NEWCASTLE SEGMENT

No Options

Part of PSE's Preferred Alignment

DESCRIPTION

Start: Bellevue-Newcastle Boundary
End: Newcastle-Renton Boundary

PROPOSED POLES & LOCATION

- Approximately 26 wooden H-frames (52 poles) replaced with approximately 26 pairs of single-circuit, 230 kV/115 kV steel monopoles that are located near the outer edges of the right-of-way.
- The circuit on one monopole energized at 230 kV, the other energized at 115 kV.
- Height:
  - 100' (typical)
  - 100' (maximum)
- Clearing for vegetation over 15' in height = 16' from outside transmission wires.

QUICK FACTS

Jurisdiction: Newcastle

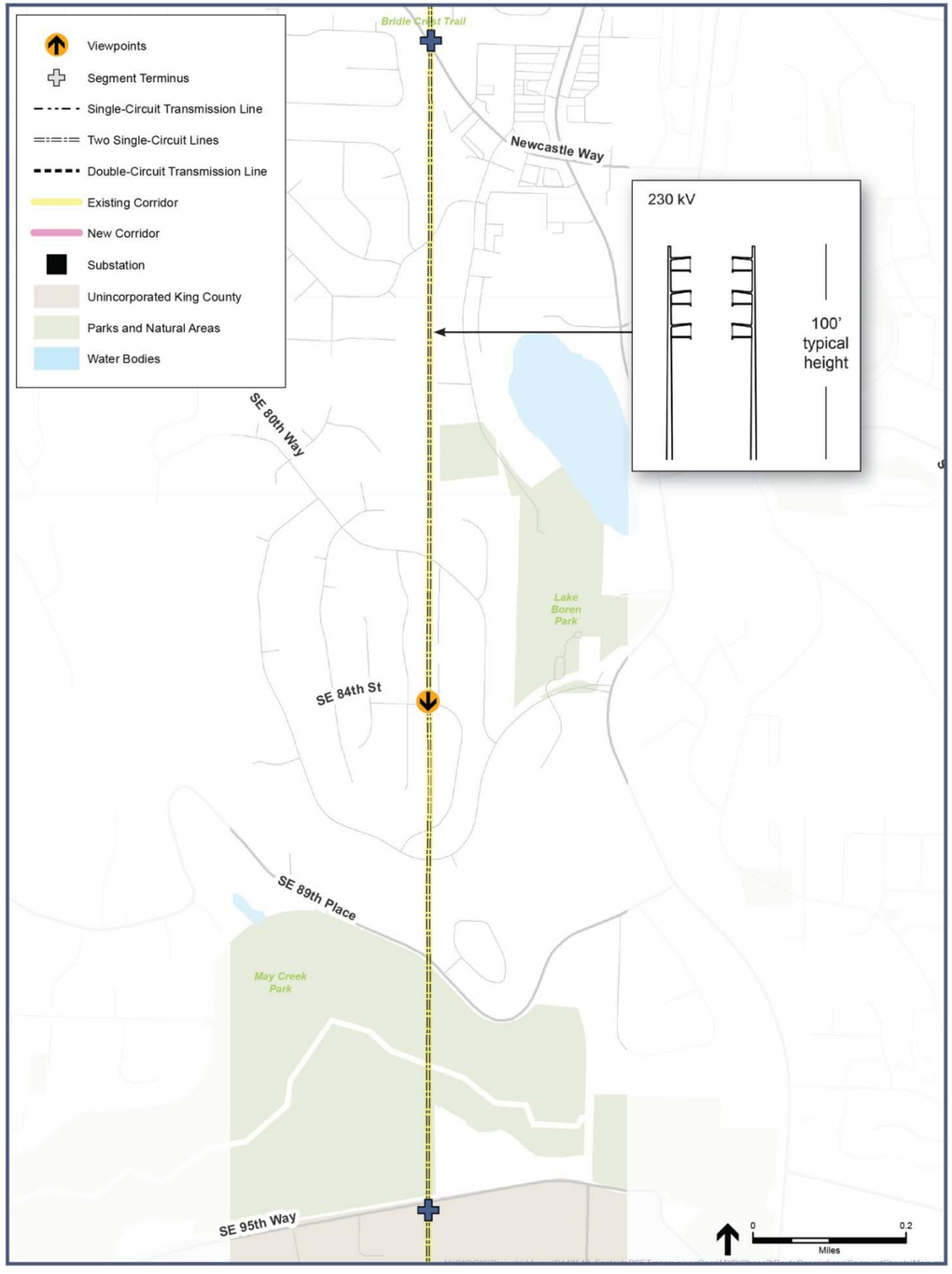
Segment Length: 1.5 miles

Easement / Property Acquisition

- Entirely in PSE's existing 100-foot, 115 kV corridor; no new easements or property acquisition needed.

Olympic Pipeline Info

- Co-located in existing corridor; pipeline buried in the center of corridor.
- Poles would be placed with one on either side of the pipeline.

From SE 84th St looking south (existing conditions)

Simulation of proposed project (Power Engineers, 2016)