NORTHGATE PEDESTRIAN AND BICYCLE BRIDGE PROJECT OPEN HOUSE

WELCOME!

歡迎

Bienvenidos

환영합니다!

Kính Chào Quý Khách

October 15, 2015

5:00 - 7:00 PM .....Open House
5:30 PM .....Presentation

Northgate Pedestrian and Bicycle Bridge Project
www.seattle.gov/transportation/northgatepedbridge.htm

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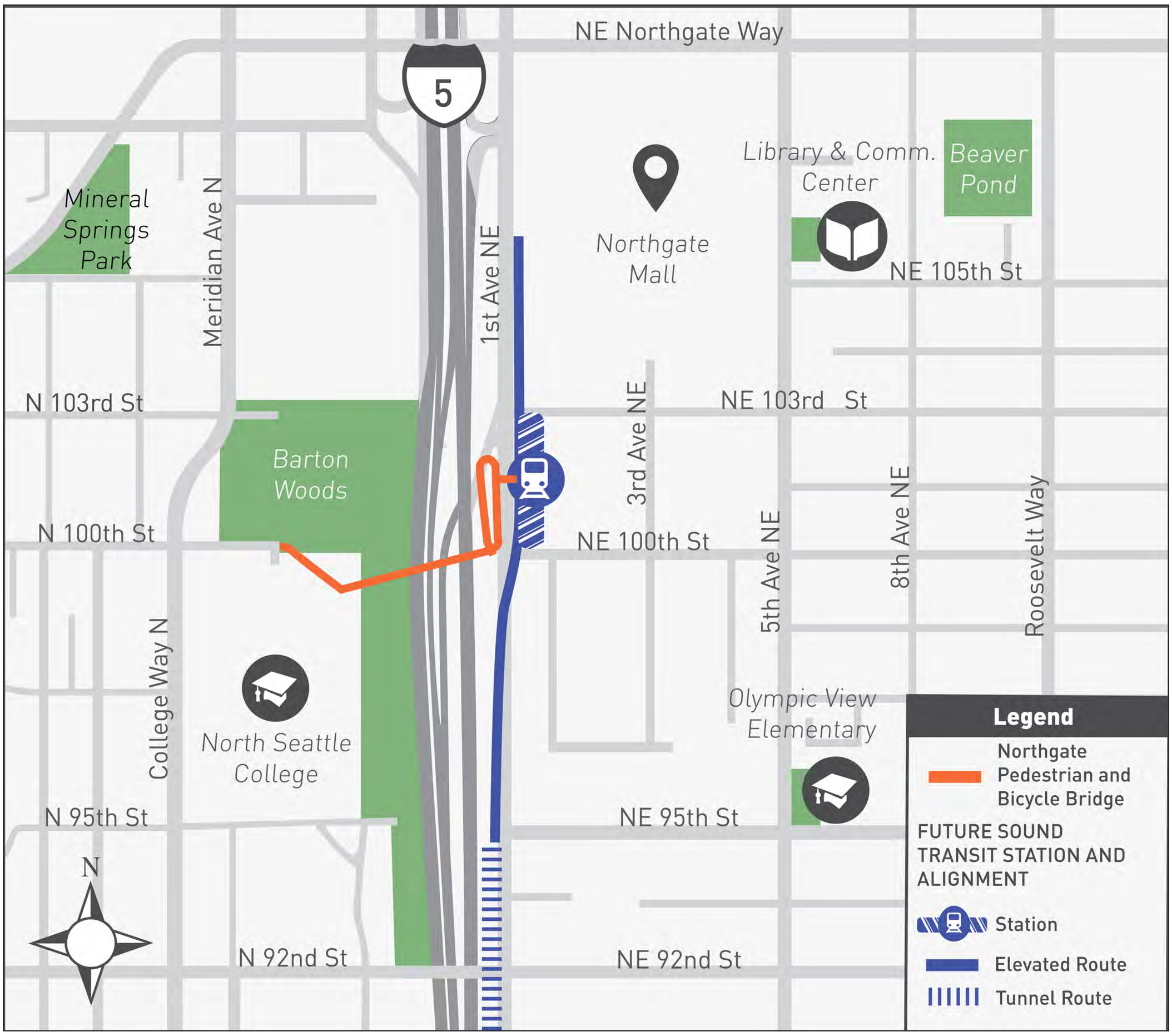
PROJECT OVERVIEW

Project Area



The Seattle Department of Transportation plans to build a new pedestrian and bicycle bridge over I-5 to improve connections within the Northgate community.

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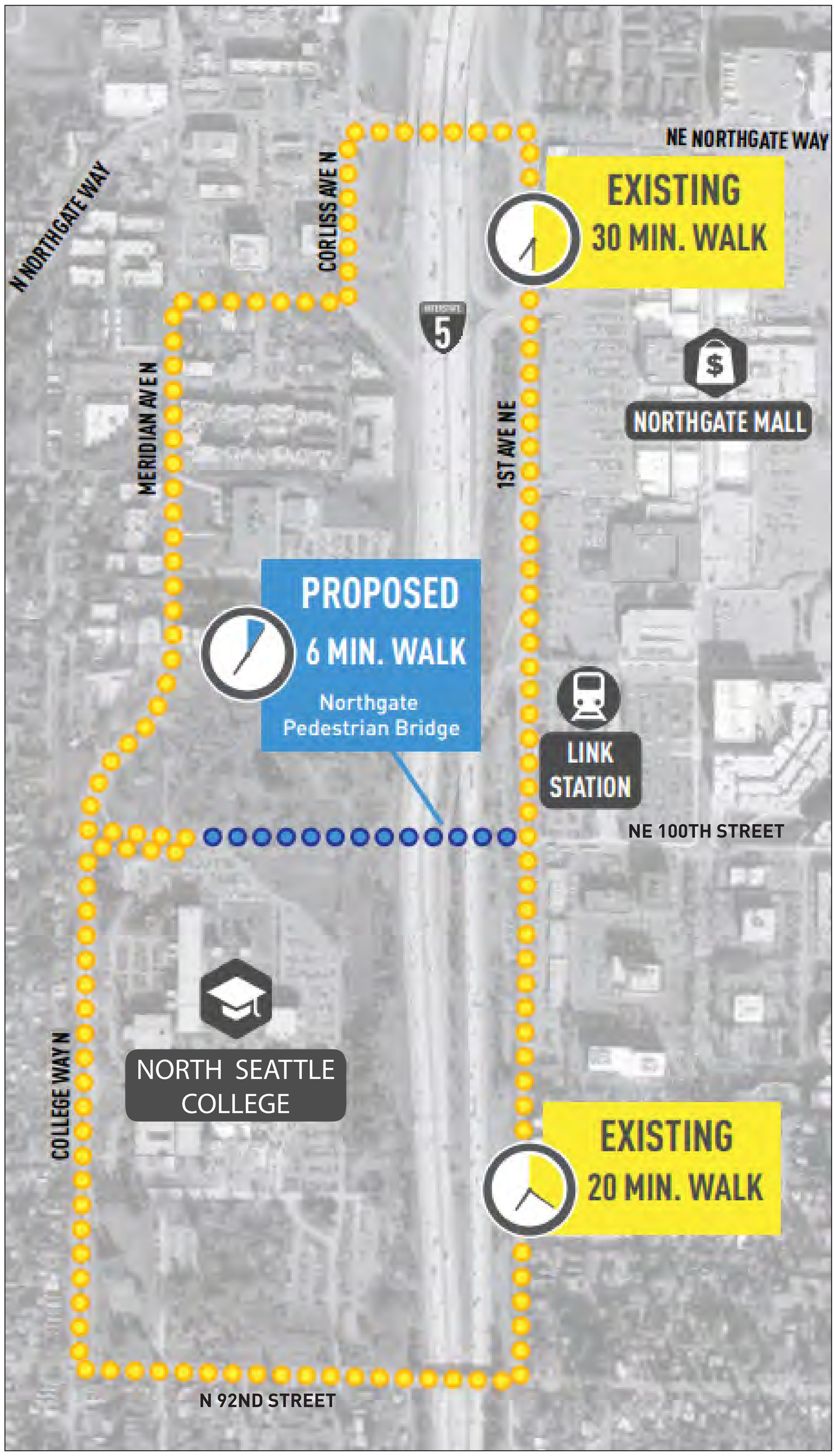
TRAVEL TIME COMPARISON



The two existing crossings of I-5 add nearly 20 minutes to the average walk time to the light rail station site, and one of those existing crossings is complicated by freeway entrances. People biking would cross the bridge in about 3-4 minutes.

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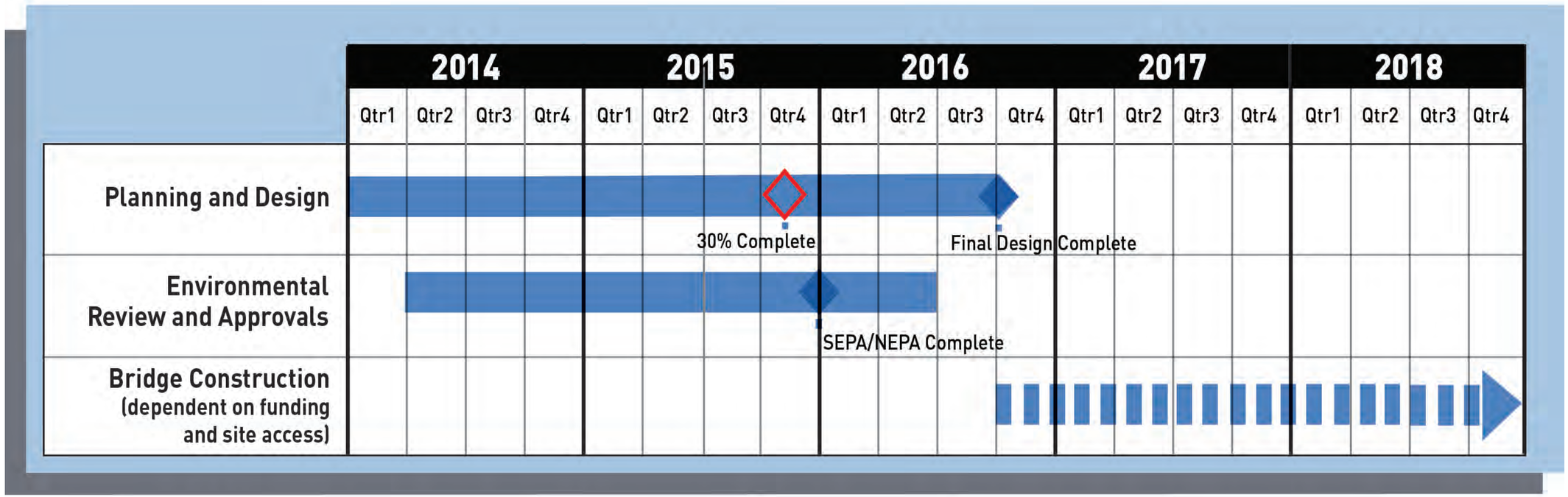
PROJECT FUNDING

Committed	
$5M	Sound Transit
$5M	City of Seattle
$10M	Washington State
Potential Additional Funding	
$15M	**Federal TIGER Grant** (out of a total $25 million grant)
$10M	**Move Seattle Levy** (out of the $15 million designated in levy)

Planning-level project cost estimate: $26.3 million

PROJECT TIMELINE



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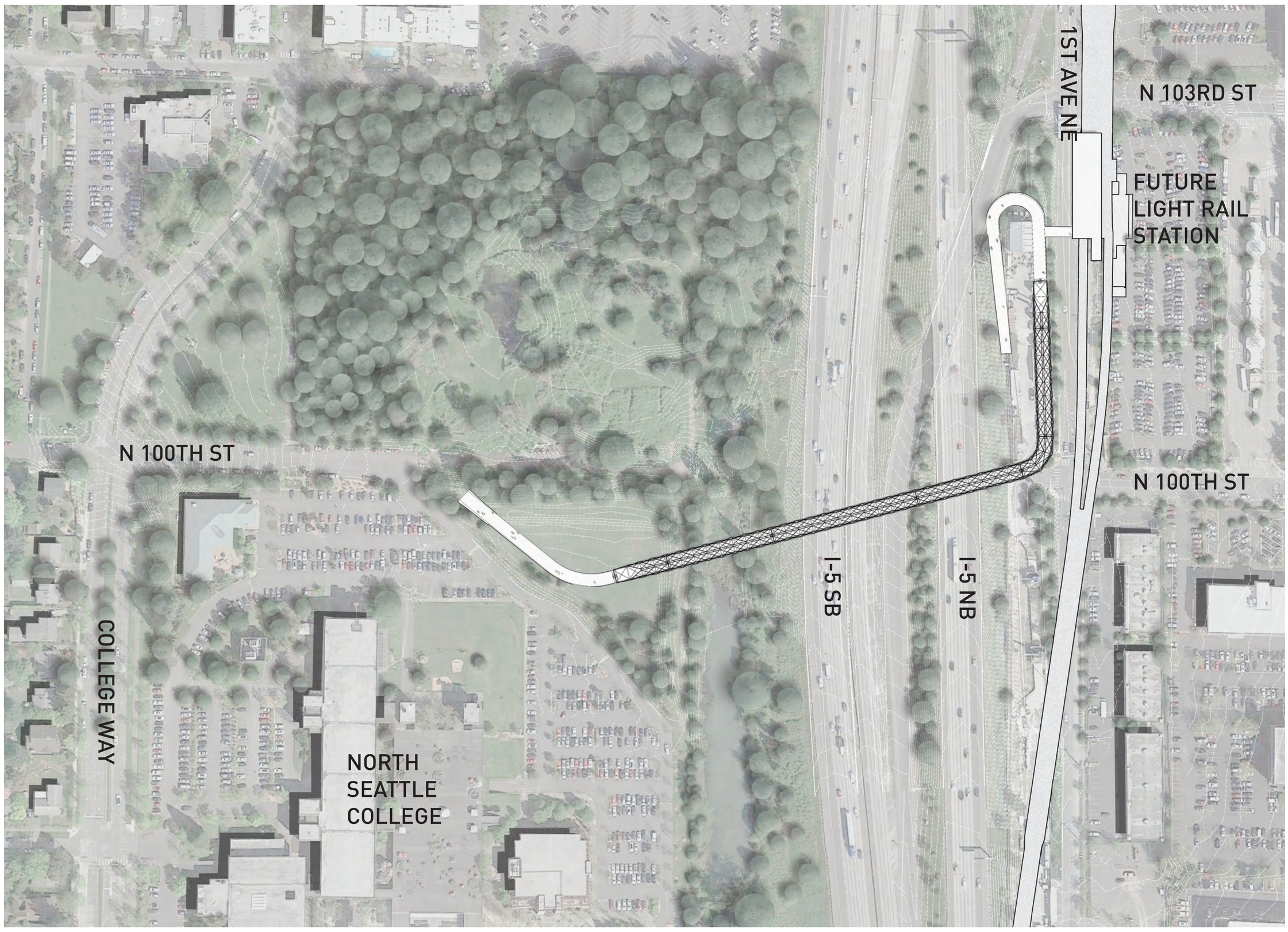
BRIDGE ALIGNMENT



Reasons for Selection:

- *Provides better sight lines for safety*
- *Links to existing and future bike facilities*
- *Proximity to campus*
- *Ideal elevation at connection to future Sound Transit Light rail station*
- *Minimizing ramp length/crossing time*
- *Site Constraints*
- *Minimizes environmental impacts*

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TUBE/TRUSS BRIDGE

Reasons for Selection:

- *Integration of safety systems: railings, barriers, and lighting*
- *Structural depth minimizes ramping*
- *Constructability and cost*
- *Unique aesthetic qualities*
- *Community preference*

Examples of truss bridges

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Main Span: View East above I-5

Leaning railing with integrated lighting

Throw barrier

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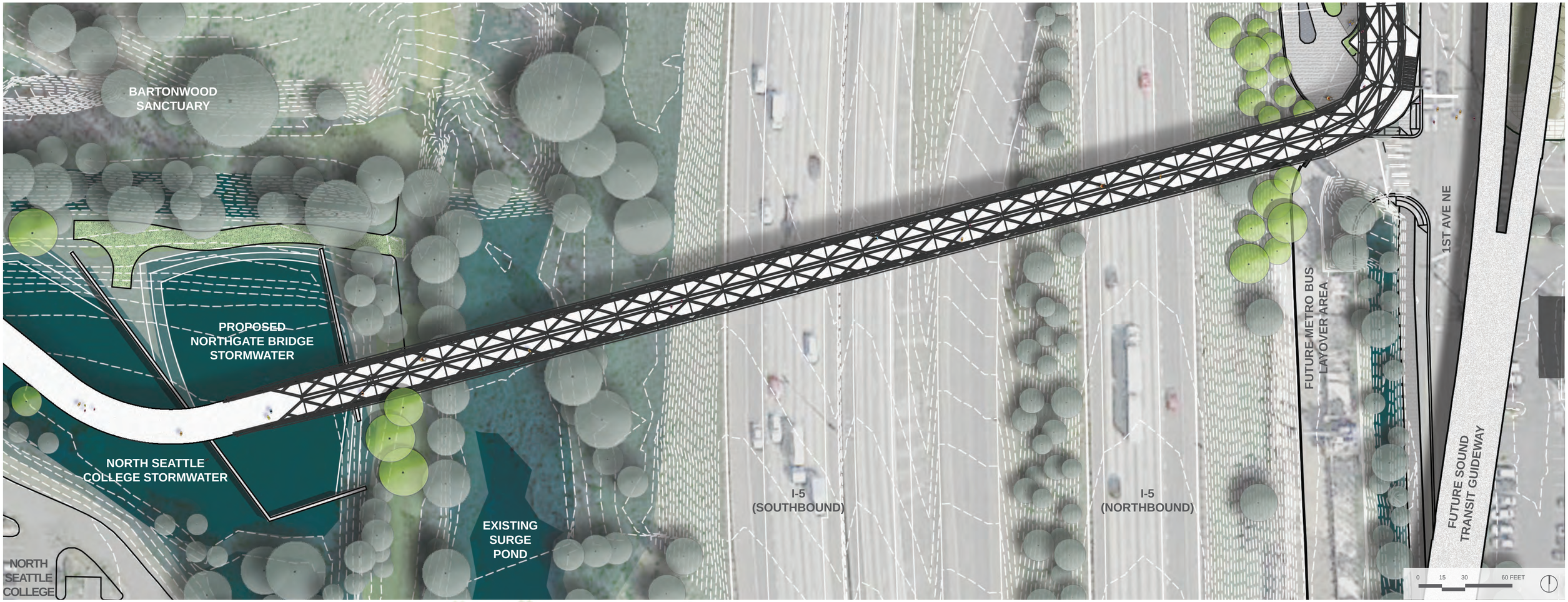
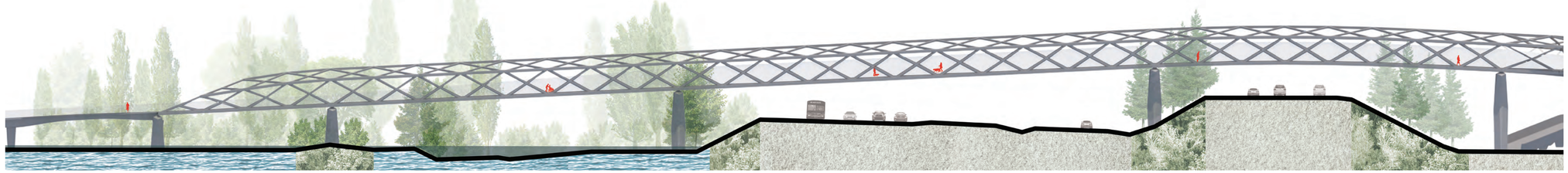
MAIN SPAN



Plan



Elevation

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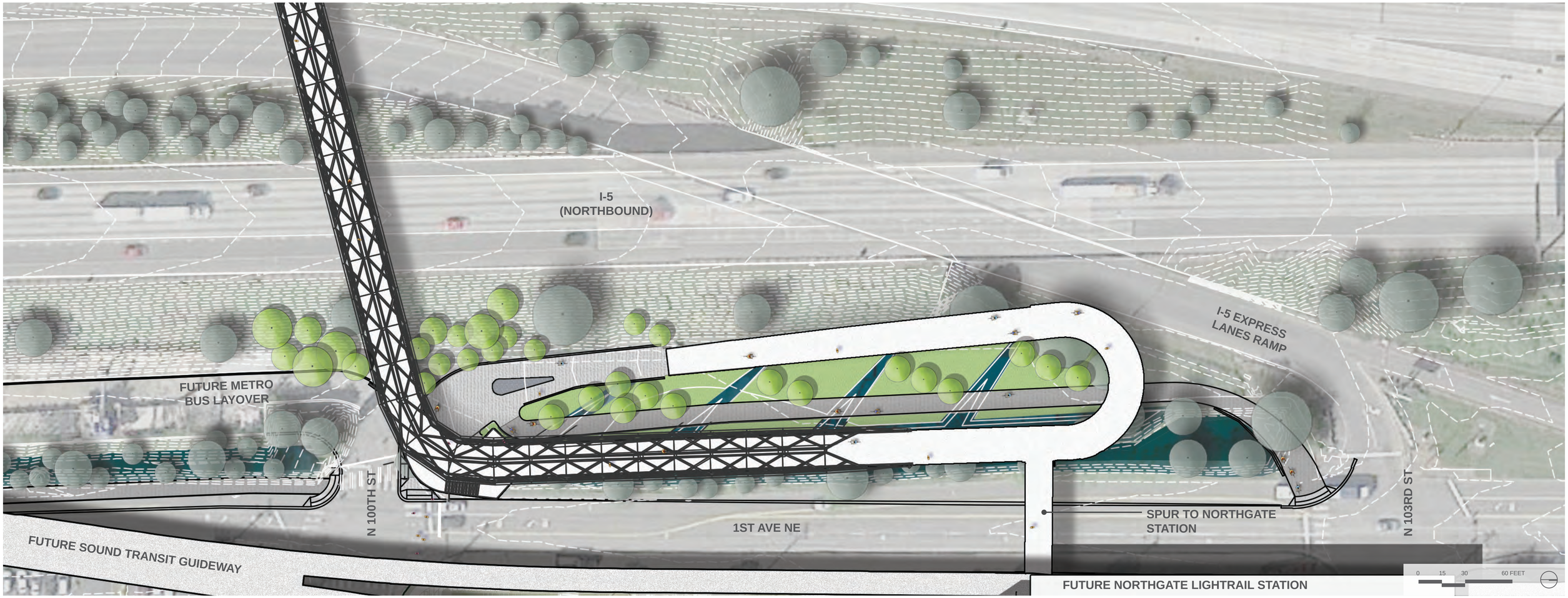
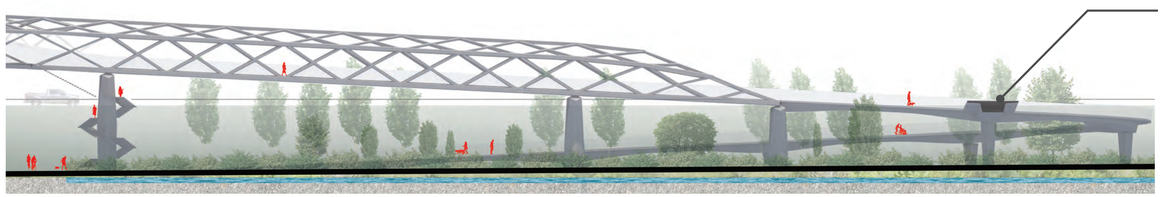
EAST APPROACH



Plan



Elevation

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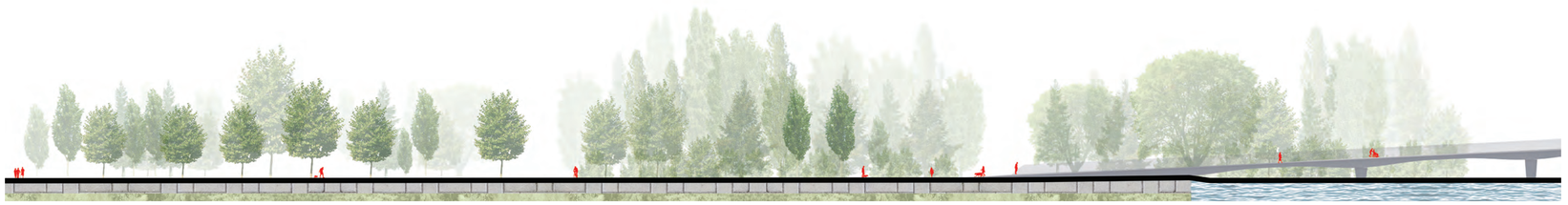
WEST APPROACH

Plan



Elevation

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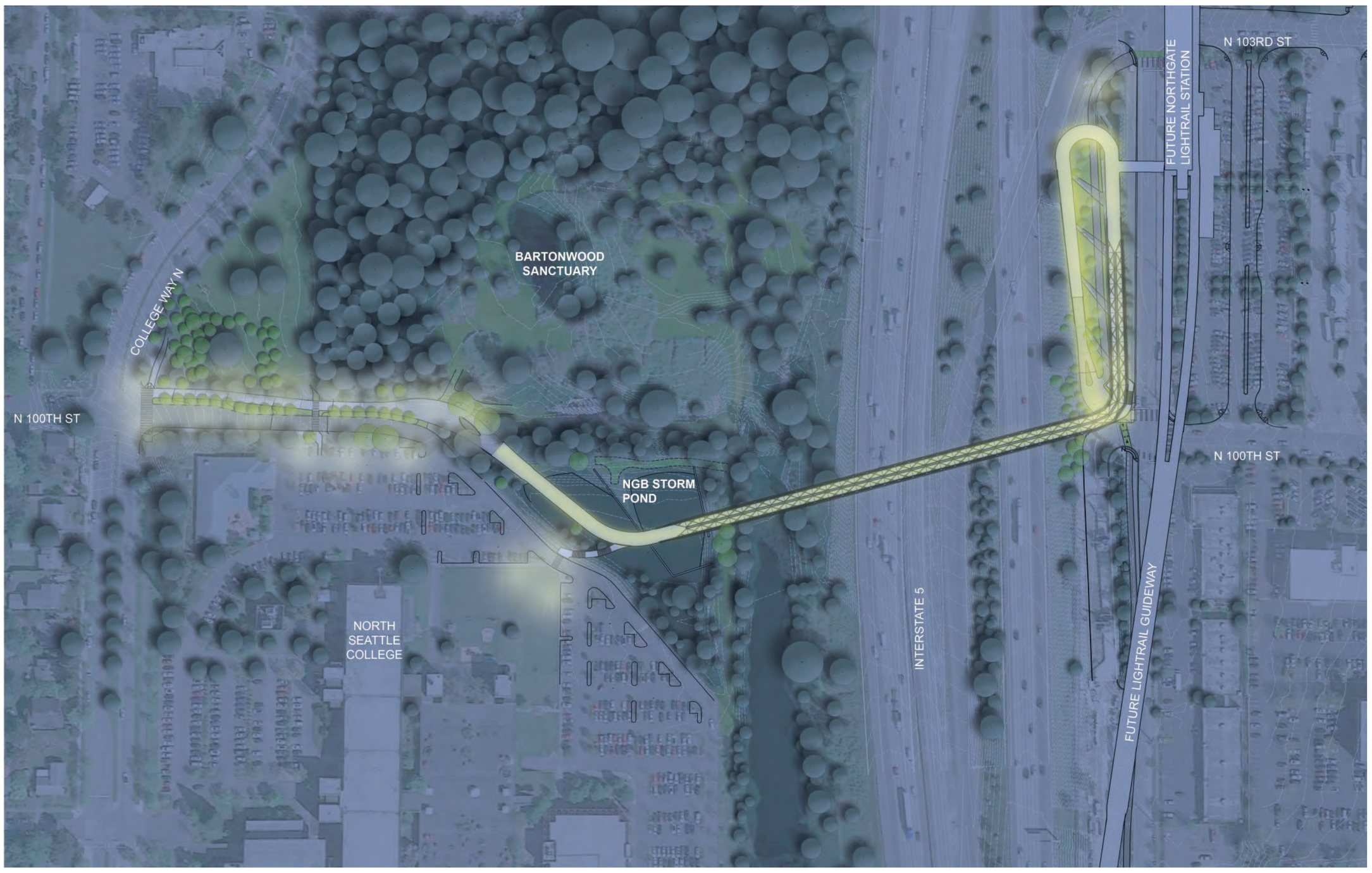
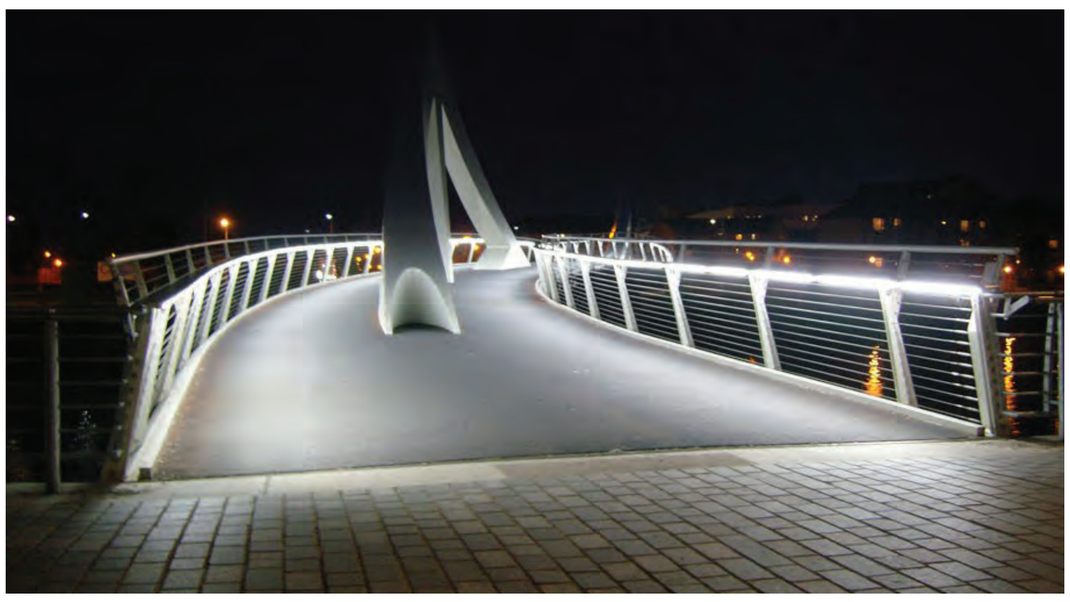
USER EXPERIENCE: LIGHTING

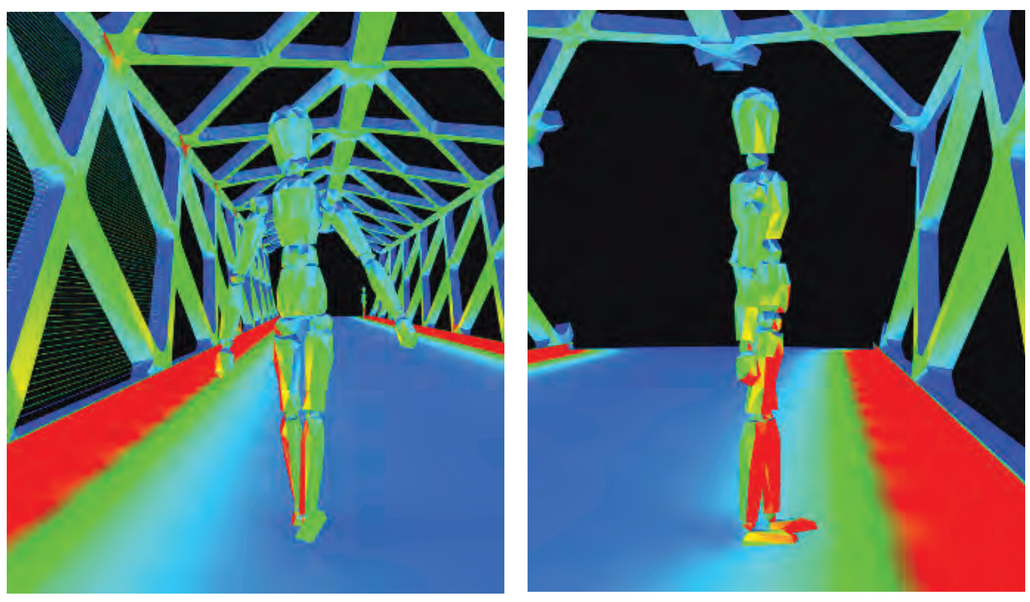


Overall lighting intent: provide a continuously lit pathway that allows facial recognition

Concept for bridge lighting: incorporated within the handrail and reflect up from the light colored deck



Example of lighting system



Lighting analysis

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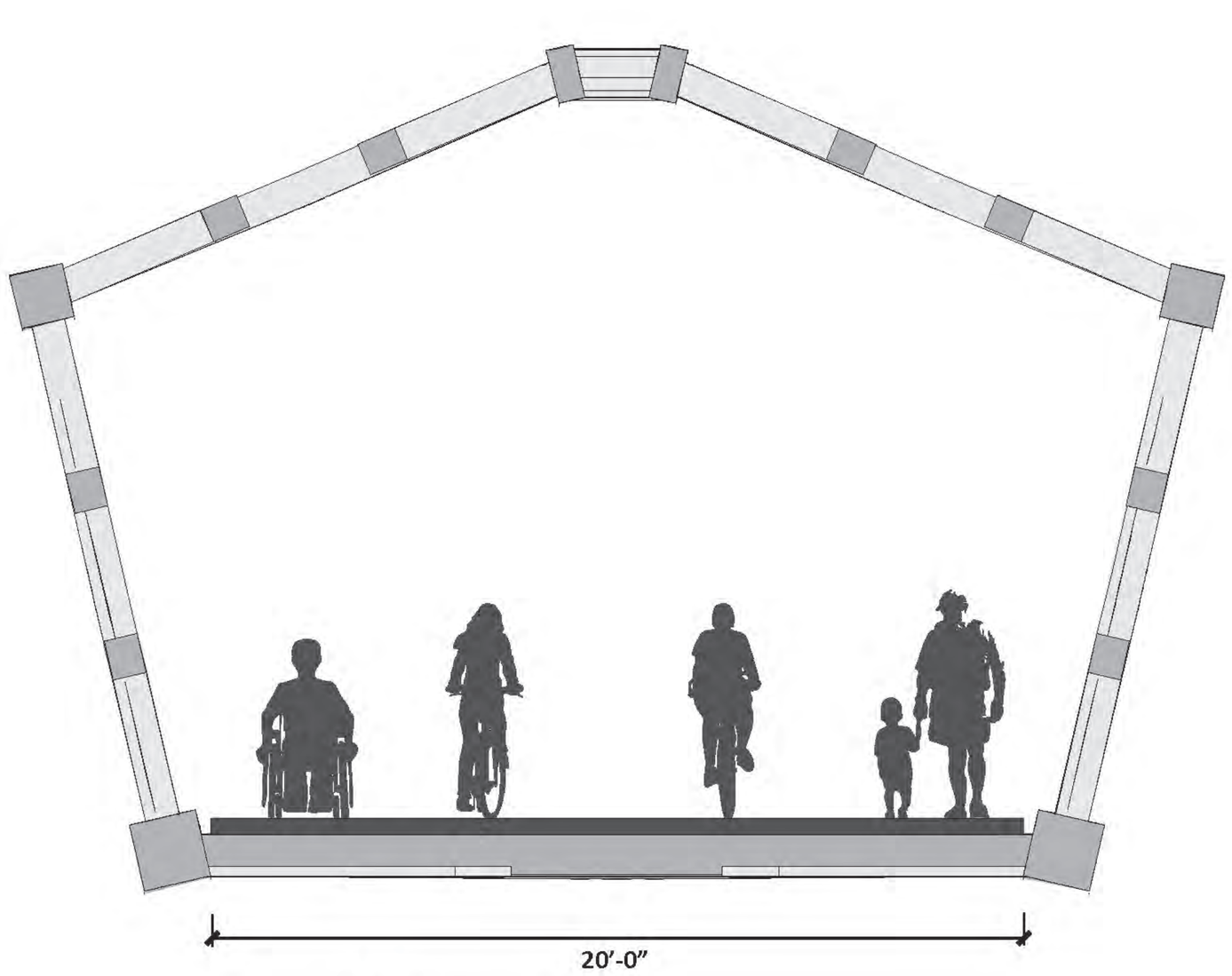
USER EXPERIENCE:
ALL USERS KEEP RIGHT



View looking west toward North Seattle College

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PROPOSED PEDESTRIAN AND BICYCLE IMPROVEMENTS

The Northgate Pedestrian and Bicycle Bridge is one of many pedestrian and bicycle improvements being proposed in the area. This map highlights proposed improvements.

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ENVIRONMENTAL REVIEW

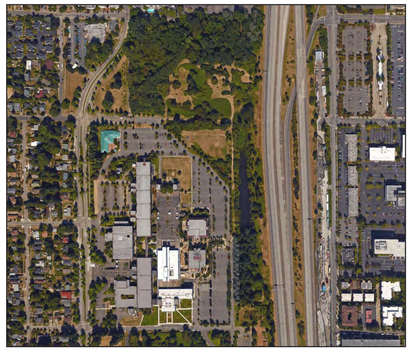
Overview

We are examining the environmental impacts of constructing and operating the Northgate Pedestrian and Bicycle Bridge Project. When the evaluation is complete (by the end of 2015) we will submit National Environmental Policy Act (NEPA) documents to the Washington State Department of Transportation and Federal Highway Administration for approval and issue a State Environmental Policy Act (SEPA) checklist. The checklist will be available at that time for public review and comment. Some preliminary results from our studies are described below.

Preliminary Results

Visual/Aesthetics

- Views from I-5, the North Seattle College campus and Bartonwood
- New lighting elements



Recreational Facilities

- Ballfield
- Bartonwood trails

Historical/Cultural

- Potential to find historic artifacts
- Potential to find/ disturb Native American artifacts

Transportation

- Bicycle/pedestrian connections
- Parking

Wetlands/Drainage

- Wetland/watercourse modifications
- Potential mitigation measures

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ENVIRONMENTAL PROCESS

Define Existing Conditions

- Collect current information to set an environmental baseline

Identify Environmental Impacts

- Review environmental studies completed for projects in the area
- Solicit concerns from the public
- Review early designs to minimize impacts

Document Findings

- Prepare technical reports for areas that will be impacted (e.g., wetlands, water quality, fish and wildlife, cultural resources, transportation, economic, and community)
- Develop documentation for SEPA and NEPA
- Submit completed NEPA documents to WSDOT and FHWA for approval
- Prepare SEPA checklist and solicit public comments

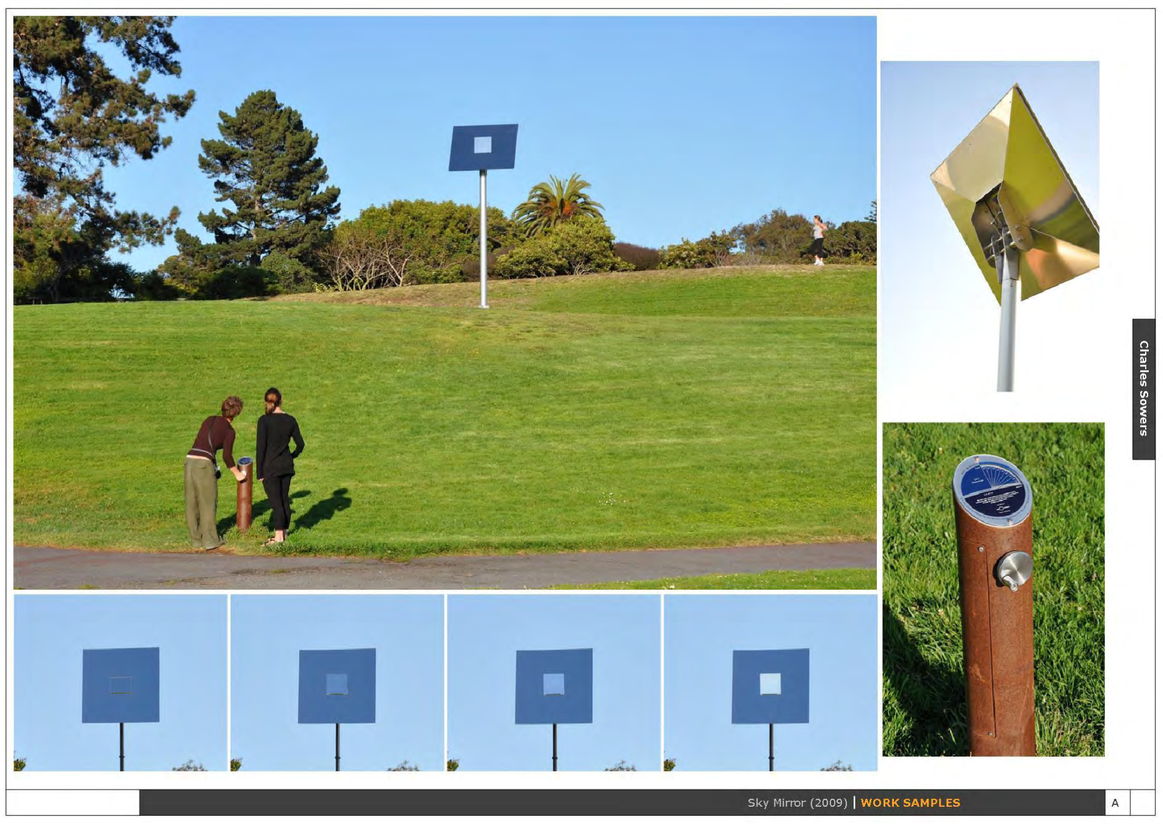
Obtain Permits and Approvals

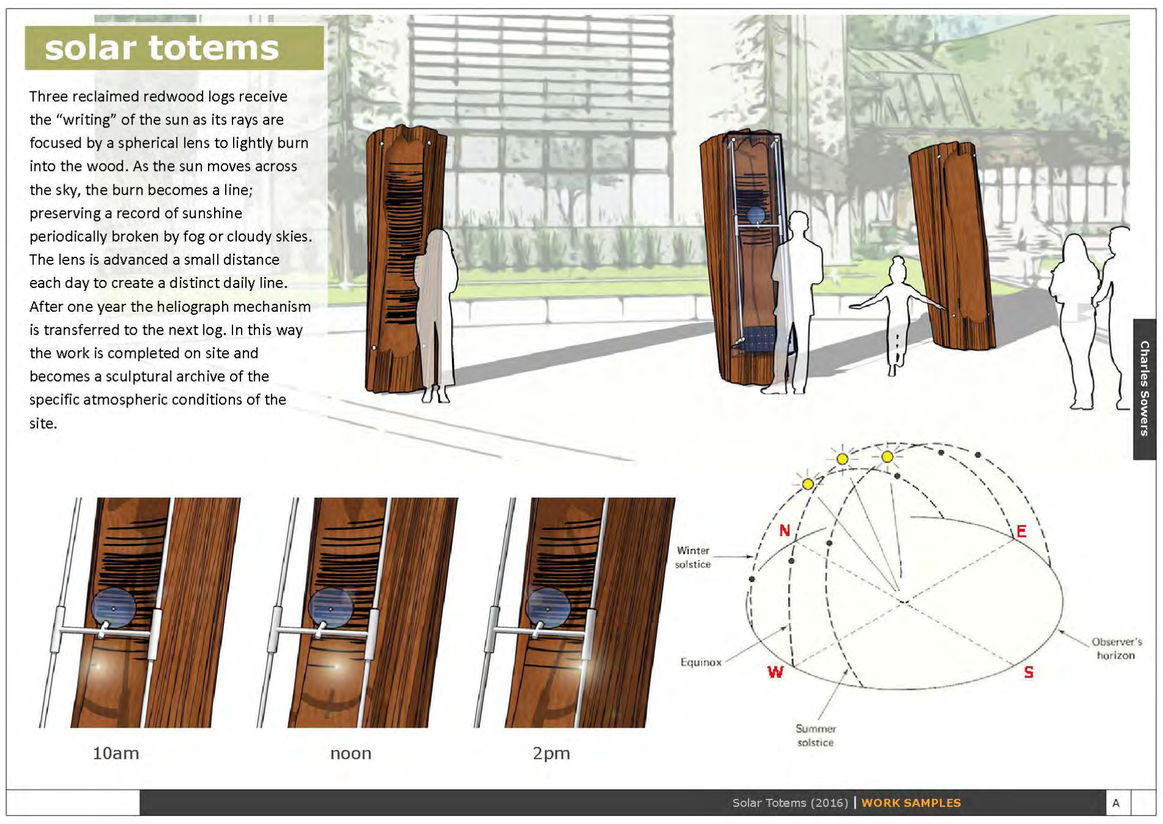
Permits and approvals that may be required:

- Section 404/401 Nationwide Permit
- Section 7 Endangered Species Act
- Section 106 National Historic Preservation Act
- Coastal Zone Management Consistency
- Construction Stormwater General Permit
- Hydraulic Project Approval
- Seattle Critical Areas Review
- Seattle Building Permits

PROJECT ARTIST:
CHARLES SOWERS

Previous Work





Biography

Charles Sowers is an artist whose practice links art, science, and physical phenomena. An exhibit developer at the Exploratorium in San Francisco since 1998, he has created numerous works that directly engage the viewer. This has led to the creation of a kind of aesthetic/scientific instrumentation that reacts to a site and allows us insight into normally invisible or unnoticed phenomena. Through such work he hopes to engage people in an unexpected dialoge with their locale and provoke a desire to take notice of the beauty and curiousness of the world around them.

This artwork project is commissioned with SDOT 1% for Art funds.

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