

NE Woodinville Duvall Road at West Snoqualmie Valley Road NE Intersection Improvement

2026 Rural Town Centers and Corridors

Funding requested for: Preliminary Engineering/Design

Grant Request: \$1,600,000

Obligation Year: 2027



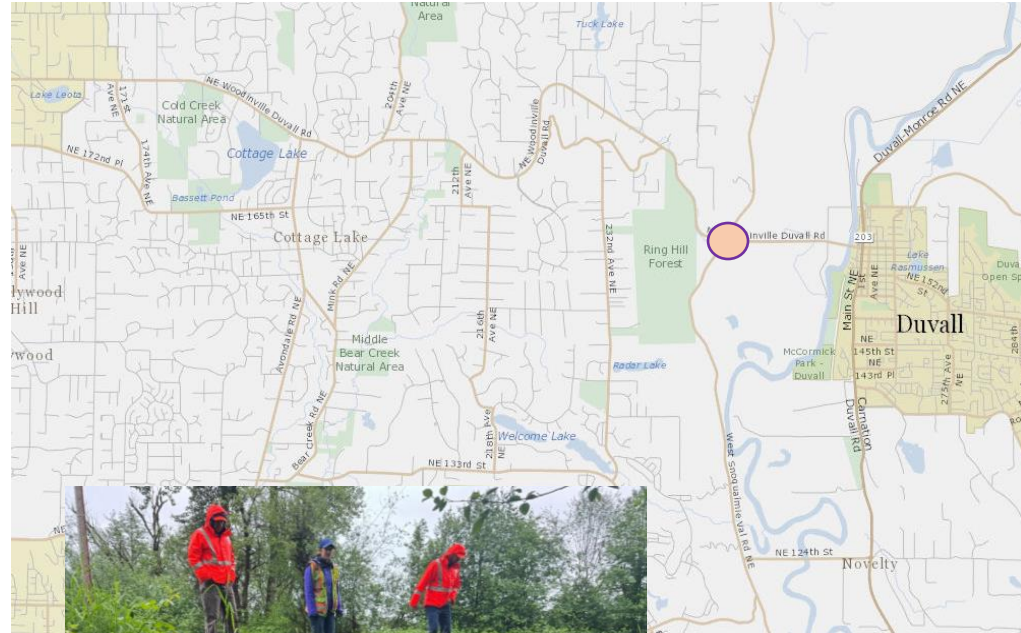
King County

Local Services

NE Woodinville Duvall Road at West Snoqualmie Valley Road NE Intersection Improvement

Project Need

- Heavily used commuting corridor to and from City of Duvall
- High collision location
- Worsening peak hour delays
- Per Duvall Comp Plan, W-D Road channels local and regional traffic through Duvall
- Flooding risk from 2 undersized culverts



E954257	NE Woodinville Duvall Rd									Dry & Clear/Partly cloudy	WB Left turn failed to yield, was str
E961019	NE Woodinville Duvall Rd									Dry & Clear/Partly cloudy	WB Left turn forced EB Right turn o
E973962	NE Woodinville Duvall Rd									Wet & Raining	NB Left turned on amber, was struc
E996735	NE Woodinville Duvall Rd	WB Left turn	12/22/2019	Head on	Injury	HNBD	HNBD	Dark - No Street Lights		Wet & Raining	WB Left failed to yield, was struck f
EA35463	NE Woodinville Duvall Rd	WB Left turn	5/22/2020	Right Angle	Injury	HNBD	HNBD	Daylight		Wet & Overcast	WB Left failed to yield, was struck t
EA55916	NE Woodinville Duvall Rd	WB Left turn	8/14/2020	Right Angle	PDO	HNBD	HNBD	Daylight		Dry & Clear/Partly cloudy	WB Left failed to yield, was struck t
EB71614	NE Woodinville Duvall Rd	WB Left turn	9/20/2021	Head on	Injury	HNBD	HNBD	Daylight		Dry & Overcast	WB Left failed to yield, was struck t
ED20246	NE Woodinville Duvall Rd	WB Left turn	12/27/2022	Right Angle	PDO	Unknown	Unknown	Daylight		Wet & Raining	EB thru failed to stop for signal, stru
ED22297	NE Woodinville Duvall Rd	EB thru	1/5/2023	Head on	PDO	Unknown	Unknown	Daylight		Wet & Overcast	EB thru passed left turn on right, lo
EE11716	NE Woodinville Duvall Rd	WB Left turn	10/21/2023	Right Angle	Injury	HNBD	HNBD	Dusk		Wet & Raining	WB Left failed to yield, was struck t
EE30117	NE Woodinville Duvall Rd	WB Left turn	12/23/2023	Right Angle	Injury	HNBD	HNBD	Dawn		Wet & Overcast	WB Left failed to yield, struck by EE



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Project Scope

Design a rural single-lane roundabout including:

- Extruded curbs, widened shoulders, marked crosswalks, safety islands, pavement markings, traffic signs
- Lighting
- Two water crossing structures, drainage network improvements, water quality facility, structural walls, erosion/sediment control
- Habitat restoration, mitigation planting, roadside landscaping
- Innovative stormwater management and lane configuration



Before



After



King County

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Safety

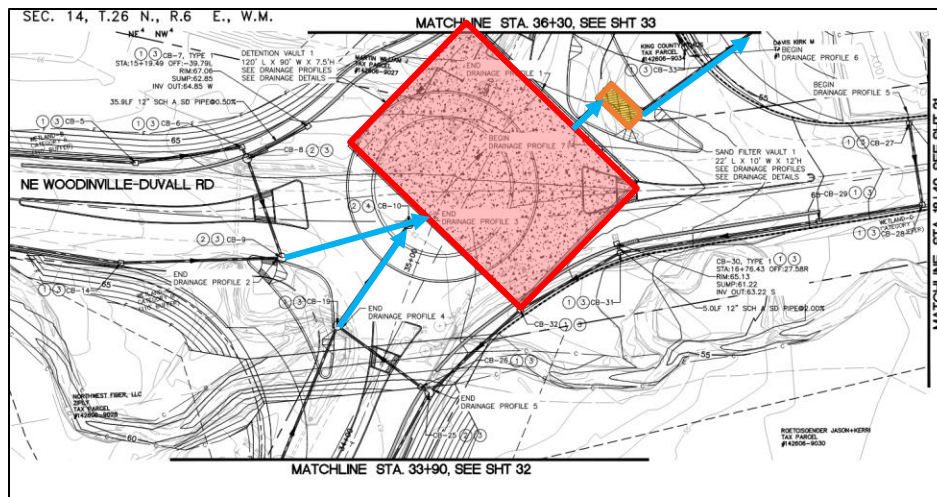
- 45 collisions from 2014 to 2023, 10 with injuries
- Two undersized culverts are clogging more and more, increasing risk of roadway flooding
- New roundabout with extruded curb and widened shoulder will:
 - Slow down drivers
 - Protect vulnerable users
 - Promote Target Zero and Complete Streets by reducing # and severity of injuries



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System performance and innovative solutions

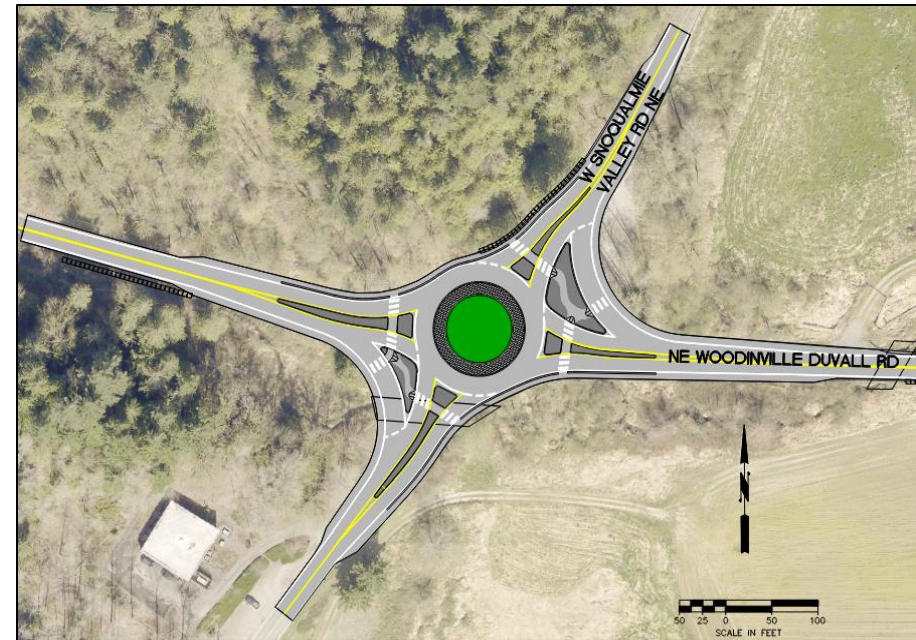
- On-site stormwater retention and treatment to minimize impact on wetlands surrounding intersection
- Right-turn slip lanes allow right turns without entering roundabout: improve traffic flow and accommodate larger vehicles



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Circulation, mobility,
accessibility:

- Improves functionality of regionally significant east-west corridor to and from Duvall and across Snoqualmie Valley
- Designed for multimodal use: cyclists, pedestrians, transit users, freight
- Shorter queuing, less delay
- Reduced flooding risk



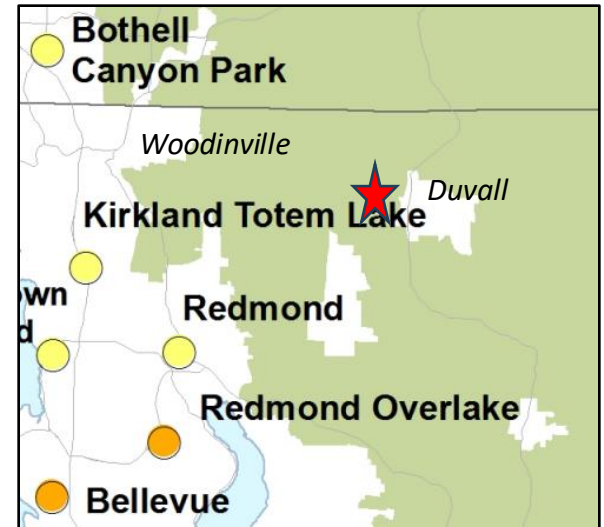
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Local and Regional Policy Support

- Supports economic development, tourism, and access to employment for Duvall, a rural town center outside the contiguous UGA. It will also serve Woodinville.
 - Comprehensive Plans of the Cities of Duvall and Woodinville
- Safety, multimodal facilities, and efficient travel supporting regional growth centers and rural town centers
 - King County Comprehensive Plan
 - Countywide Planning Policies
 - PSRC Vision 2050



Project context supporting rural town centers and PSRC Regional Growth Centers



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Community benefits

- Support economic development and job access for Duvall
- Address community requests for Woodinville Duvall Rd. improvements for safer pedestrian and bike use
- Improve:
 - Air quality
 - Safety and reliability for active transportation users, transit users, freight, and personal vehicles
 - Water quality from on-site stormwater filtration
- Reduce:
 - Collision rate and congestion
 - Fuel consumption



King County

Local Services