



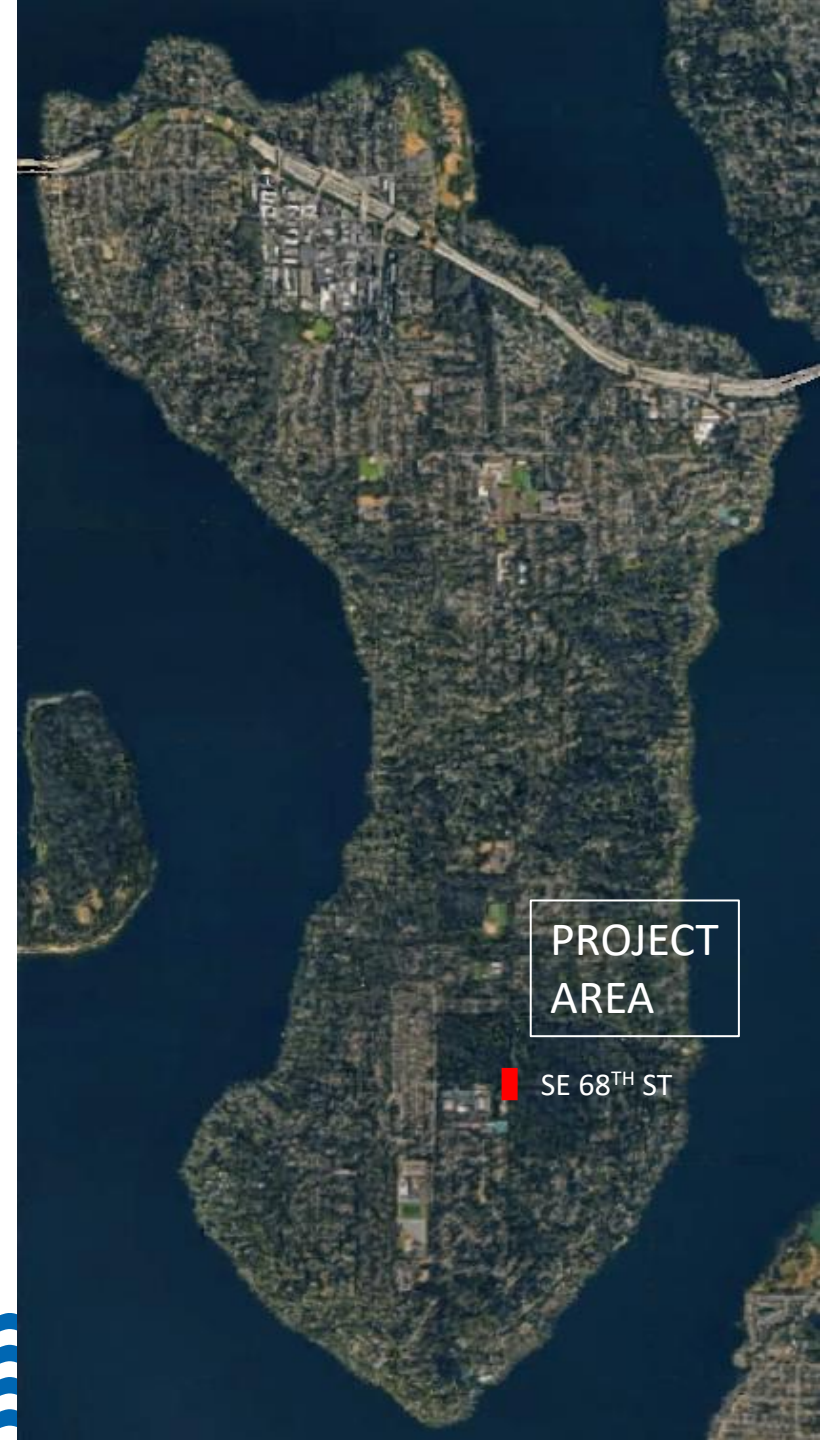
Island Crest Way & SE 68th Street Intersection Update

04/29/2025



Goals for tonight:

- Provide project background information
- Present proposed improvements
- Questions and discussion



Project Background

2021-2022: Island Crest Way Corridor safety study completed between SE 68th Street and 90th Avenue SE

2023-2024: Recommendations from the safety study turned into the following tasks:

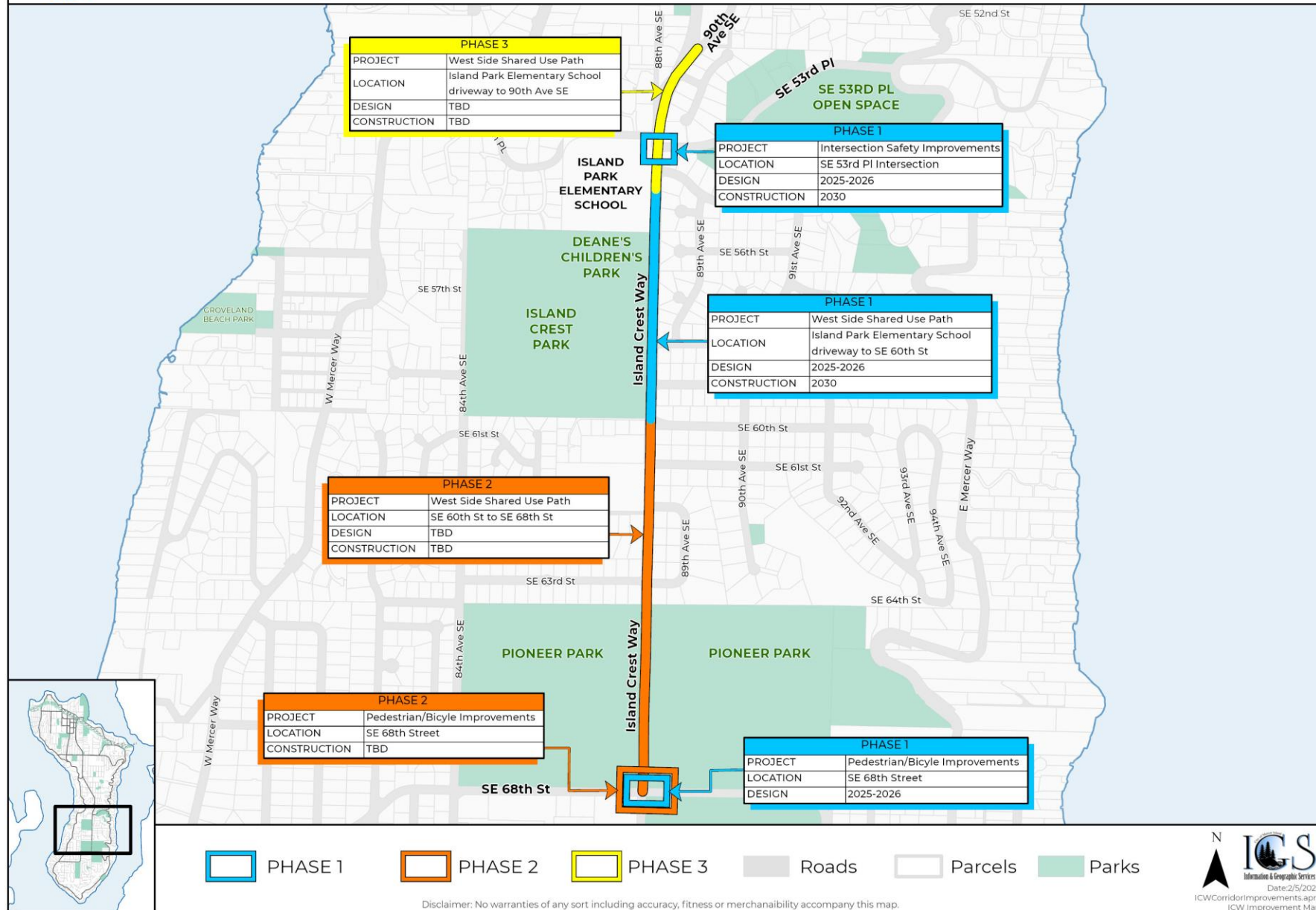
- Construct crosswalk improvements at SE 63rd Street, SE 62nd Street, and Island Park Elementary
- Corridor illumination study
- Corridor tree assessment along Island Crest Way
- Intersection feasibility studies at SE 53rd Place and SE 68th Street
- Shared Use Path Pre-Design Report





ISLAND CREST WAY CORRIDOR IMPROVEMENTS

STAFF RECOMMENDED PHASING



Project Background

2025-2026

- Design of Shared Use Path Phase 1 (construction in 2027)
- Design of SE 53rd Place Intersection Safety Improvements
- Design of SE 68th Street Intersection Safety Improvements

Tonight's
discussion

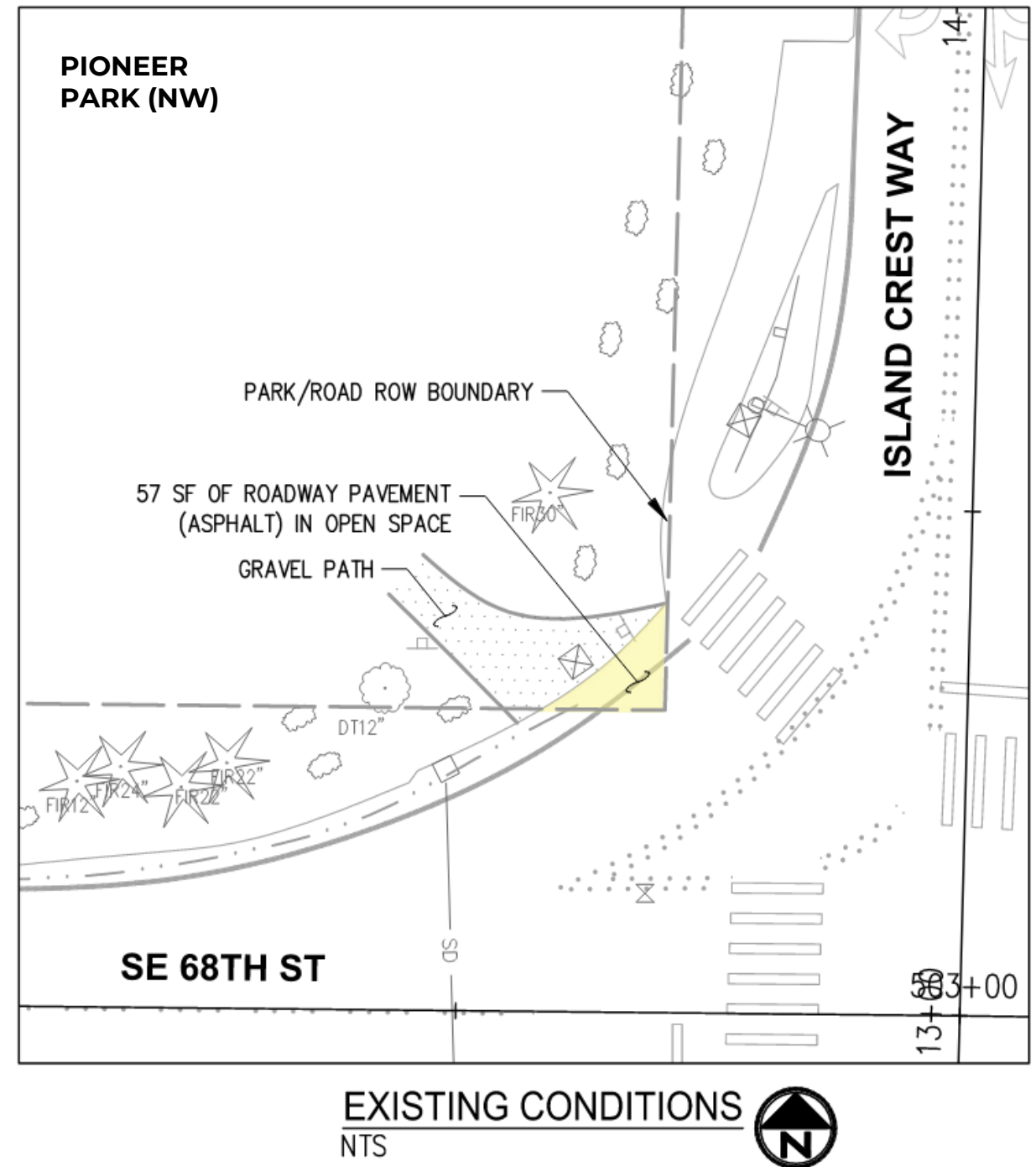


Existing Conditions



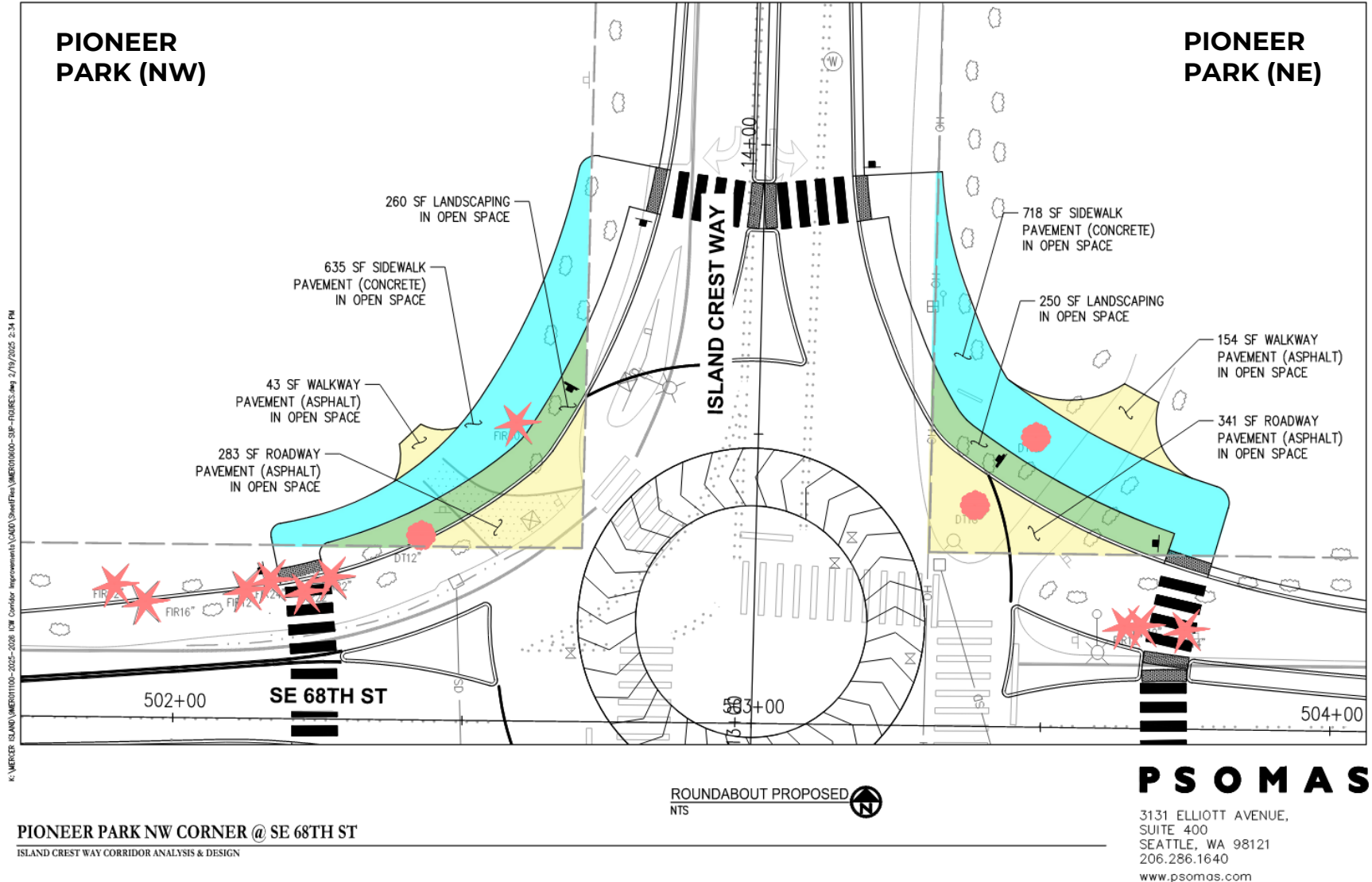
Existing Conditions

- Approximately 57 SF of roadway pavement within Open Space.
- Open Space Zone permitted uses include trails and passive recreation

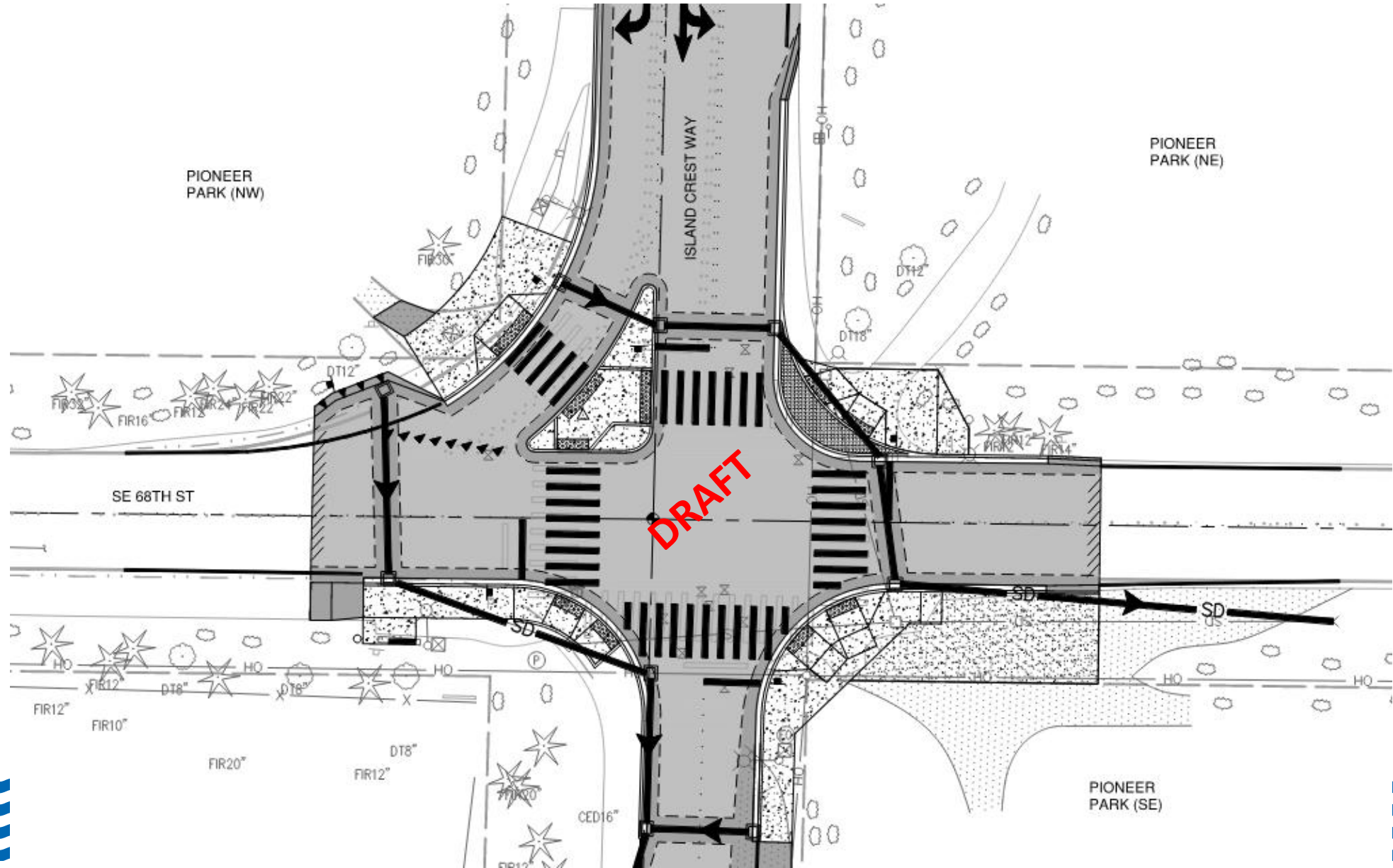


Proposed Improvements – Initial Concept

- Benefits include:
 - Reduction in conflict points/collisions
 - Improved traffic operations
- Other considerations include:
 - Roadway pavement in Open Space. *Not a permitted use.*
 - Tree removal
 - Right-of-way and easement encroachments
 - Cost

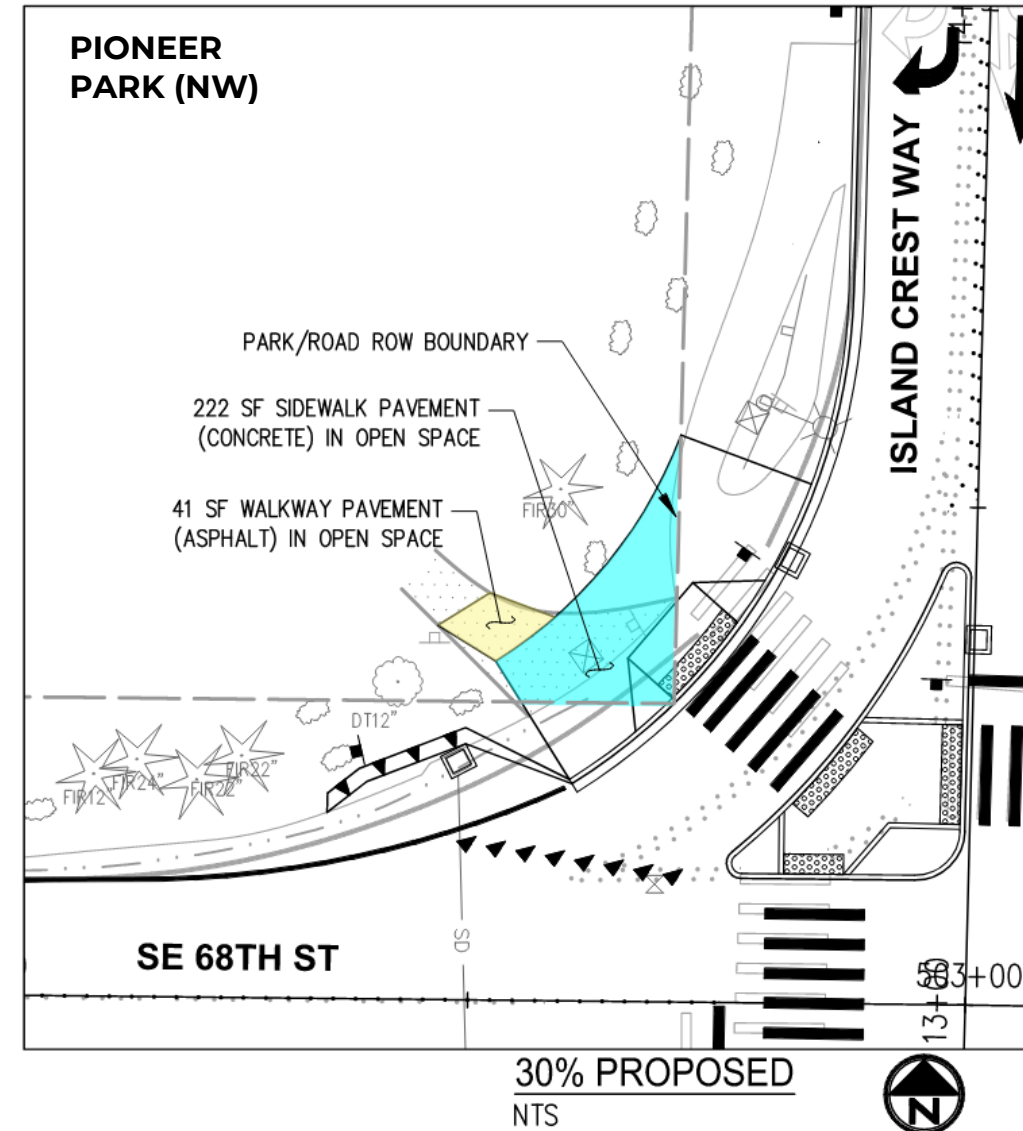


Proposed Improvements – Refined Concept



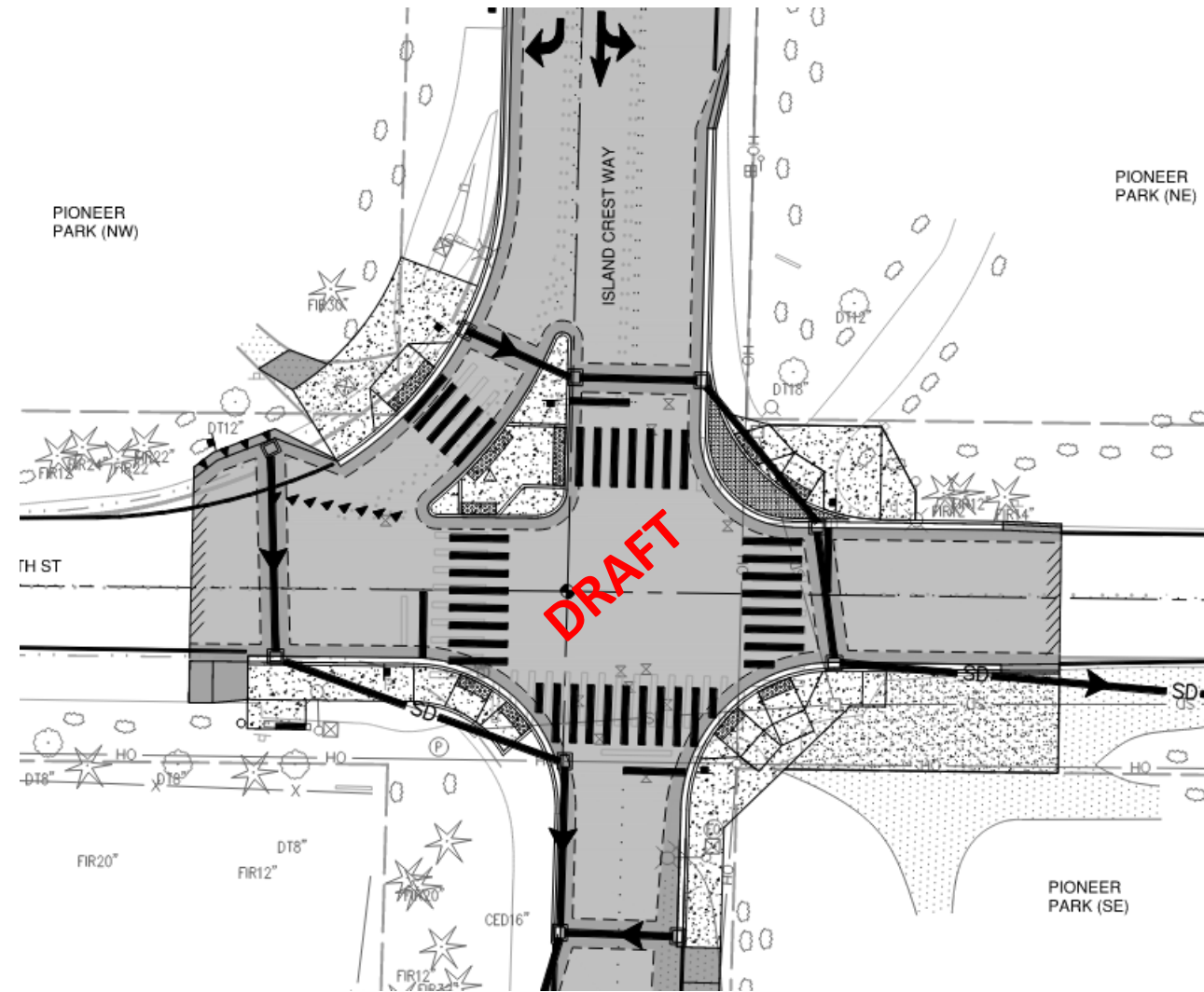
Proposed Improvements – Refined Concept

- Benefits include:
 - Shorter, safer pedestrian crossings
 - Curbs to separate pedestrians from vehicle traffic
 - ADA-compliant ramps and paved sidewalk to transition to Pioneer Park trails
- Other considerations include:
 - Sidewalk within Open Space.
Permitted use.
 - No tree removal
 - Recommended by 2024 Feasibility Study.

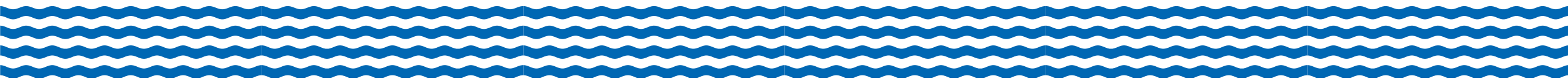


Next Steps

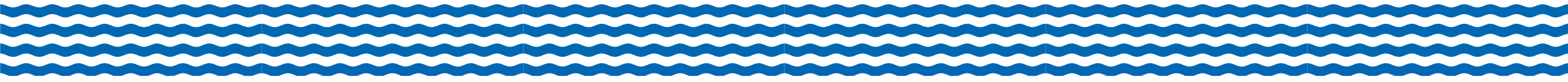
- Proceed with design of the refined concept
- Continue coordination with OSCT as design progresses
- Construction currently not funded and is not in 6-year transportation improvement program
- Apply for grant funding opportunities to proceed with construction in upcoming years.



Questions & Discussion



Additional Slides



Open Space Language

- Ordinance No. 24C-15 passed by the City Council at its November 4, 2024 meeting
- Permitted Uses:
 - Trails
 - Passive recreational uses

Section 2. New MICC 19.05.030 Open Space - OS Adopted. The City Council adopts, effective December 31, 2024, a new section MICC 19.05.030, Open Space Zone, to read as follows;

MICC 19.05.030 – Open Space Zone.

- A. *Purpose.* The purpose of the Open Space Zone is to preserve, protect, restore, and enhance Open Space Lands, which provide habitat for native plants and animals and ecological services including stormwater management and carbon sequestration. Open Space Lands provide access to nature for passive recreation and relaxation and educational and stewardship opportunities.
- B. *Open Space Zone Designation Requirements.* In addition to the requirements established in Section [19.15.240 MICC](#), Open Space Lands must be owned, leased, or managed by the City of Mercer Island and fulfill the purpose provided in subsection (A) above to qualify for classification as Open Space Zone.
- C. *Uses Permitted.* The following land uses are permitted in the Open Space Zone. A use not permitted by this section is prohibited.
1. Trails.
 2. Passive recreational uses.
 3. Passive recreational amenities.
 4. Habitat restoration and enhancement.
 5. Temporary uses compatible with the purpose of the Open Space Zone, as authorized by the City Manager or designee.
 6. Wireless communications facilities. (Only if otherwise permitted by [MICC 19.06.040](#) – Wireless communications and/or [MICC 19.06.070](#) – Small wireless facilities deployment and as subject to design and concealment standards as otherwise provided in the MICC).
 7. Utilities, only where necessary for public safety or protection of the natural environment and no reasonable alternative location exists. Utilities should be underground, if feasible.

Restoration Opportunities



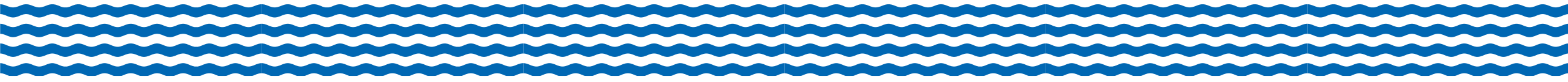
STUMP BENCH EXAMPLE



LANDSCAPE LOG EXAMPLE

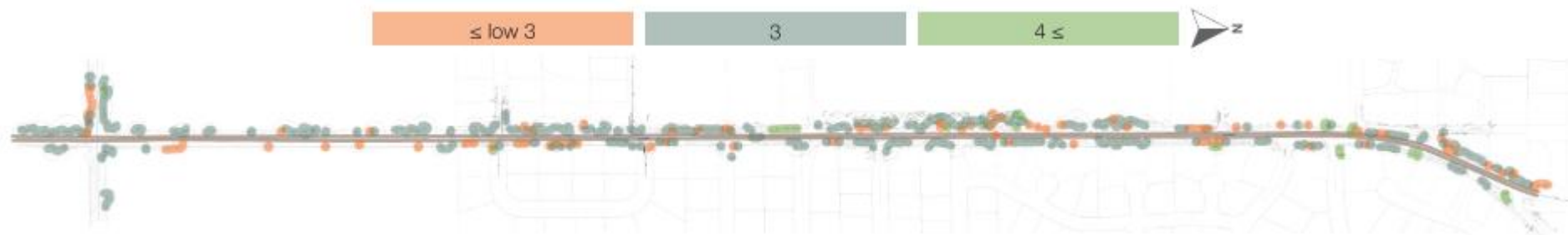
Opinion of Probable Project Cost

Intersection Treatment	Total Project Cost Range	Construction	Right-of-Way	Final Design	Construction Management
SE 53rd Place Right Turn Lane Improvements	\$600k-\$750k	\$400k	\$0	\$75k	\$75k
SE 68th Street Option 1: Single-Lane Roundabout	\$3M - \$4M	\$2.8M	\$250k	\$400k	\$450k
SE 68th Street Option 2: Pedestrian Improvements with All-Way Stop	\$900k-\$1.1M	\$750k	\$50k	\$140k	\$160k



Tree Assessment

- Tree health assessed on trees located along Island Crest Way between 90th Avenue SE and SE 68th Street
- Occurred between June 2023 through January 2024
- Included ~550 small, large, and exceptional trees
- Refer to Island Crest Way Corridor Improvements Let's Talk page:
<https://letstalk.mercergov.org/island-crest-way-corridor-improvements-analysis-and-design>



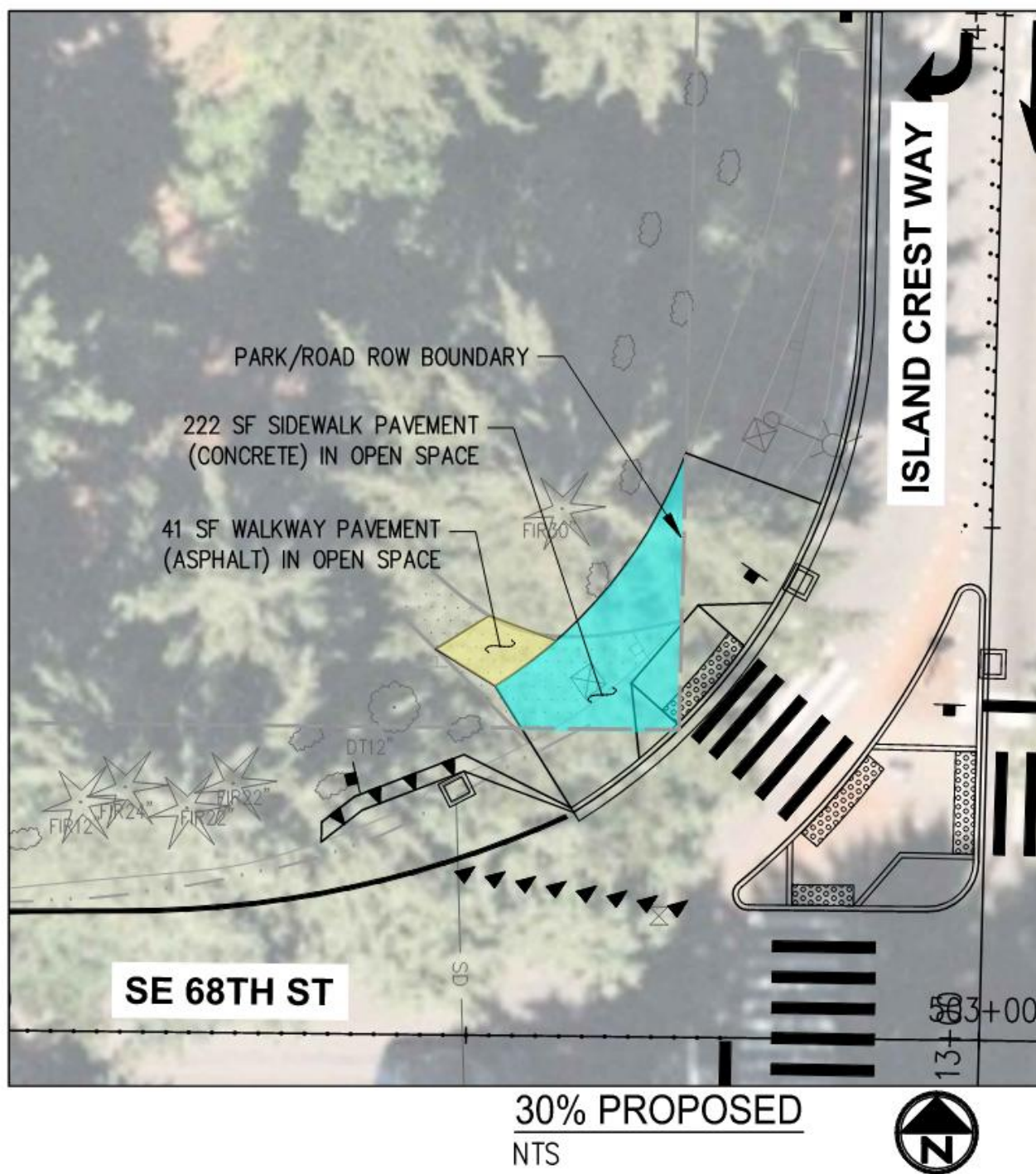






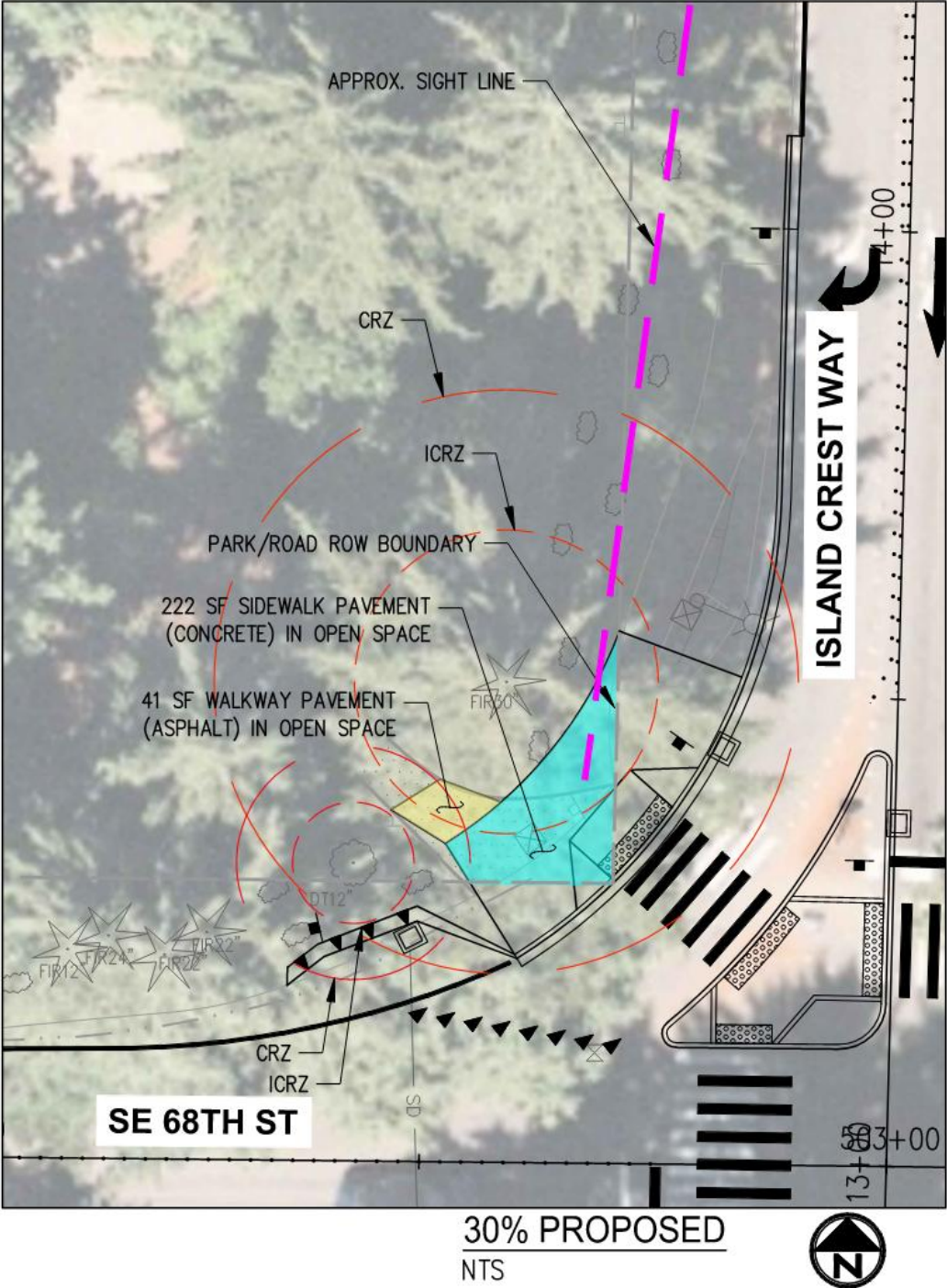
EXISTING CONDITIONS
NTS



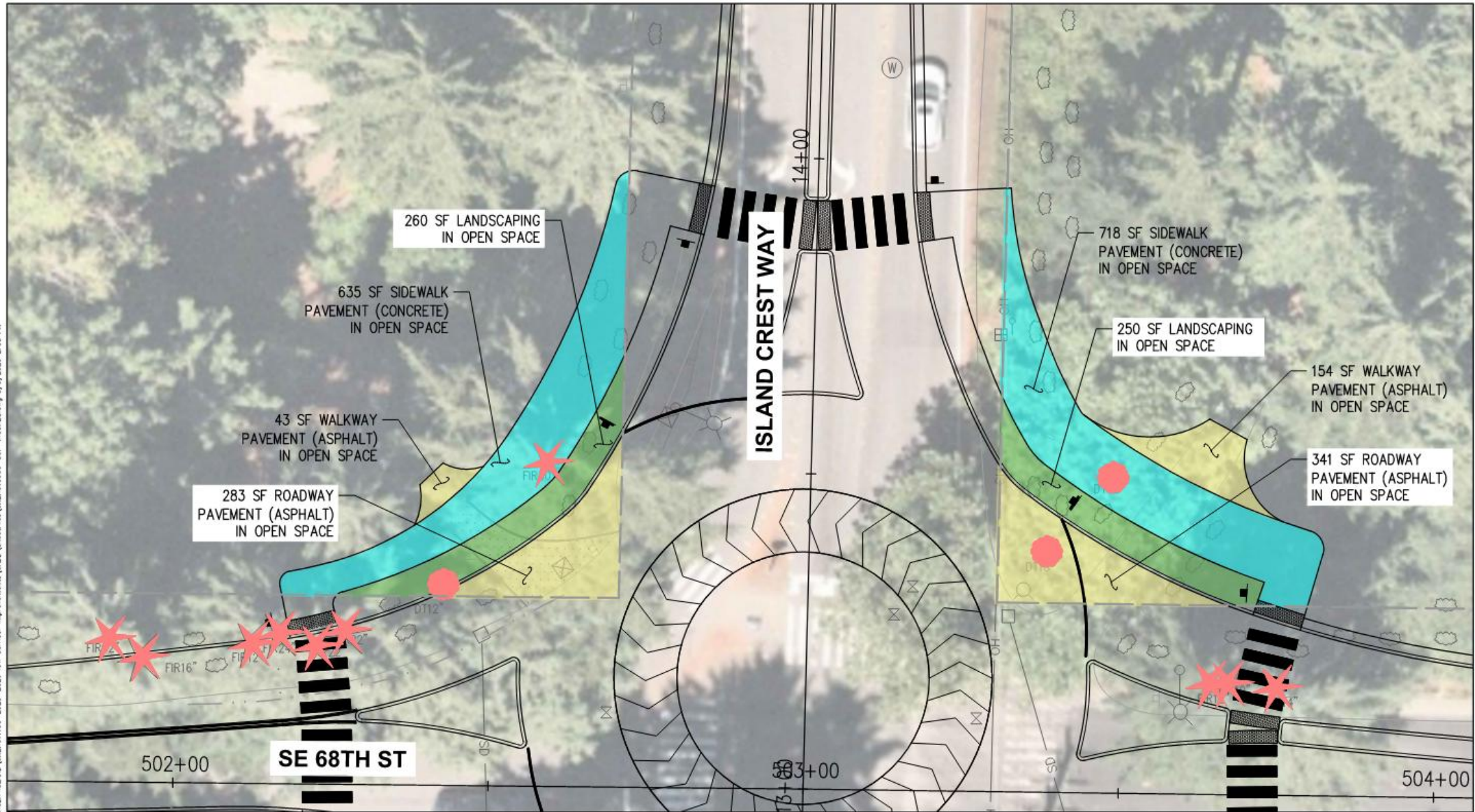


Critical Root Zone (CRZ): The International Society of Arboriculture (ISA) defines the critical root zone (CRZ) of a tree as a 1-foot radius from the base of the tree's trunk for each 1 inch of the tree's diameter at 4.5 feet above grade.

Inner Critical Root Zone: The inner critical root zone (ICRZ) is defined as an area that is half the radius of the CRZ. For each inch of tree trunk diameter, the ICRZ is a half-foot radius from the tree's center point. For example, a 24-inch DBH tree has a 12-foot radius inner critical root zone measured from the face of the trunk.



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ROUNDABOUT PROPOSED
NTS



PIONEER PARK NW CORNER @ SE 68TH ST

ISLAND CREST WAY CORRIDOR ANALYSIS & DESIGN

PSOMAS

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