replacement
- Minor sanitary sewer adjustments/repairs
- Drainage Improvements
- Stormwater Management Improvements
- Roadway resurfacing



Watermain Improvements

- Existing 1960s era, 6" cast iron watermain
- Replacement with 8" PVC watermain & new fire hydrants
 - Improved flow for fire fighting
 - Improved reliability
 - Prevent future costly breaks & service disruption
- New water service lines from the watermain to the property line



Drainage Improvements

- Addition of new storm drains at spacing meeting City drainage standards
- Replacement of existing corrugated metal storm sewer piping with modern reinforced concrete pipe
- Addition of concrete curb and gutter

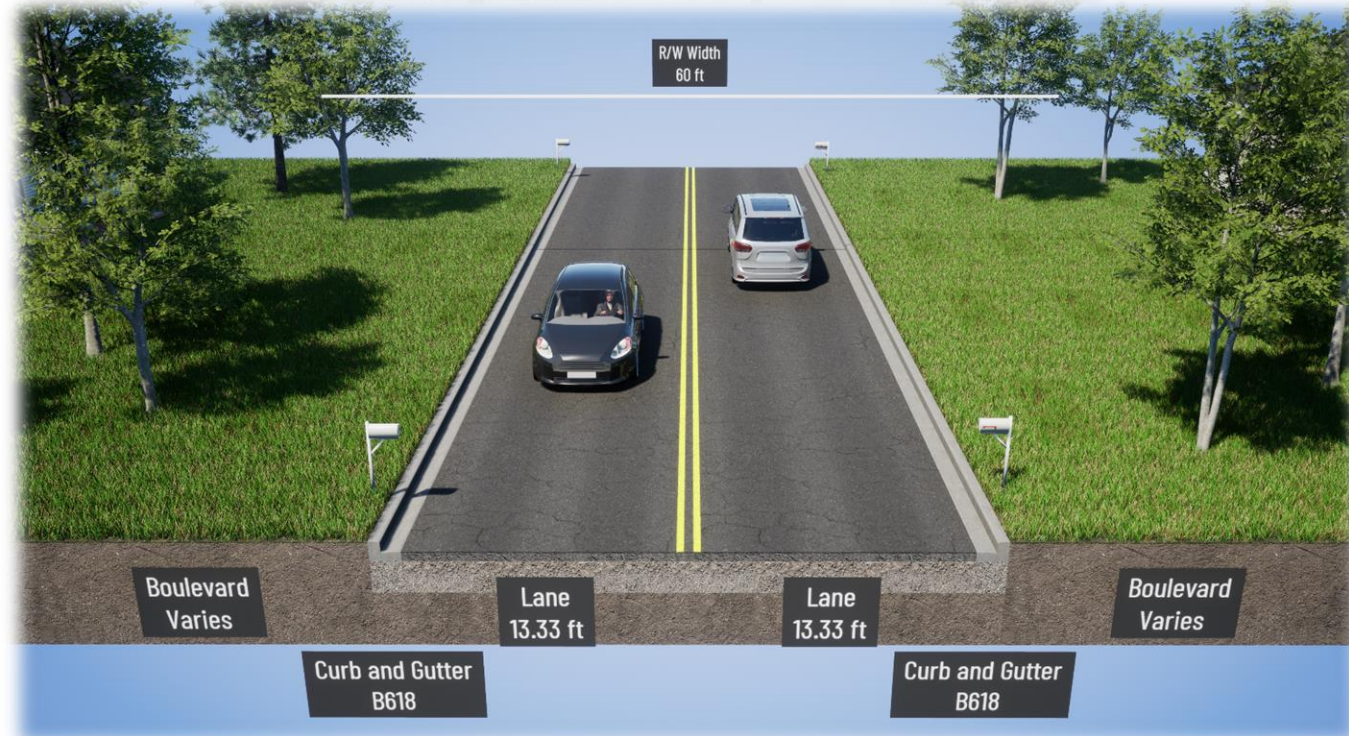


Street Reconstruction

- Existing Rural road section – no concrete curb and gutter, poor drainage
- Pavement Management Program - started in 1987 with the goal of reducing roadway maintenance

Full street reconstruction

- Engineered road section – subbase, aggregate base, bituminous (asphalt) pavement
- Addition or replacement of curb and gutter – barrier style curb
- Proposed width of 28' from back of curb to back of curb to match City Standards
 - Existing roadway width varies between 28.5' -30.5'



Stormwater Management Improvements

- Improved water quality for downstream receiving lakes and wetlands, such as Gleason Lake
- Underground stormwater retention systems
- Sediment capture devices inside storm drainage structures
- Rain garden installations
 - Interested residents are encouraged to submit a comment card and indicate they would be interested in adding a Rain Garden to their property
 - City will fund the initial costs and residents can help with aesthetic maintenance
 - Project team will evaluate suitability of individual properties and follow up with interested residents.



Comment Card
City of Plymouth
2024 Birchwood Estates Street & Utility Improvements

Name: _____ Telephone: _____

Address: _____ Email: _____

Are you interested in adding a rain garden to your property? (If yes, please fill out all the above contact information) **YES** **NO**

Comments / Questions: _____

Construction Process

Pavement Removals



Temporary Water Distribution System



Watermain & Service Replacement



Storm Sewer Installation & Stormwater Management



Roadway Reconstruction



Concrete Curb & Gutter Installation



Roadway Paving



Turf Restoration



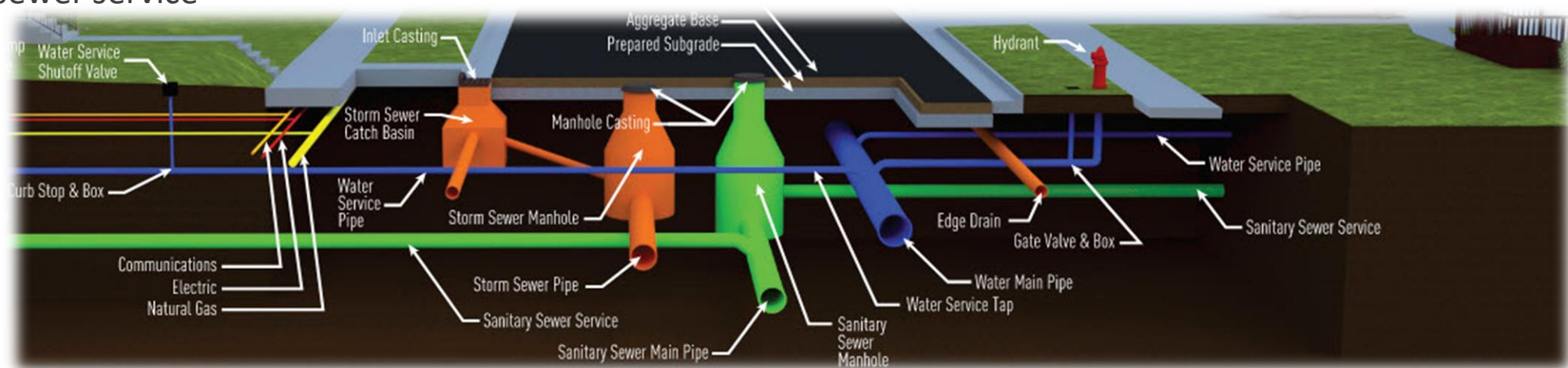
Construction Impacts

Private Utilities (Gas, Power, Cable, Phone)

- Limited replacements/adjustments prior to and during construction
 - Residents should be notified of any planned outages by utility company
- Unplanned outages may occur during construction
 - Residents can report these outages directly to the utility company

Public Utilities (Water, Sewer)

- Temporary water system to be provided to maintain water service during construction, with exception to a few short duration (hours) temporary outages
- No disruption to sewer service



Construction Restoration

Landscaping in right-of-way or easements

- Trees, bushes, flowers, landscaping items, etc.
- May be removed due to reconstruction of street or utilities
- Homeowner must remove/salvage items prior to construction if they wish to save the landscaping items
 - Project team can coordinate with residents on approximate disturbance limits as we near construction

Turf

- Areas disturbed by construction activity will be sodded or seeded at the end of each construction phase

Irrigation Systems

- Systems damaged by construction activity will be repaired

Construction Restoration

Driveways

- Portions near the street will be removed and replaced
- Driveways impacted by construction activity will be repaired with material in-kind
 - Asphalt – saw cut and patch
 - Concrete – removed at joint
 - Brick pavers – salvaged and reinstalled

Right of Entry

Right of Entry forms available to sign and return to the City

- Needed for grading tie-ins, driveway patching, and water service replacement to curb stop



Construction Process



Typical Working Hours

- Monday to Friday: 7am – Sunset
- Saturday: 8am – 6pm
- Sunday: special circumstances but typically not allowed
- Holidays: no work allowed



Staged Construction Schedule

- Construction is anticipated to occur May – October 2024
- Goal to minimize duration and impacts
- Expected to be completed in two stages

Construction Access

Access During Construction

- One drivable lane for emergency services
 - Access will change as construction progresses
 - May be delays due to construction activity
- Segments of roadways will be closed to thru traffic during construction
- Direct access to driveway at end of the working day overnight and weekends if no work occurs
 - Exceptions – concrete curb or driveway needs to cure for 7 days to support vehicles
- Notify the project team of special needs or events
 - Wheelchair access and medical needs
 - Graduation parties
 - Weddings
 - Funerals
 - Daycares

Construction Impacts

Inconveniences and Delays will be common

- The project team will help minimize these inconveniences to make things run as smooth as possible



Resident support & access

- Communication of construction schedule and access restrictions
- On-site construction liaison
- Project email updates

Assessment Policy & Hearing

Special assessments applied to adjacent, benefiting properties

- 40% of street and storm sewer improvement costs paid by property owner
- City pays remaining 60%

Project costs not assessed and fully paid by the City

- Sidewalk/trail improvements
- Water main and sanitary sewer maintenance

Public & Assessment Hearing

- Notice of proposed assessment amounts and public hearing will be mailed two weeks prior to the Council meeting
- Tentatively scheduled for Winter 2023-2024

Assessment Payment Options

Option 1 – Pay in full or partial payment(s) by 10/31/24*

- No interest applied

Option 2 – Pay in full between 11/1/24* and 11/15/25*

- Includes 1st year of interest

Option 3 – Pay over the assessment term with interest

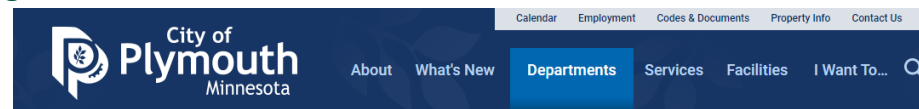
- Paid through property taxes
- Option is selected by default if not paid in advance

*Dates are tentative and subject to change

Project Website

City of Plymouth Project Website: plymouthmn.gov/birchwoodrecon

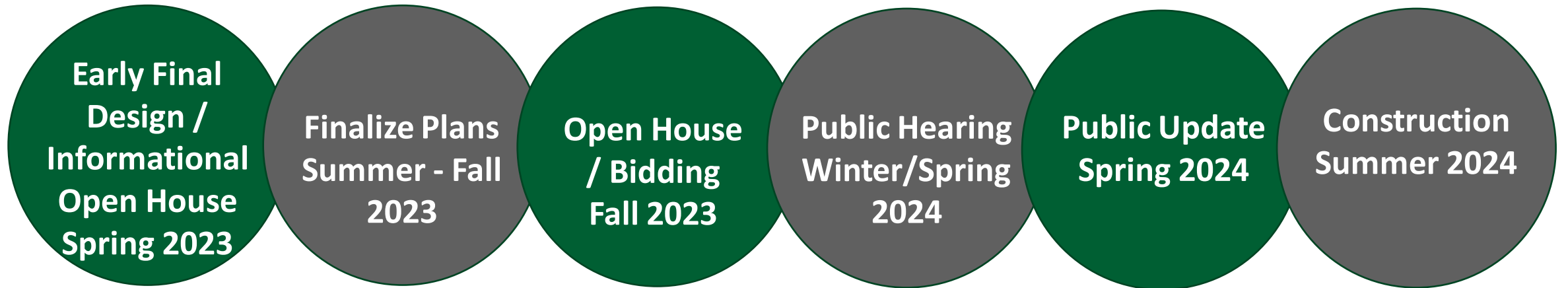
- Scan the QR code or use the url above to visit the project website!
- Project information, schedule, documents, updates, FAQ
- Sign up for email updates
 - Sent as needed leading up to construction
 - Sent at least once a week during construction



A screenshot of the project website page. On the left is a sidebar with a list of project categories: Public Works, Project Spotlight (containing MnDOT Highway 55 Pavement Improvement Project and Station 73 TRIP (County Road 73 and Highway 55) Project), Street Projects (containing Street Reconstruction FAQs, Mill & Overlay FAQs, Hidden Lake and Beacon Heights 2nd Street Reconstruction, Chankahda Trail Reconstruction Project, Gleason Lake Drive Reconstruction Project, and 2022 Vicksburg Lane Improvement Project). The main content area shows the breadcrumb trail: Departments > Public Works > Project Spotlight > Street Projects > Birchwood Estates Street Reconstruction. Below the title are links for Print, Share & Bookmark, and Font Size. Two prominent buttons are visible: 'STREET RECONSTRUCTION FAQs' and 'PROJECT UPDATE EMAIL SIGN UP'. The 'Project Overview' section contains a paragraph describing the project and an adjacent map. The 'Anticipated Schedule' section lists key events: Informational Meeting (March 22, 6-8 p.m.), 90% Draft Plans Open House (Fall 2023), Public Hearing (Winter/Spring 2024), and Construction (Summer 2024 - Summer 2025).



Project Schedule



Share your feedback!



At the public meeting



Contact a project team member

Visit the project website for more information and to sign up for email updates: plymouthmn.gov/birchwoodrecon



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612-221-6946

Mike Payne, Assistant City Engineer
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763-509-5538

Thank You for Attending!

