

**Meadowbrook Community Council**  
**January 13, 2015**

Seattle  
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Utilities

# Thornton Creek Confluence Project Overview

- ❑ New 1.5 acre floodplain and meandering channel for creek
- ❑ Construction of a new culvert under 35<sup>th</sup> Ave N.E.
- ❑ Removal of chokepoint
- ❑ Reduce downstream peak flows
- ❑ Improved wildlife habitat with native riparian plantings
- ❑ Removal of invasive plants on the stream bank
- ❑ Planting of over 600 new trees and 3,800 shrubs

# Coordination

- King County
- Private Utilities
- Tribes
- State
- Federal
- Seattle City Schools
- Adjacent Neighbors
- Community
- Other City Departments

# Project Funding

- SPU – drainage rates
- King County Flood Control District
- Washington Department of Ecology



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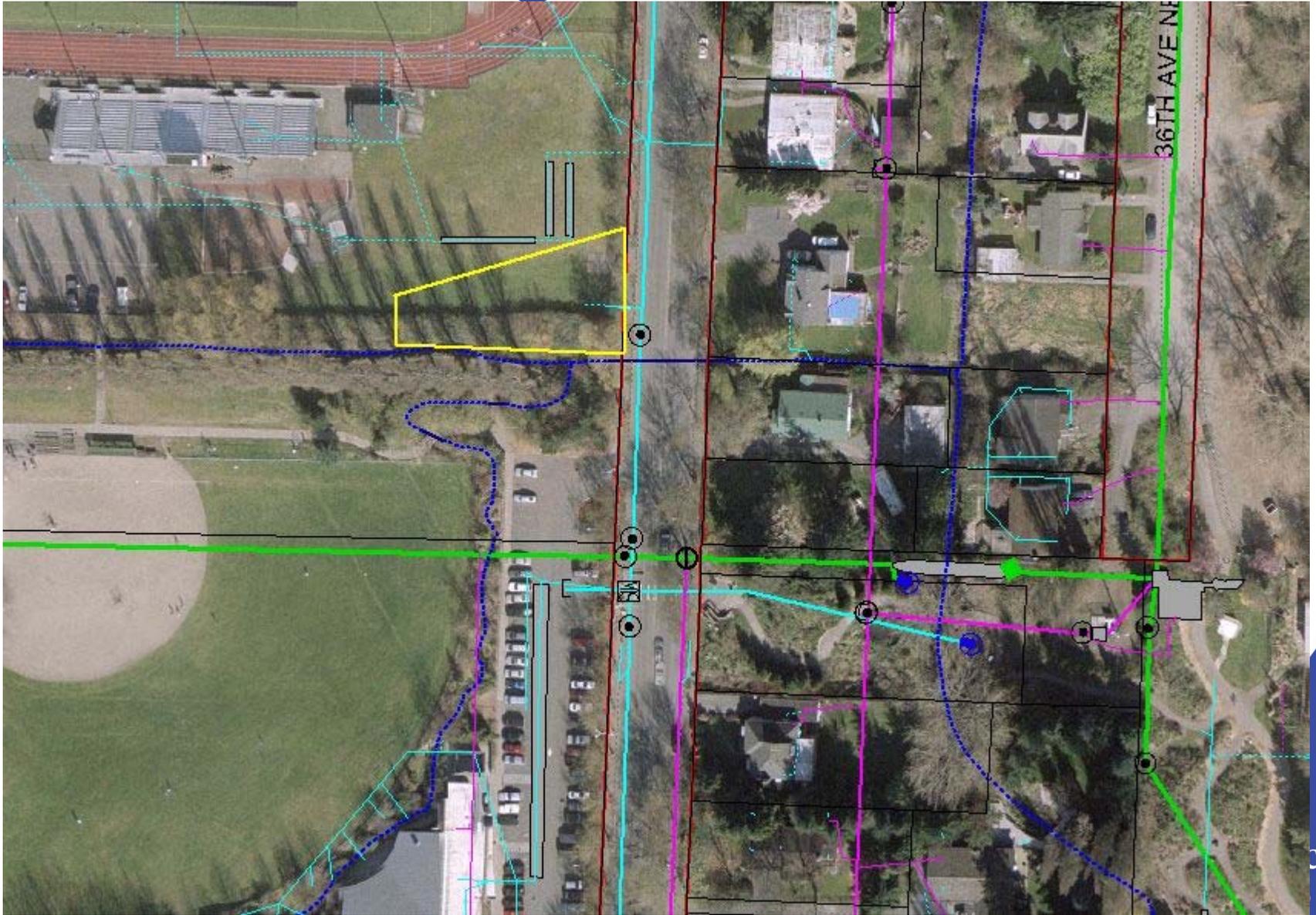
# Schedule of Key Milestones

- March 31, 2014 – Contract awarded to Westwater Construction
- May 5, 2014 – Notice to Proceed Issued
- June 2, 2014 – Closed 35<sup>th</sup> Ave NE
- July 1, 2014 – Creek by-pass begins
- Significant Rain Events during the by-pass
  - July 23
  - August 12 & 13
  - Labor Day Weekend – August 30 – September 2
  - September 23 & 24
- September 12, 2014 – Bridge Girders are installed
- September 30, 2014 – Creek work (fish window) complete
- October 23, 2014 – Artwork installation complete
- December 3, 2014 – North bridge approach poured
- December 12, 2014 – South bridge approach poured
- January 2015 – substantial completion

# Construction Challenges

- Unanticipated Findings
  - Contaminated soils (hydrocarbons)
  - Archeological Discoveries/Explorations
  - Hazardous material (asbestos pipe)
- Summer Storms
  - Corps of Engineers extends permit 30-days
- Freezing conditions

# Starting Conditions



# West of 35<sup>th</sup> Ave NE



# East of 35<sup>th</sup> Ave NE



# May – Construction begins



# June



# June



# June



# July



# July



# July



# Summer Storms



# August



# August



# September



# Girder Installation



# October





# 1% for Art

# October



# November



# December



# Stay Involved

## Contact us:

### Thornton Creek Confluence Project

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[www.seattle.gov/util/meadowbrookthorntoncreek](http://www.seattle.gov/util/meadowbrookthorntoncreek)