



King County Alki Transformer Ordinance

Council Transportation & Seattle Public Utilities Committee

Presentation overview

- King County is seeking final approval for a transformer and retaining wall at 63rd Ave SW, intersecting with Beach Dr SW and SW Spokane St.
- The transformer is necessary to support the permanent back up generator at the Alki Wet Weather Treatment Station Facility and 63rd Ave Pump Station.
- SDOT recommends approval.



Significant Structures- Seattle Municipal Code 15.65

Definition:

- The structure will be in the right-of-way for a long duration;
- It impedes the City's or public's flexibility in using the right-of-way;
or
- Is necessary for the functioning of the business.

Term permit process - new permits

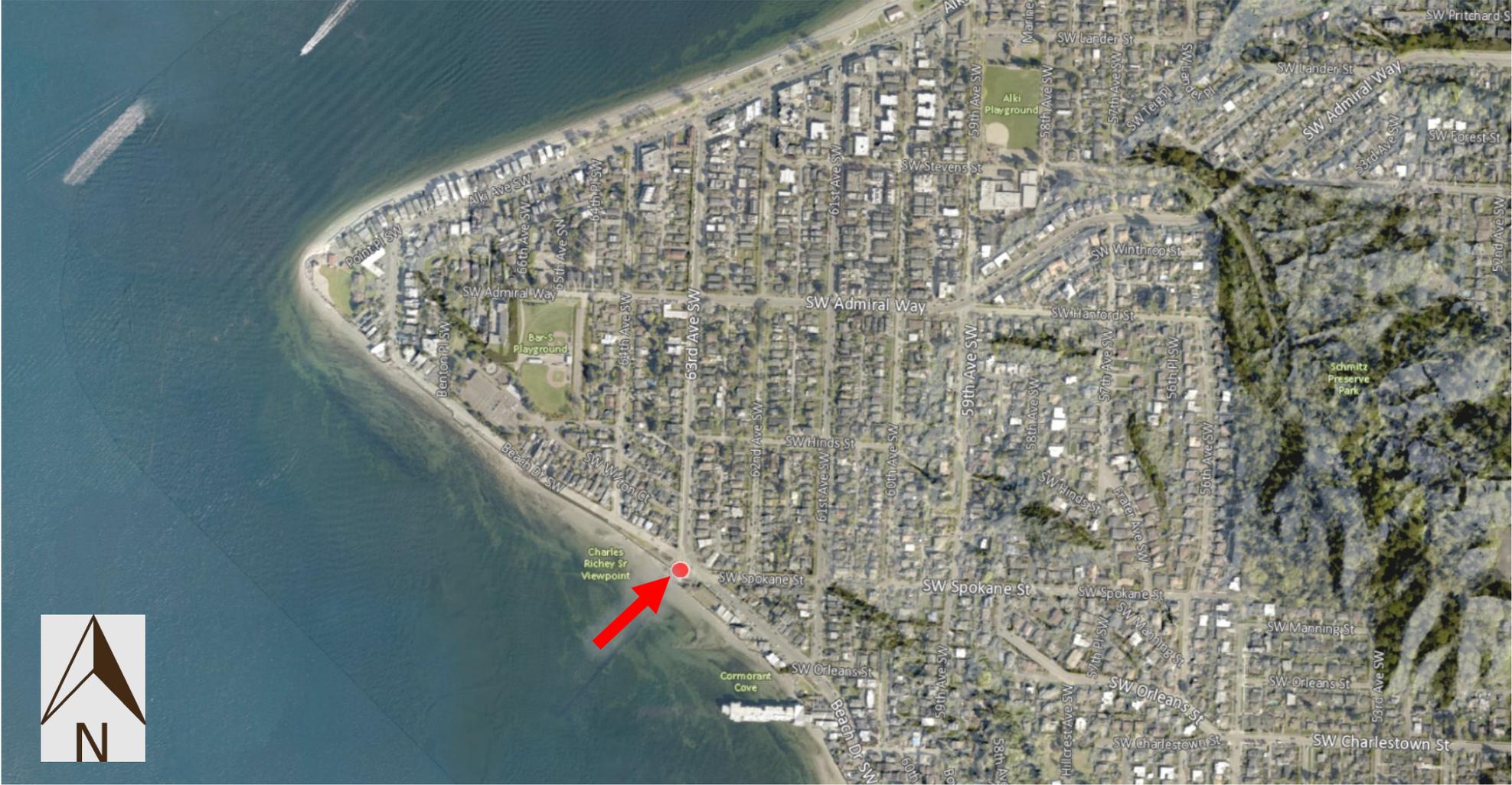
Two Step Process:

- 1) Council adopted Resolution 32079 on February 14, 2023, providing conceptual approval for the private use in the right-of-way, subject to the terms and conditions to be established in the term permit ordinance.
- 2) Passage of the ordinance details the obligations of the permit, including annual fee, maintenance obligations, indemnification, insurance, and bond requirements.

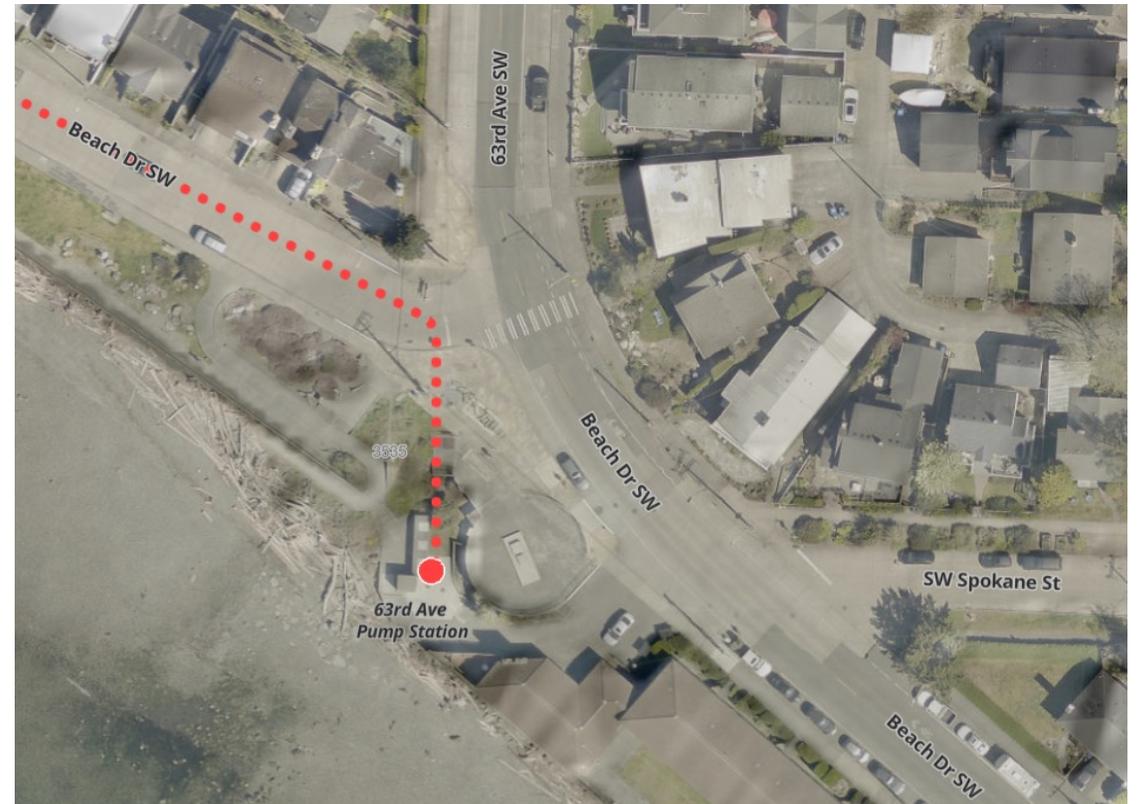
Proposal

- King County is proposing to construct and operate a transformer and retaining wall at 63rd Ave SW, intersecting with Beach Dr SW and SW Spokane St.
- King County is installing a high-capacity standby generator for both the Alki Wet Weather Treatment Station Facility and the 63rd Avenue Pump Station.
- The project involves placing the electrical lines below-grade and requires the installation of two transformers to regulate the voltage between the two facilities and the new subterranean duct bank.
 - One transformer will be located on King County's property; the other will be located in the ROW adjacent at the Pump Station.
 - Transformer adjacent to the 63rd Ave Pump Station will be approximately 6 feet high and 9 feet wide.
- The transformer will occupy approximately 300 square feet in the right-of-way and King County seeks a term permit for this encroachment.
- The term of the permit is unlimited, provided that King County continues to operate the facilities
- SDOT is coordinating with King County to minimize disruptions to the neighbors with this project and Healthy Streets improvements to Beach Dr SW

Project neighborhood - West Seattle



Proposed location



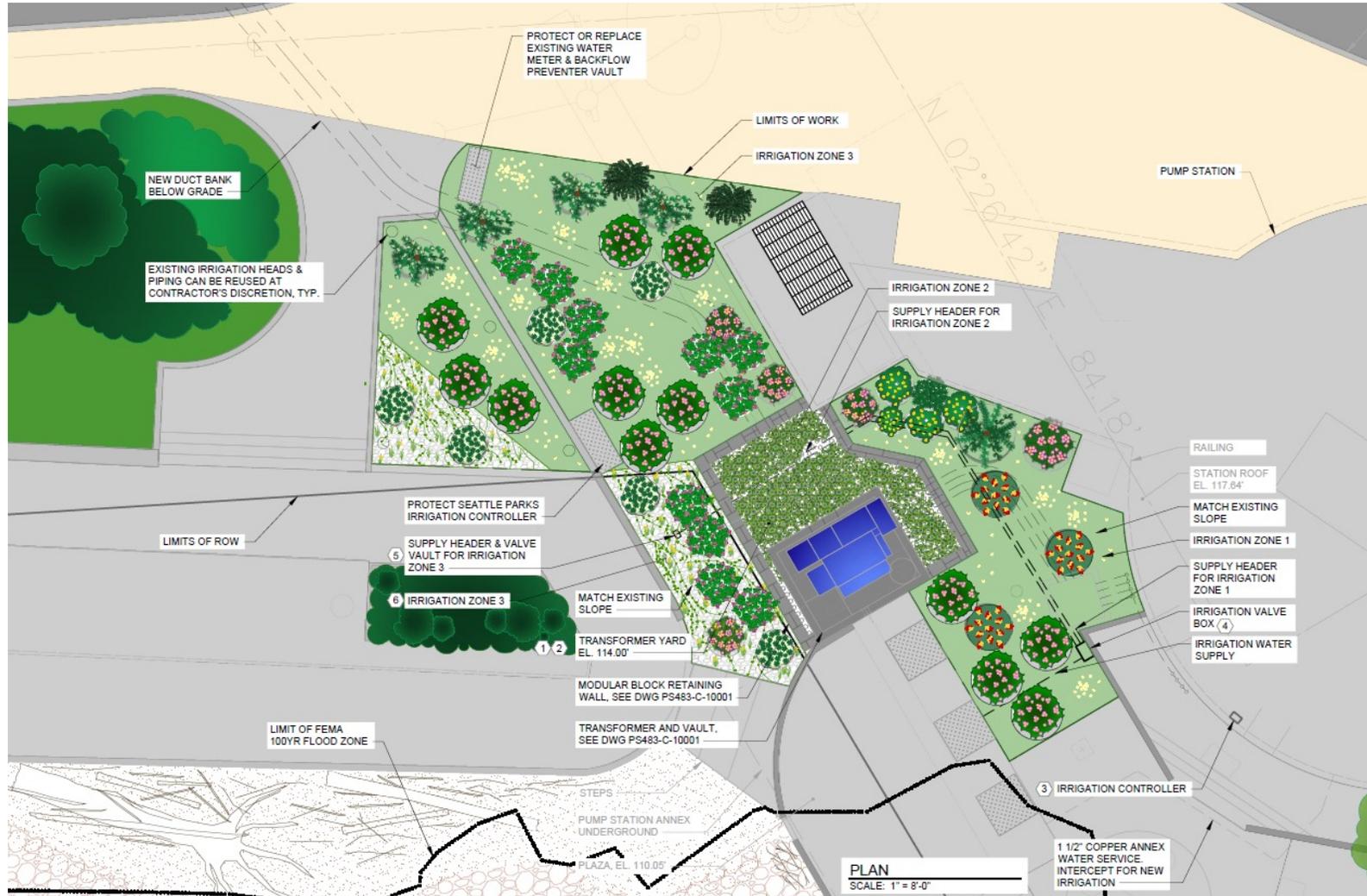
Existing site



Proposal Images



Proposed landscaping plans

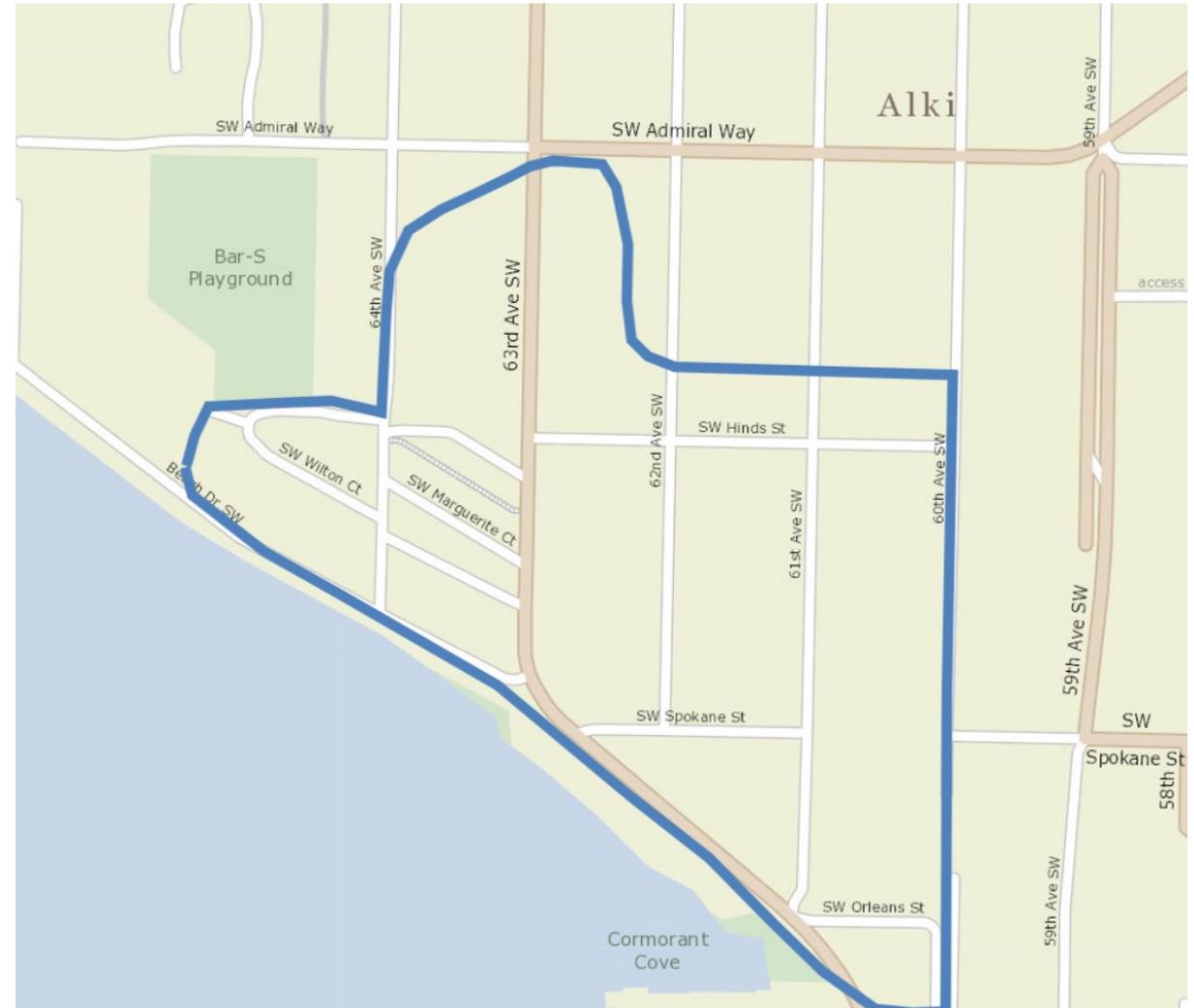


SHRUB / GROUNDCOVER LEGEND:

-  MAHONIA AQUIFOLIUM / OREGON GRAPE, QTY. 4
-  ROSA NUTKANA / NOOTKA ROSE, QTY. 11
-  RIBES SANGUINEUM / RED FLOWERING CURRANT, QTY. 10
-  ARBUTUS UNEDO P 'COMACTA' / DWARF STRAWBERRY TREE, QTY. 3
-  PINUS CONTORTA / SHORE PINE, QTY. 1
-  PINUS MUGO / DWARF MUGO PINE, TRANSPLANT QTY. 4
-  LONICERA PILEATA / BOXLEAF HONEYSUCKLE, TRANSPLANT QTY. 2
-  MYRICA CALIFORNICA / PACIFIC WAX MYRTLE, QTY. 8
-  EXISTING ROSA RUGOSA / RUGOSA ROSE
-  EXISTING MYRICA CALIFORNICA / PACIFIC WAX MYRTLE
-  CISTUS SALVIFOLIUS 'PROSTRATUS' / WHITE SAGE LEAF ROCKROSE @ 48" OC ~1170 SF
-  50/50 MIX SISYRINCHIUM CALIFORNICUM / YELLOW EYED GRASS & SEDUM SPATHULIFOLIUM / BROADLEAF STONECROP, ~260SF
-  GRASS PAVERS PER NOTES 1 & 2 BELOW ~140SF

Public outreach

- May 2019, Posting in the West Seattle Blog: [Early Heads Up: Beach Drive CSO plant project planning](#)
- March 2022, flyers sent door to door within a specified distance from the Alki Treatment Plant and the 63rd Ave Pump Station describing the overall project
- September 2022, follow up flyers sent in September 2022 specifically calling out the transformer adjacent to the 63rd Ave Pump Station



Requested action

- King County is seeking Council passage of this Council Bill for final approval of the transformer.
- If the ordinance is approved, the permit will be in place for as long as King County operates the Alki Wet Weather Treatment Station Facility and 63rd Ave Pump Station.

Questions?

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