

Criteria Data - Route Alternatives East of I-405

| Criteria | Route Alternative 1 | Route Alternative 2 | Route Alternative 3 |
|--|--|---|--|
| 1 Least proximity to residential | | | |
| <i>Approx # of houses adj or across street from alignments</i> | Route side: 70 Opposite side: 60 Total: 130 | Route side: 50 Opposite side: 75 Total: 125 | Route side: 0 Opposite side: 0 Total: 0 |
| 2 Least impact to mature vegetation (tall growing trees and bushes)^{1,2,3} | | | |
| <i>Approx # of significant trees affected (6" diameter at breast height (dbh) or greater)</i> | 180 | 240 | 330 |
| <i>Approx # of other trees affected</i> | 90 | 125 | 250 |
| <i>Total</i> | 270 | 365 | 580 |
| 3 Least proximity to critical and designated areas | | | |
| <i>Approx linear feet of wetlands</i> | 4,500 | 2,850 | 5,675 |
| <i>Number of stream crossings</i> | 4 | 2 | 5 |
| <i>Approx linear feet of slopes >40%</i> | 2,350 | 3,250 | 2,525 |
| <i>Approx linear feet of designated view corridor</i> | 0 | 0 | 1,950 |
| <i>Approx linear feet of Transfer of Development Right properties / Native Growth Protection Easements</i> | 300 | 300 | 1,590 |
| 4 Public support | | | |
| <i>Alternative rankings from online questionnaire (Entire alternative, not segments)</i> | Least preferred (159) | Second choice (172) | Most preferred (254) |
| <i>Alternative rankings from comment forms (Entire alternative, not segments)</i> | Least preferred (22) | Second choice (21) | Most preferred (37) |
| <i>Information from comp plans</i> | See attached | See attached | See attached |
| 5 Opportunity areas | | | |
| <i>Kirkland railroad corridor</i> | Not applicable | 1,255 feet | 5,740 feet |
| <i>Street classification (arterials) / approx traffic counts⁴</i> | Principal (NE 116th Street, 124th Ave NE): 11,700-16,400 Minor (132nd Ave NE): 11,500 Collector (NE 95th Street): 1,015 | Principal (NE 124th Street): 29,820 Minor (NE 120th Street, Slater Ave NE, 132nd Ave NE): 9,670-15,100 | Minor (Willows Road): 21,200 |
| <i>Existing utility lines/corridors</i> | 14,860 feet | 13,855 feet | 1,425 feet |
| 6 Least proximity to community sensitive land uses | | | |
| <i>Schools and childcare facilities</i> | Mark Twain Elementary School (130th Ave NE) Boys and Girls Club (124th Ave NE) Kindercare Learning Center (Slater Ave) The City Church (132nd Ave NE) | Lake Wash Tech College - Early Learning Center (132nd Ave NE) The City Church (132nd Ave NE) | |
| <i>Parks</i> | Forbes Lake Park (124th Ave NE) | Mark Twain Park (132nd Ave NE) | Totem Lake Watershed Park |

Notes

- 1 Vegetation counts were estimated based on field review and general assumptions. Actual impact will be determined in the final design.
- 2 Vegetation counts do not included vegetation on PSE-owned property.
- 3 Impacts could be removal or trimming of vegetation.
- 4 City of Kirkland Traffic Counts (2007) and City of Redmond Traffic Counts (2009)

Sammamish-Juanita 115 kV Project



Criteria Data - Route Alternatives West of I-405

| Criteria | Route Alternative 1 | Route Alternatives 2 and 3 |
|--|---|---|
| 1 Least proximity to residential | | |
| <i>Approx # of houses adj or across street from alignments</i> | Route side: 0 Opposite side: 0 Total: 0 | Route side: 10 Opposite side: 5 Total: 15 |
| 2 Least impact to mature vegetation (tall growing trees and bushes)^{1,2,3} | | |
| <i>Approx # of significant trees affected (6" dbh or greater)</i> | 80 | 135 |
| <i>Approx # of other trees affected</i> | 25 | 30 |
| <i>Total</i> | 105 | 165 |
| 3 Least proximity to critical and designated areas | | |
| <i>Approx linear feet of wetlands</i> | 0 | 375 |
| <i>Number of stream crossings</i> | 0 | 2 |
| <i>Approx linear feet of slopes >40%</i> | 500 | 350 |
| <i>Approx linear feet of designated view corridor</i> | 0 | 0 |
| <i>Transfer of Development Right properties / Native Growth Protection Easements</i> | 0 | 0 |
| 4 Public support | | |
| <i>Alternative rankings from online questionnaire (Entire alternative, not segments)</i> | Least preferred (159) | Route Alternative 2 - Second choice (172) Route Alternative 3 - Most preferred (254) |
| <i>Alternative rankings from comment forms (Entire alternative, not segments)</i> | Least preferred (22) | Route Alternative 2 - Second choice (21) Route Alternative 3 - Most preferred (37) |
| <i>Information from comp plans</i> | See attached | See attached |
| 5 Opportunity areas | | |
| <i>Kirkland railroad corridor</i> | Not applicable | Not applicable |
| <i>Street classification (arterials) / approx traffic counts⁴</i> | Principal (NE 124th Street): 37,670 Minor (120th Ave NE): 13,540 | Principal (NE 132nd Street): 17,870 Minor (116th Ave NE, 120th Ave NE, 116th Way NE): 9,390-13,540 |
| <i>Existing utility lines/corridors</i> | 0 feet | 1,850 feet |
| 6 Least proximity to community sensitive land uses | | |
| <i>Schools and childcare facilities</i> | | |
| <i>Parks</i> | | |

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