

Seattle Public Utilities

45th Ave SW Culvert Replacement Project Mid Design Update

Jonathan Brown | Project Manager

March 12, 2024

Fauntleroy Community Association Meeting

Seattle Public Utilities



City of Seattle

Agenda

- Project Background
- Mid Design Update
- Next Steps
- Q&A



Project Background

Supporting a healthy urban
watershed in your neighborhood



Project Location

 45th Ave SW Culvert



What is the problem?

- Existing culvert is in poor condition and at risk of failure
- Culvert is currently a barrier for fish passage, cutting fish off from upstream spawning habitat
- Challenging working conditions for SPU's maintenance crews



Project Goals and Benefits

- Full culvert replacement needed, repair is not an option
- Restore fish passage, which supports Tribal treaty rights and SPU's commitment to racial and social justice
- Provide safer working conditions for SPU's maintenance crews
- Enhance the community's connection to the Fautleroy Creek Watershed



Mid Design Update

What's new with the design?



Design Details

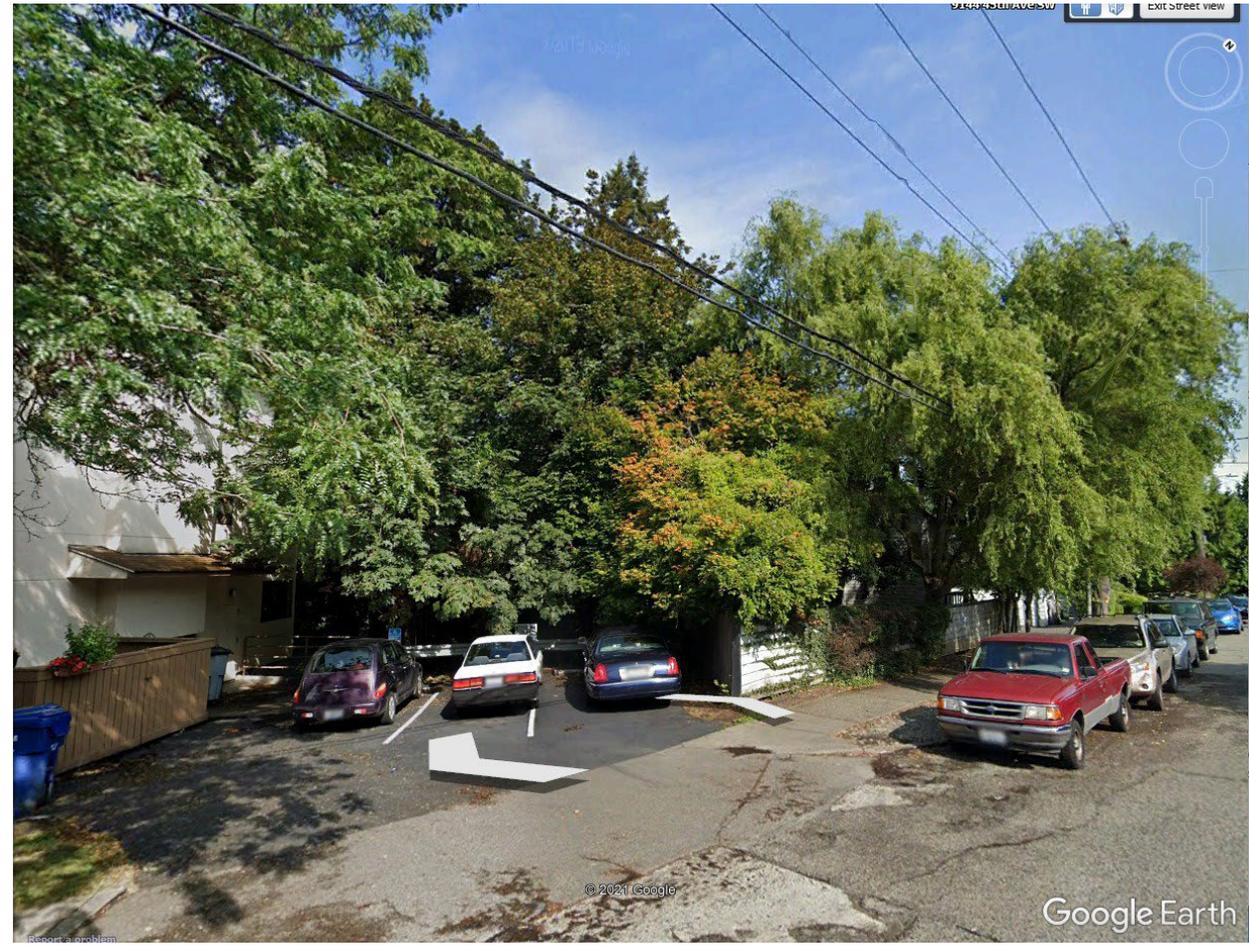
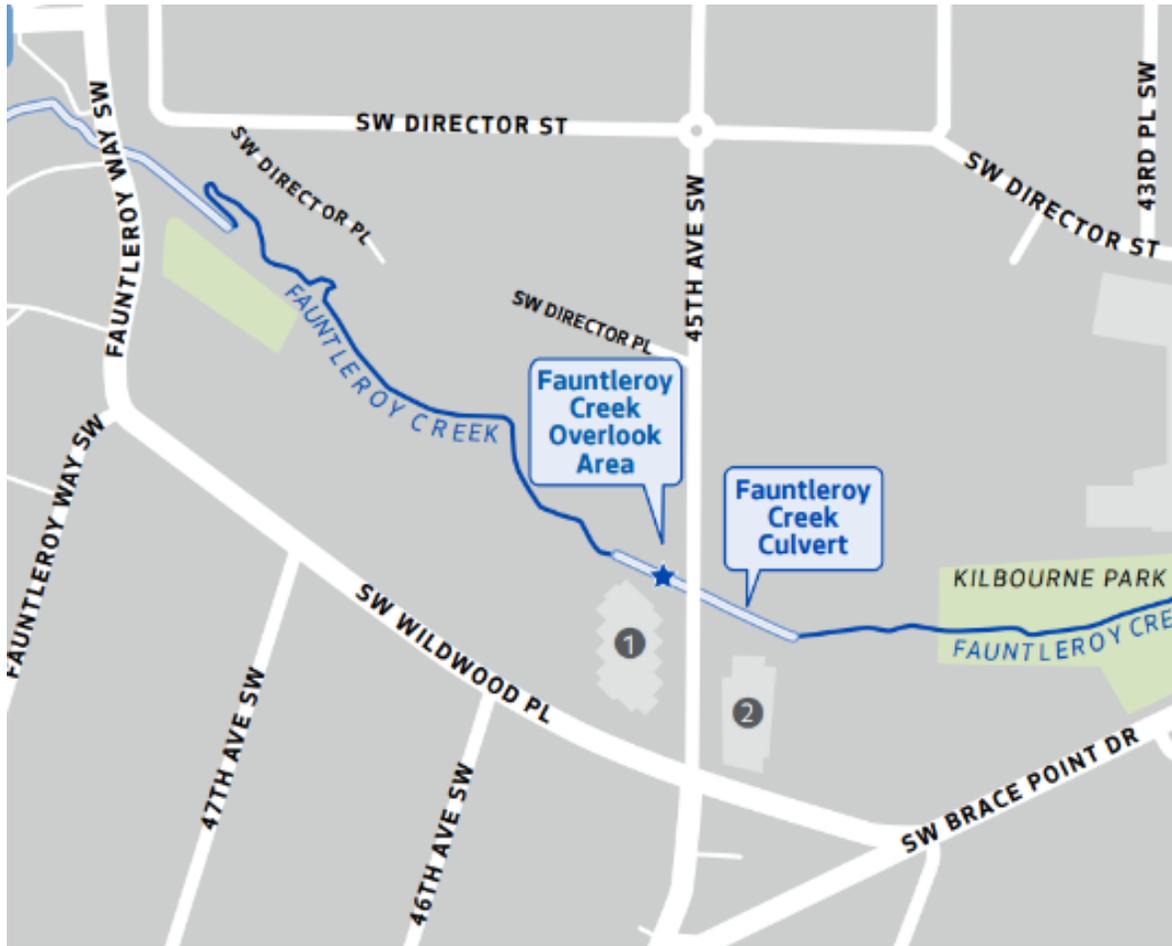
- Upsizing existing 24" diameter culvert to a 14' wide by 8' tall fish passable structure:
 - Sized to meet state and federal fish passage requirements and for future climate change considerations
- Enhancing habitat
- Providing secure maintenance access for SPU crews
- Creek overlook area with potential for public amenities



Design Requirements
2-foot culvert replaced
with 14-foot-wide culvert



Fauntleroy Creek Overlook Area



Fauntleroy Creek Overlook Area



Draft design (looking west)



Draft design (looking northeast)

Anticipated Impacts

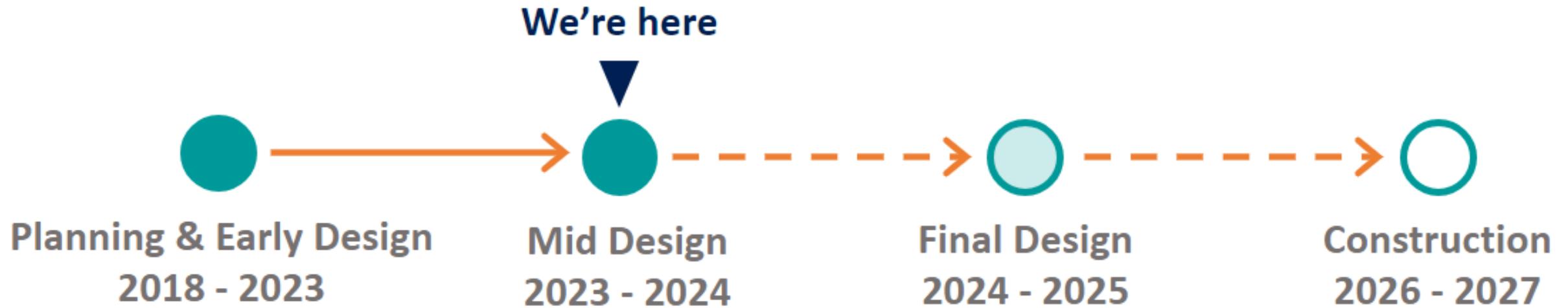
Construction expected to start in spring 2026:

- Construction days and hours will be shared when known
- During construction, neighbors may experience increased noise, light, dust, vibrations, and potential traffic impacts

SPU will take steps to lessen potential inconveniences to the surrounding community (to the extent feasible). Request for input on:

- Normal local business operation hours, delivery routes and times, any other specific uses or needs
- How public right-of-way space is used
- Upcoming community events
- Any other information that would be helpful for the project team to know

Project Timeline



Next Steps



Moving Forward

The Project Team will:

- Advance project design
- Coordinate further with permitting stakeholders and prepare applications
- Coordinate further with the Seattle Department of Transportation on construction and traffic impacts
- Incorporate public feedback to further refine Fautleroy Creek overlook space design

SPU crews will continue to monitor the site.



Thank you!

Do you have questions, comments, or ideas? Please contact:

Jonathan Brown, Project Manager
Email: Jonathan.Brown@seattle.gov
Phone: (206) 561-2581

**Learn more about the *45th Ave SW Culvert Replacement Project*, sign up for email updates, and take our survey through March 22 at:
www.seattle.gov/utilities/FauntleroyCreekCulverts**