



Sammamish-Juanita 115 kV Project

Advisory Group Meeting #6



May 16, 2012

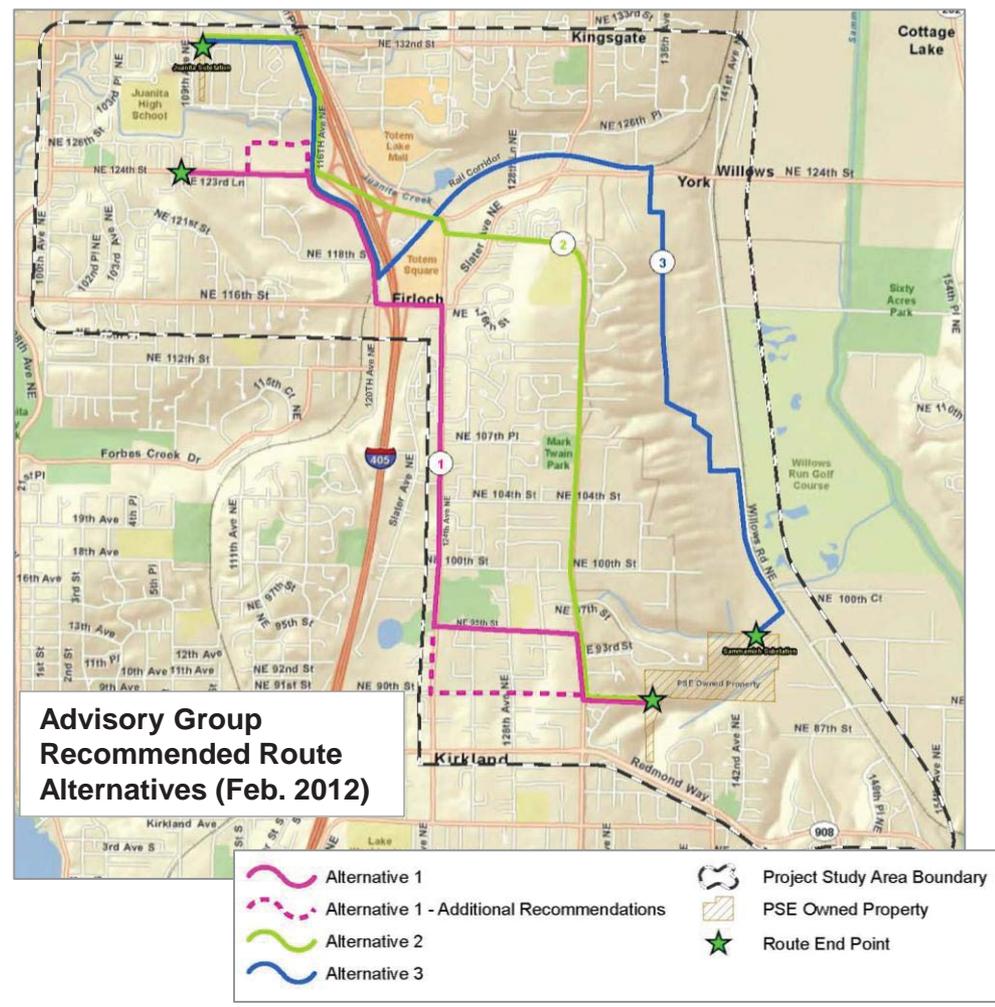


Chapter 1: Review results of alternatives feasibility study

Chapter 2: Next steps

Background

- How we got here
- Where we left things in February
- What we've been hearing





Route Feasibility Study

- List of considerations looked at:
 - Seattle City Light (SCL) lines
 - Wetlands and other protected areas
 - Constructability
 - Easements and access
 - Unanticipated factors
 - Property restrictions



Route Feasibility Study

- What has PSE done
 - Team field trips
 - Code research
 - Engineering investigations
 - Records research
 - Initial survey work
 - Environmental research
 - Meetings or communication with:
 - SCL
 - Aerojet
 - WSDOT
 - Metro
 - City of Redmond
 - City of Kirkland
 - Neighborhood meetings
 - Other property owners



General Results

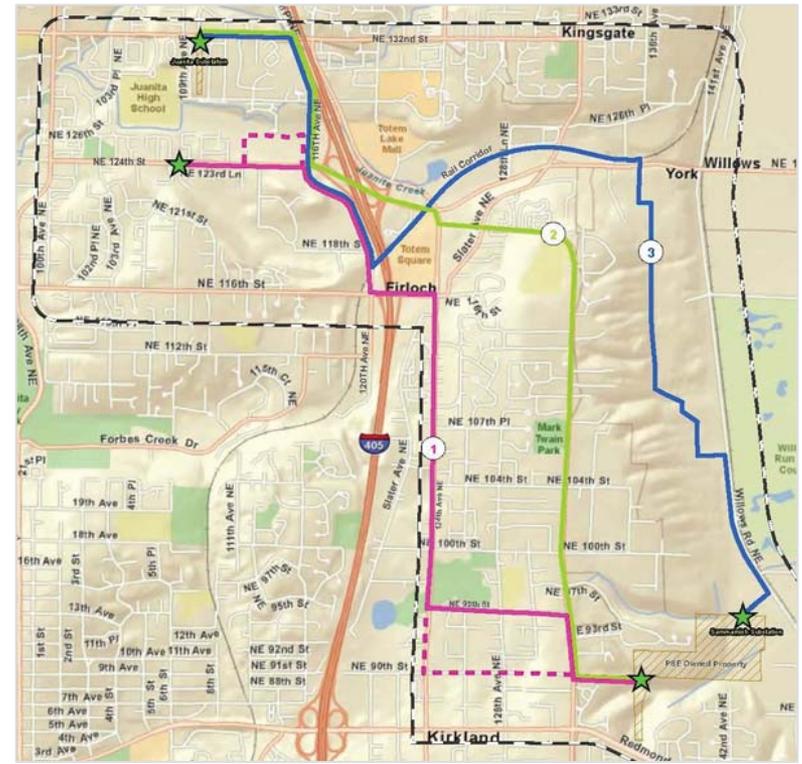
- Siting a new transmission line in a urban area is challenging

Challenges include:

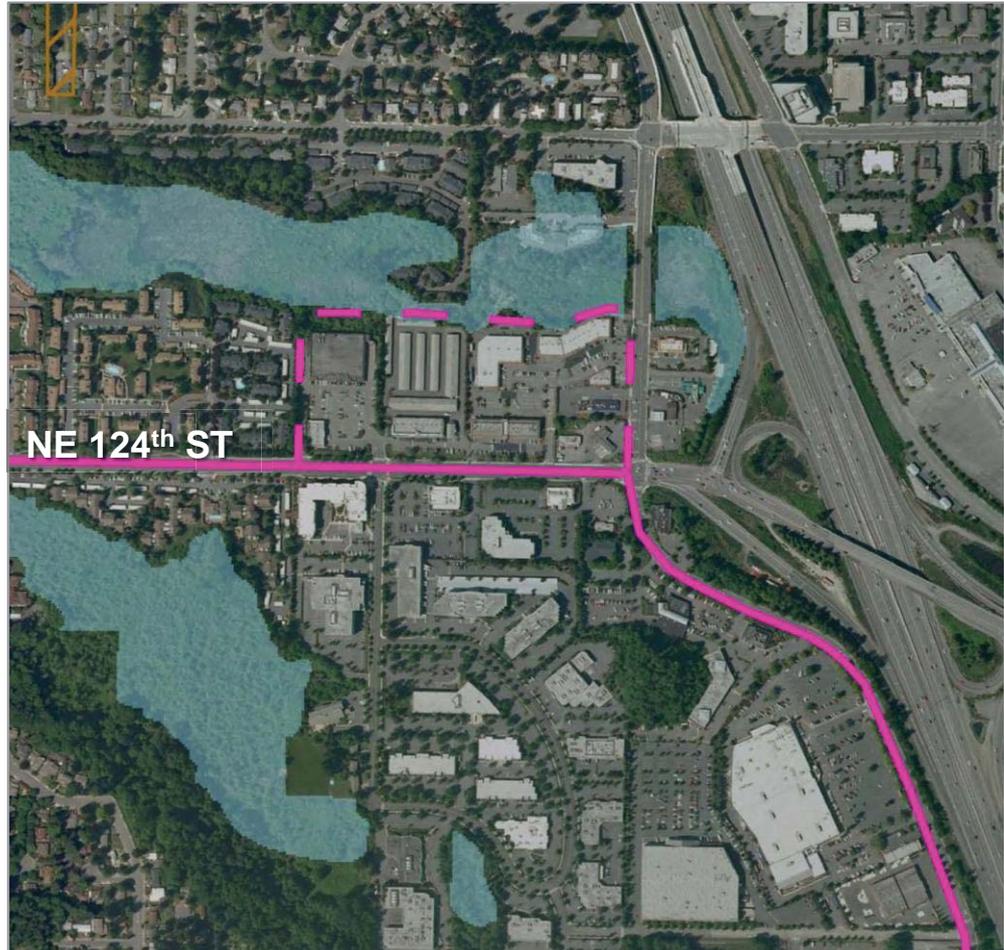
- SCL crossing
- Interstate 405 (I-405) crossing
- Environmental impacts
- Property restrictions

Results – Alternative 1

- NE 124th Street
- NE 90th Street vs NE 95th Street



Alternative 1: NE 124th Street



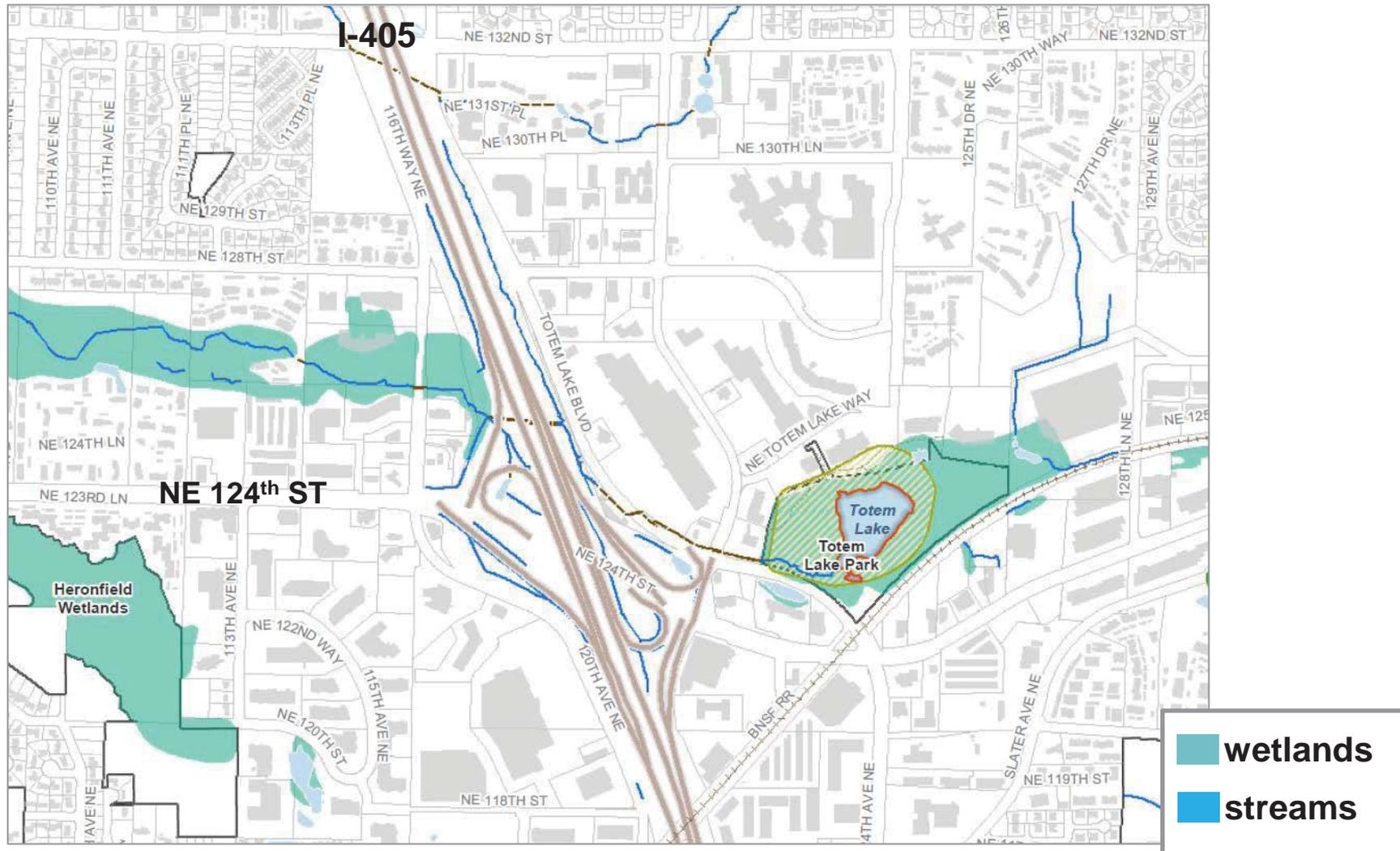
Challenges

- Impacts to wetlands
- Access

	Alternative 1		Wetlands
	Alternative 1 Modifications Evaluated		PSE Owned Property



Alternative 1: NE 124th Street



Alternative 1: NE 90th Street vs NE 95th Street

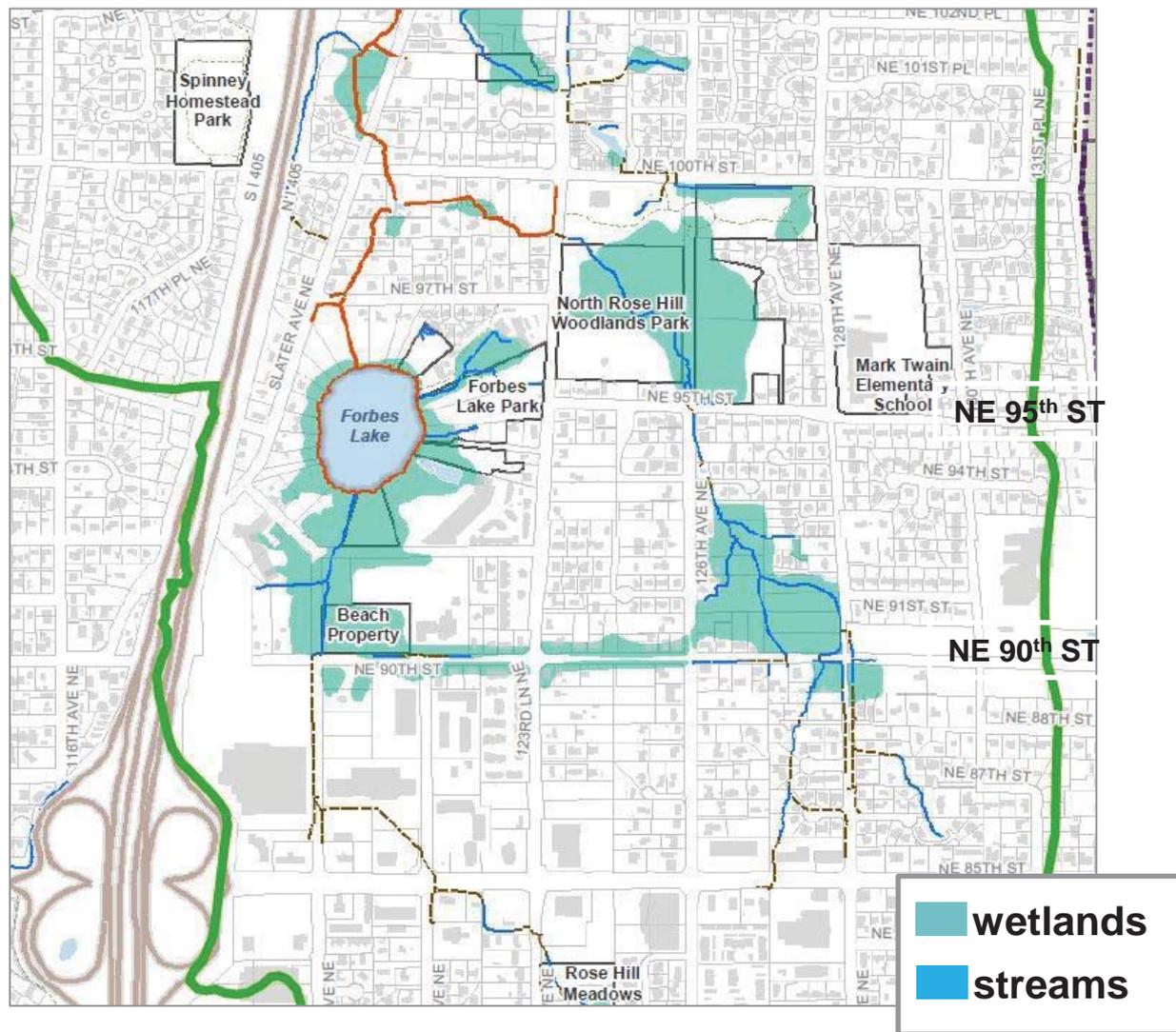


Challenges

- Crossing SCL lines
- Have to double-circuit lines on NE 90th Street
- Tree removal, maintenance and risks issues on NE 90th Street
- Impacts to wetlands



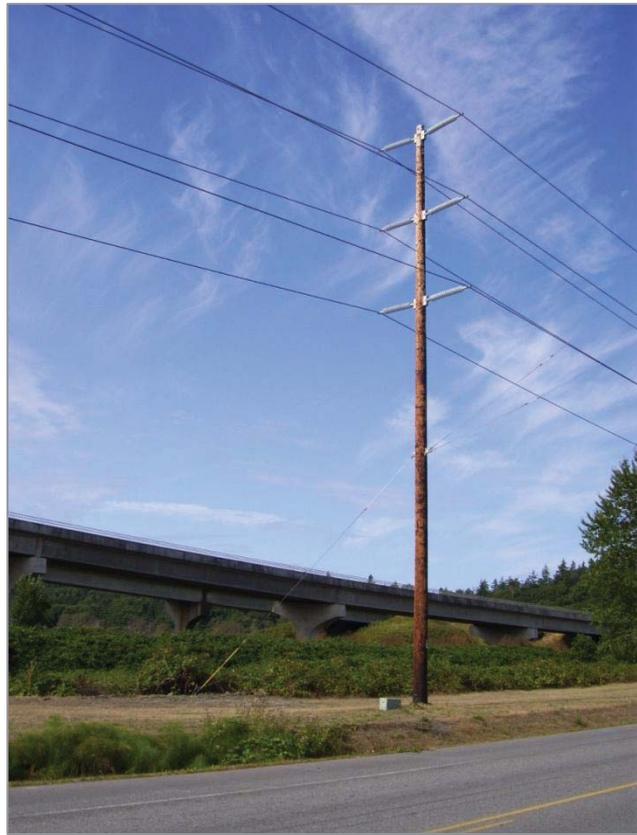
Alternative 1: NE 90th Street vs NE 95th Street





Alternative 1: NE 90th Street and Double-Circuit 115 kV Lines

- Examples of double-circuit 115 kV lines



Side-by-side configuration

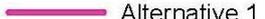


Vertical configuration



Result – Alternative 1

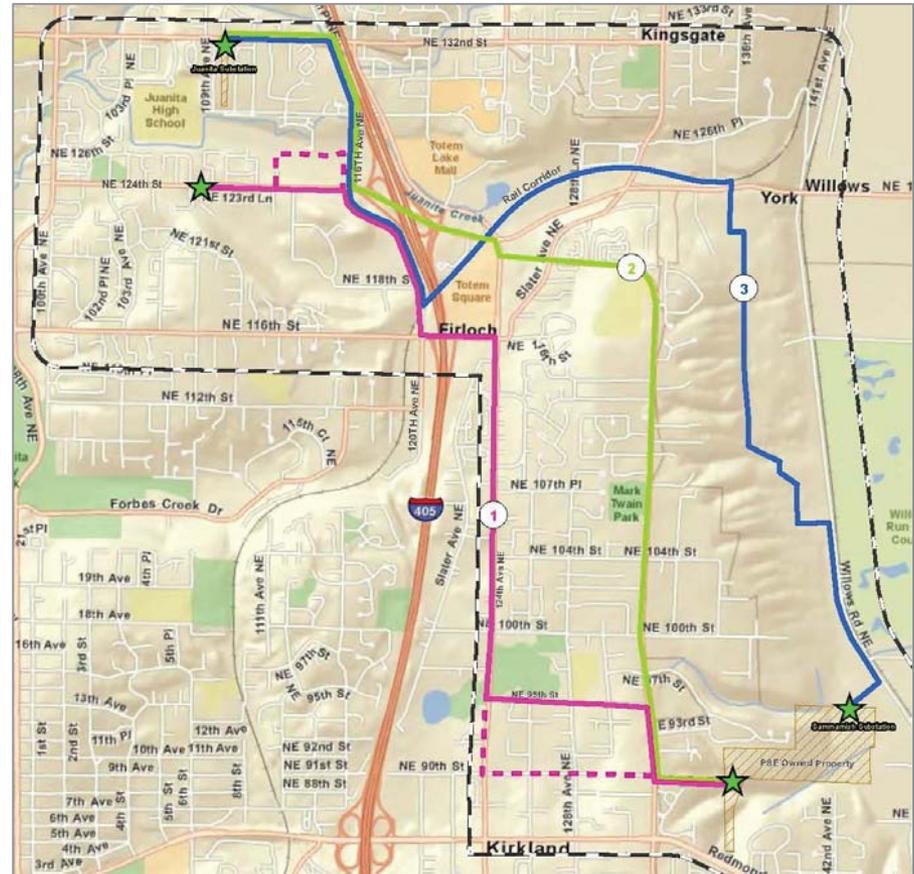


	Alternative 1		Project Study Area Boundary
	PSE Owned Property		Route End Point

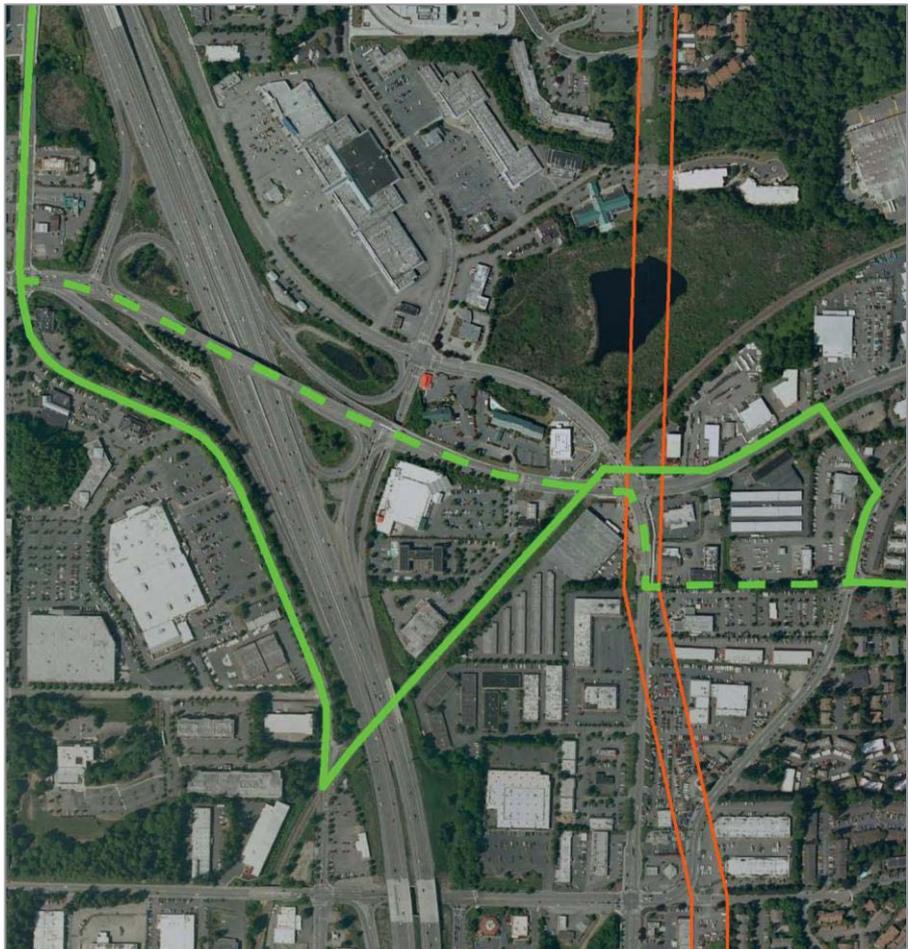
Results – Alternative 2

Challenges

- Crossing SCL lines
- Crossing I-405



Alternative 2 – Challenges



- Crossing SCL lines
- Crossing I-405



Alternative 2 - Modified





Results – Alternative 3

Challenges

- Building setbacks and restrictions
- Transfer of Development Rights (TDR) easements
- Native Growth Protection Easements (NGPE)
- Critical areas
- Tree removal
- Other issues

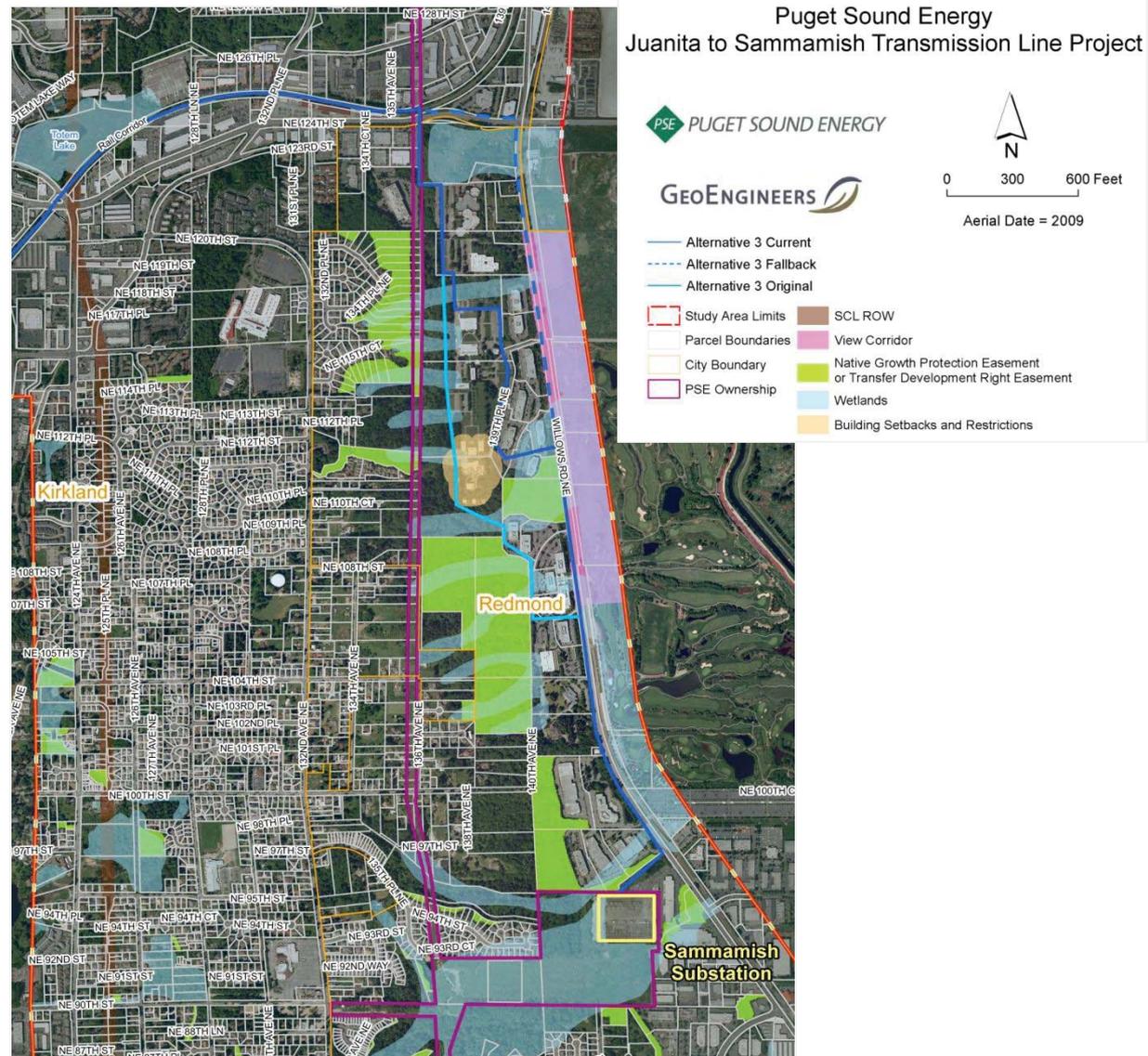


Alternative 3 – Challenges



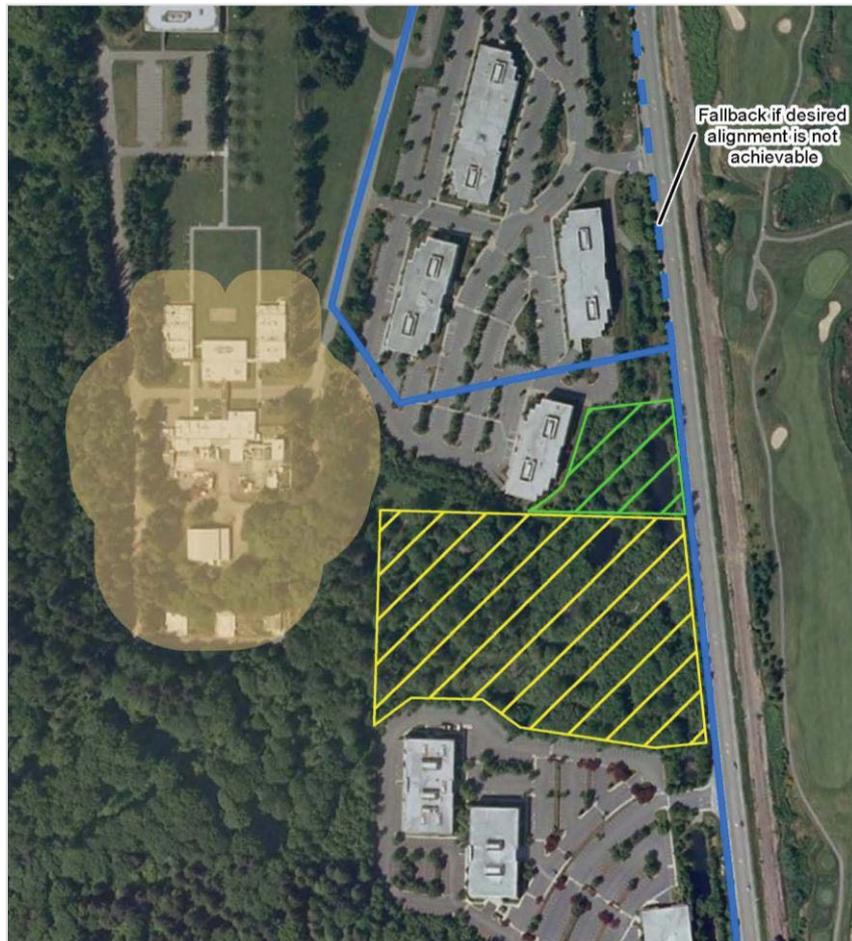
Original SAG Recommended Route

Alternative 3 – Challenges





Alternative 3 – Challenges



- Building setbacks and restrictions
- NGPEs
- TDRs
- Tree removal

	Alternative 3		Building Setbacks and Restrictions
	Alternative 3 Fallback		Native Growth Protection Easement
			Transfer Development Rights Easement



Alternative 3 – Challenges



- Building setbacks and restrictions
- NGPEs
- TDRs
- Tree removal

	Alternative 3		Building Setbacks and Restrictions
	Alternative 3 Fallback		Native Growth Protection Easement
			Transfer Development Rights Easement



Alternative 3 – Challenges

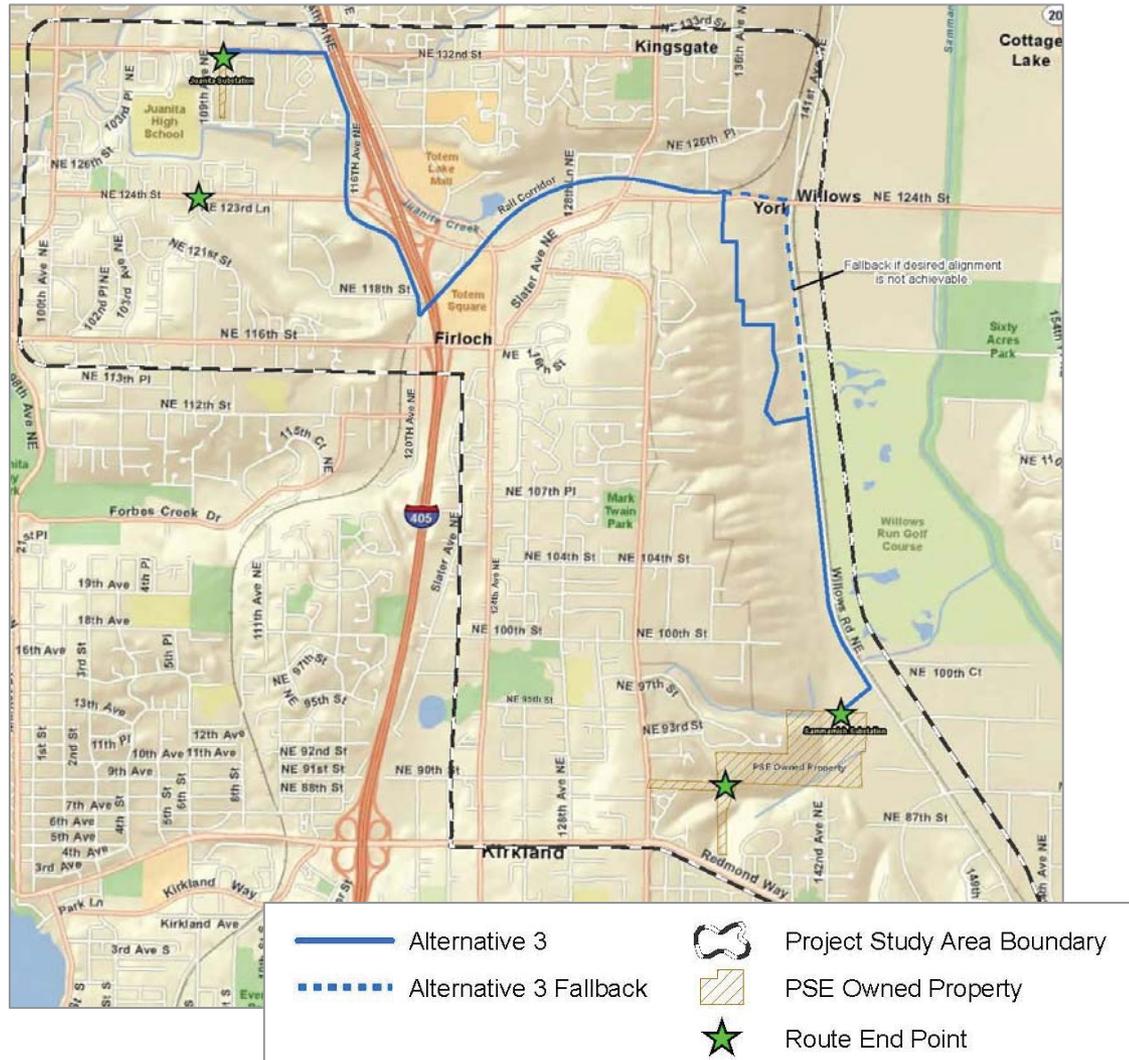


- Building setbacks and restrictions
- NGPEs
- TDRs
- Tree removal

	Alternative 3		Building Setbacks and Restrictions
	Alternative Alignment for Consideration		Native Growth Protection Easement
			Transfer Development Rights Easement

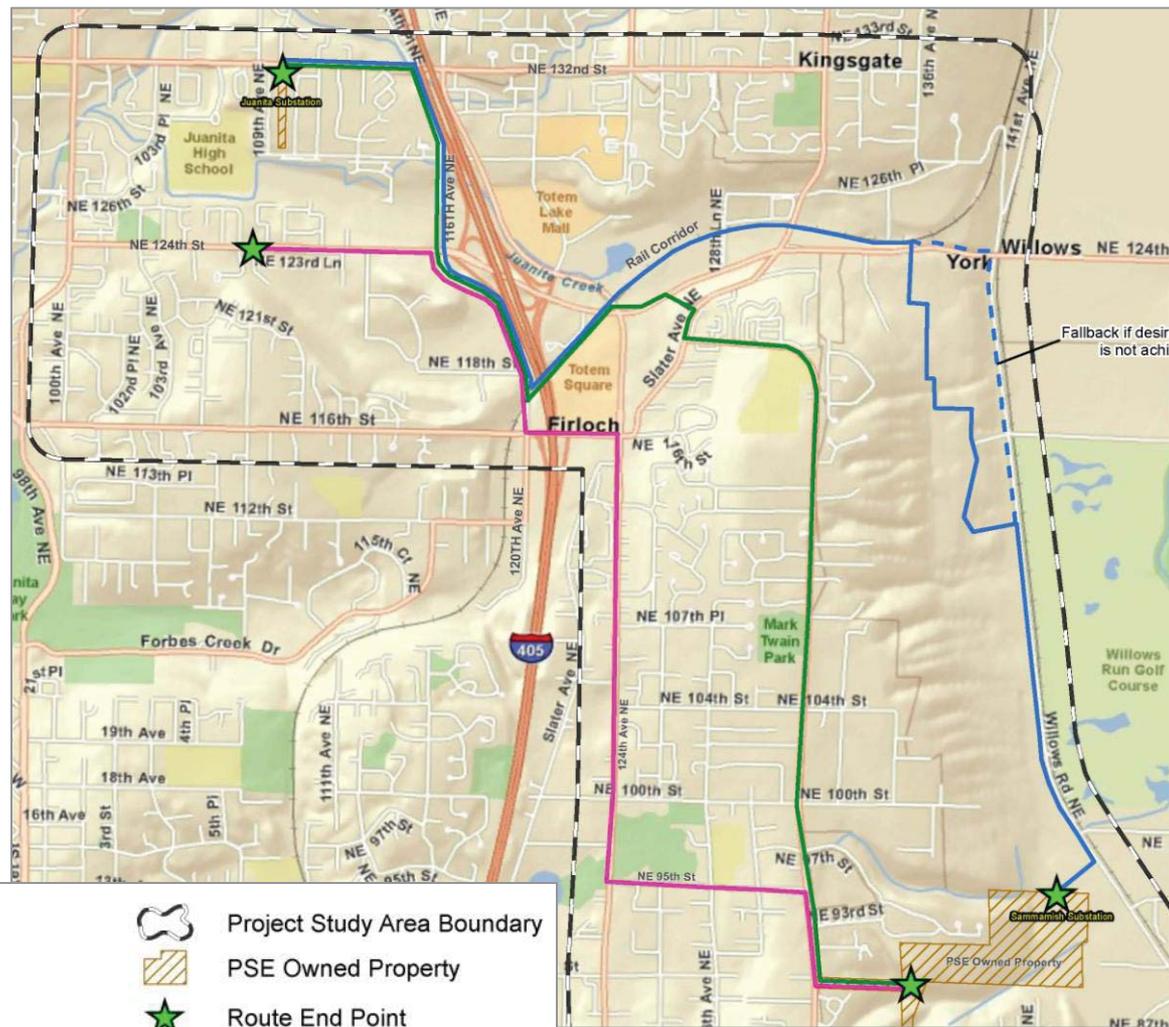


Alternative 3 - Modified





Revised Route Alternatives





Chapter 1: Review results of alternatives feasibility study

Chapter 2: Next steps



Identifying a Preferred Route

- Preferred route advisory group meeting
 - Timing
 - Decision process
 - Meeting recommendations
 - Other notification methods



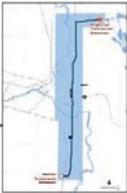
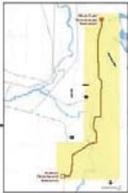
Preparing for Community Meetings

- Late June community meetings
 - Conveying advisory group feedback on the alternatives
 - Meeting recommendations



Preparing for Community Meetings

- Sharing advisory group feedback on the alternatives

Pierce 230 kV Project		
Advisory group conceptual route comments and concerns		
WEST ROUTE 	CENTRAL ROUTE 	EAST ROUTE 
<p>Comments and concerns identified by advisory group:</p> <ul style="list-style-type: none"> • Providing enough room for the fire lane behind the warehouses (in the warehouse district in the northern portion of the corridor) • Preserving the railroad; consider railroad growth potential (especially for southern portion of corridor) • Proximity to Pierce County Foothills Trail • Alignment over the river – the triangle / cannery district, etc. • Adjacent to potentially sensitive waterway near warehouse district 	<p>Comments and concerns identified by advisory group:</p> <ul style="list-style-type: none"> • High impact to people • Limited space in downtown Sumner • Effects to businesses • Expensive • “Terrible” 	<p>Comments and concerns identified by advisory group:</p> <ul style="list-style-type: none"> • Significant vegetation removal has already occurred on the hillside, impacting views • Private and commercial development (near Urban Growth Area expansion) • Possible conflict with commercial signage • Section where PSE’s other project and land acquisition is proposed (in southern portion of corridor, near Bonneville Power Administration lines) • Challenges with constructability due to terrain (steep hillsides on northern half of the corridor)
 Preliminarily recommended for further study	 Not recommended for further study	 Not recommended for further study

TELL US WHAT YOU THINK

Use the comment form provided to share your thoughts and concerns related to each potential route. Puget Sound Energy will review all comments and provide an update to the advisory group during their next meeting.



Preparing for Community Meetings

- Gathering feedback from the community

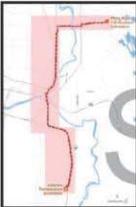
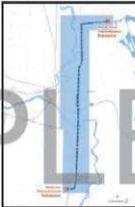
Pierce 230 kV Project

Open house comment form

Thanks for attending tonight's Puget Sound Energy open house to learn more about plans to fulfill energy needs in the region. After visiting each of the open house stations please take a few minutes to complete this comment form. In particular, PSE would appreciate comments that supplement the comments and concerns already identified by the advisory group. Space is also provided on the back of this form for comments that may not be related to a specific route.

Please indicate which of the three potential routes is closest to your residence and/or business (circle one): West | Central | East

In the space below please tell us if you have additional comments or concerns related to the potential routes.

WEST ROUTE	CENTRAL ROUTE	EAST ROUTE
		



Next Steps

- June community meetings
- July advisory group meeting(s)



Public comment from audience



Questions?

- **Sammamish-Juanita Project Contacts:**

Barry Lombard

Project Manager

barry.lombard@pse.com

425-456-2230

Jason Van Nort

Government and Community Relations Manager

jason.vannort@pse.com

425-462-3820



Thank You!