



King County Alki Transformer Resolution

Council Transportation & Seattle Public Utilities Committee

Presentation overview

King County is seeking conceptual 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 conceptual 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.
- Is necessary for the functioning of the business.

Term permit process - new permits

Two Step Process:

Step 1 – Adoption of the resolution provides 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.

Step 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

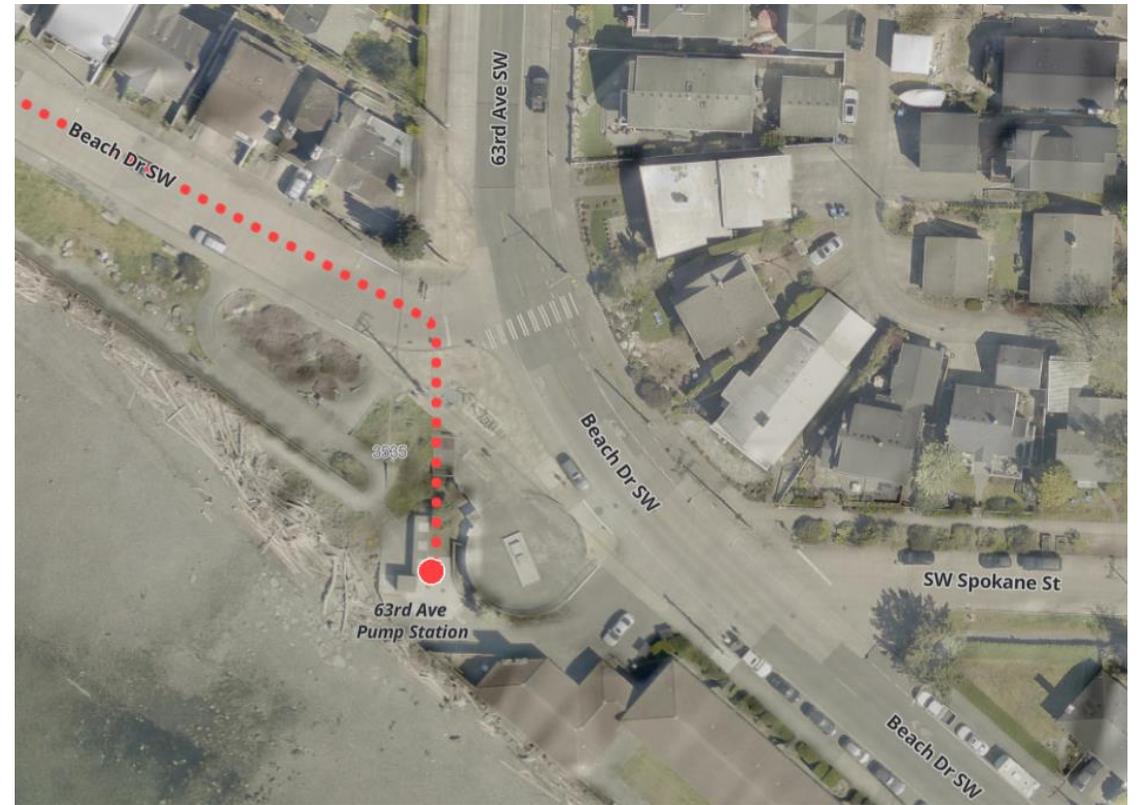
King County is installing a high-capacity standby generator for both the Alki Wet Weather Treatment Station Facility and the 63rd Avenue Pump Station.

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 to 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.

Proposed location



Existing site



Proposal Images



Proposed landscaping plans

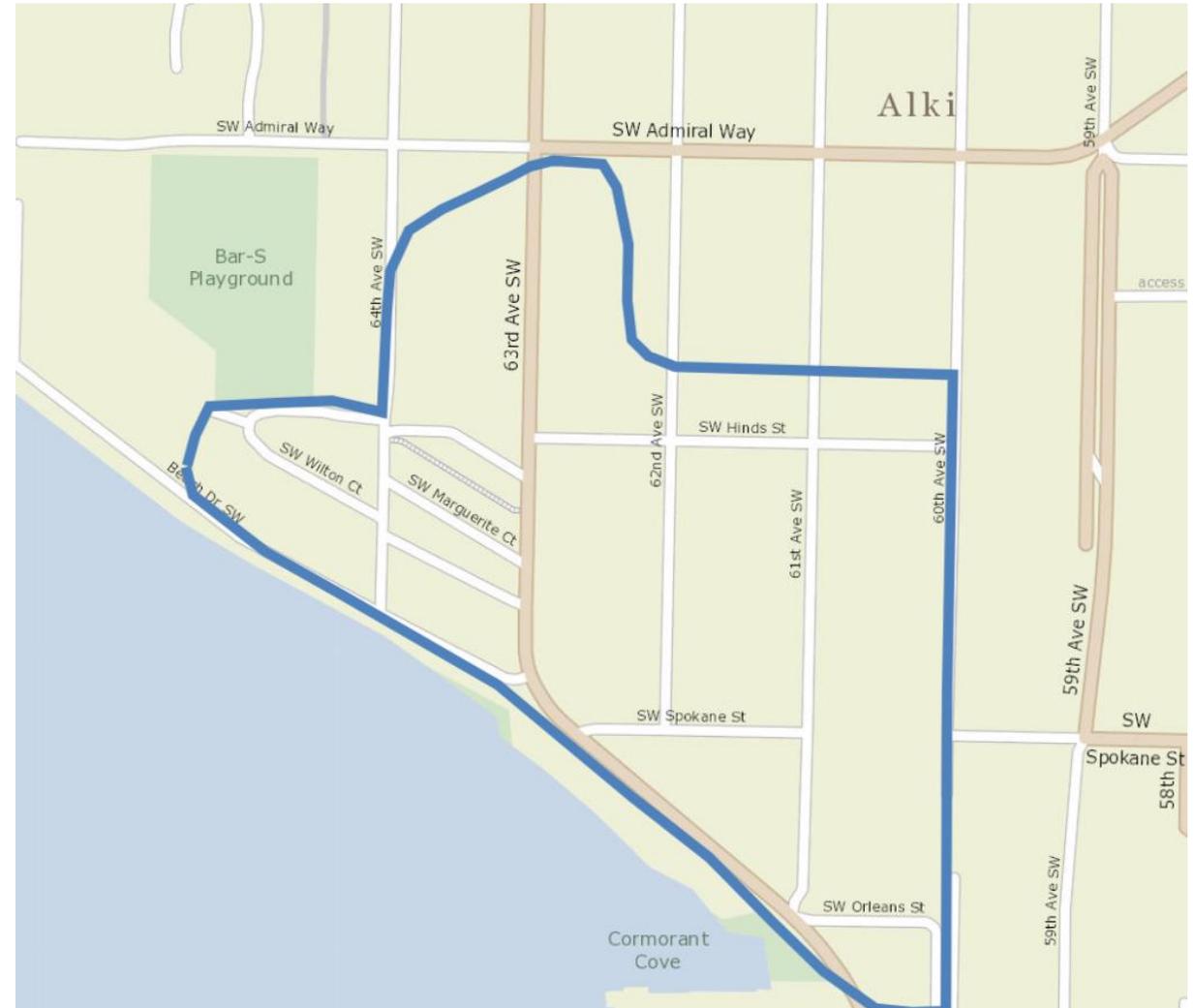


SHRUB / GROUNDCOVER LEGEND:

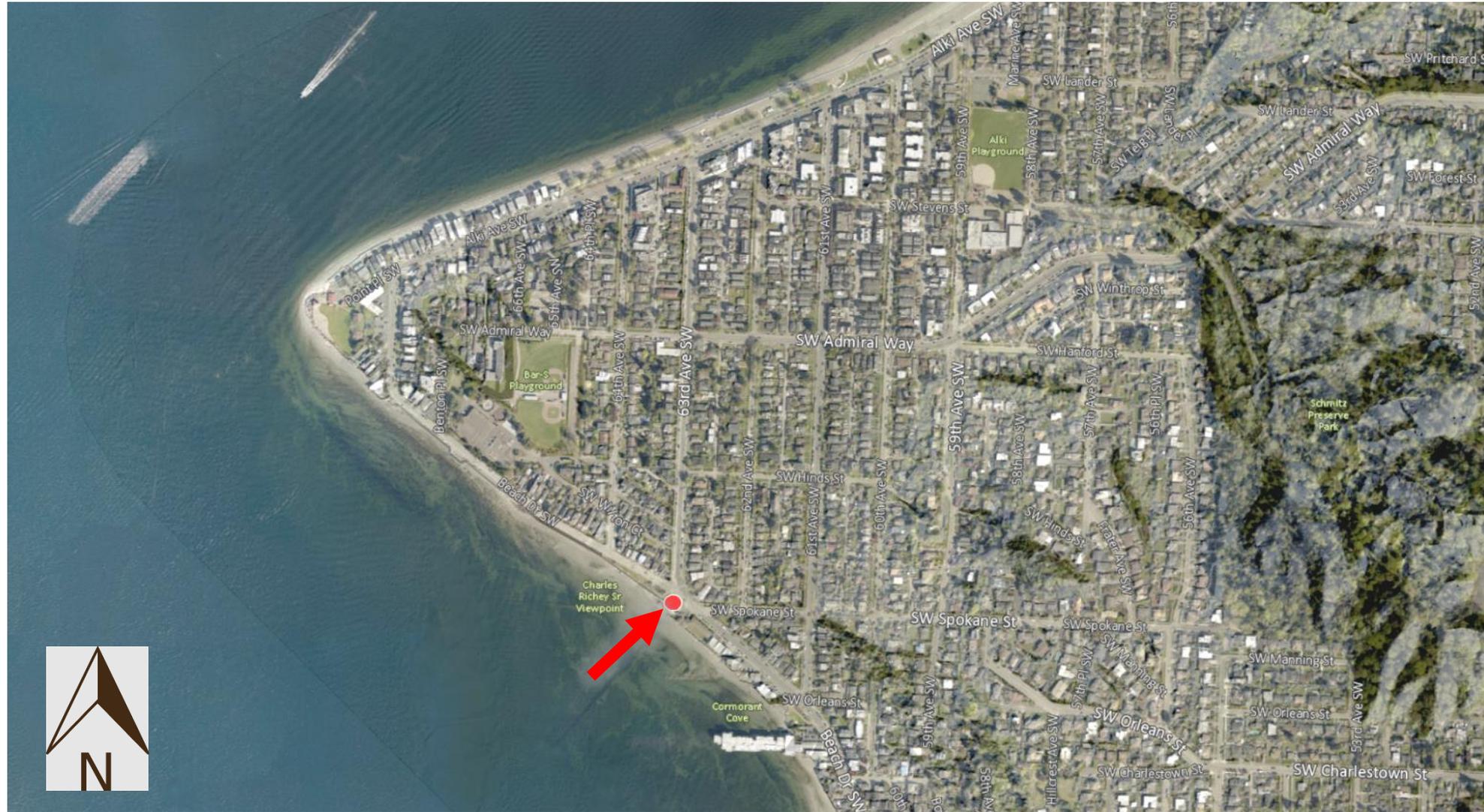
-  MAHONIA AQUIFOLIUM / OREGON GRAPE, QTY. 4
-  ROSA NUTKANA / NOOTKA ROSE, QTY. 11
-  RIBES SANGUINEUM / RED FLOWERING CURRANT, QTY. 10
-  ARBUTUS UNEDO P 'COMACTA' / DWARF STRAWBERRY TREE, QTY. 3
-  PINUS CONTORTA / SHORE PINE, QTY. 1
-  PINUS MUGO / DWARF MUGO PINE, TRANSPLANT QTY. 4
-  LONICERA PILEATA / 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



Project neighborhood - West Seattle



Requested action

- We seek Council adoption of this resolution for conceptual approval of the transformer.
- If the resolution is adopted, we will prepare the term permit ordinance.
- 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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