

		1: Planned Improvements Only	2: Extend 174 th and Localize Foster	3: Improve Jenne, Foster, and 172 nd ; Connect and Tee Giese	4: Improve Jenne and Foster; Connect and Tee Giese	5: Improve Jenne and Foster; Tee Giese
Environmental	Wetland	The 172nd Avenue extension would have a higher impact on wetlands near Kelley Creek. However, the localization of Foster Road would allow for restoration in wetland areas as well as upland and riparian wildlife habitat within Foster Road's existing alignment.	The 172nd Avenue extension would have a higher impact on wetlands near Kelley Creek. However, the localization of Foster Road would allow for restoration in wetland areas as well as upland and riparian wildlife habitat within Foster Road's existing alignment. The 174th extension would likely cross additional wetland seeps that are not currently included in the natural resource impact analysis.	Improvements and widening to Foster Road would impact higher amounts of wetland areas.	Improvements and widening to Foster Road would impact higher amounts of wetland areas.	Improvements and widening to Foster Road would impact higher amounts of wetland areas.
	Stream	The 172nd Avenue extension would require a new stream crossing. This crossing would be perpendicular to the creek and would be shorter than the existing Foster Road crossing. The existing Foster Road crossing would be decommissioned. Jenne Road improvements would require reconstructed stream crossings. Reconstruction would provide opportunity for fish passage improvements as well as restoration and/or enhancements to wildlife habitat.	The 172nd Avenue extension would require a new stream crossing. This crossing would be perpendicular to the creek and would be shorter than the existing Foster Road crossing. The existing Foster Road crossing would be decommissioned. The 174th extension would require several new stream crossings.	Foster Road improvements from Jenne Road to Cheldelin Road would require reconstructed stream crossings. Reconstruction would provide opportunity for fish passage improvements as well as restoration and/or enhancements to wildlife habitat. Jenne Road improvements would require reconstructed stream crossings and one new stream crossing. These stream crossings could provide opportunity for fish passage improvements as well as restoration and/or enhancements to wildlife habitat.	Foster Road improvements from Giese Road to Cheldelin Road would require reconstructed stream crossings. Reconstruction would provide opportunity for fish passage improvements as well as restoration and/or enhancements to wildlife habitat. Jenne Road improvements would require reconstructed stream crossings. Reconstruction would provide opportunity for fish passage improvements as well as restoration and/or enhancements to wildlife habitat.	Foster Road improvements from Jenne Road to Cheldelin Road would require reconstructed stream crossings. Reconstruction would provide opportunity for fish passage improvements as well as restoration and/or enhancements to wildlife habitat. Jenne Road improvements would require reconstructed stream crossings. Reconstruction would provide opportunity for fish passage improvements as well as restoration and/or enhancements to wildlife habitat.
	Habitat	172nd Avenue extension, Foster Road, and Giese Road have little or no impact on wildlife habitat, fragmentation, or mature trees. However, Jenne Road improvements moderately impact mature trees.	The 174th extension results in a larger amount of potential mature tree removal, higher amount of upland wildlife habitat transected, and higher fragmentation due to the length of the proposed new road.	172nd extension, the Giese T-connection, and Giese Road have little or no impact on mature trees, wildlife habitat, or fragmentation. However, Foster Road improvements have some impact on riparian wildlife habitat and Jenne Road improvements moderately impact mature trees.	172nd extension, the Giese T-connection, and Giese Road have little or no impact on mature trees, wildlife habitat, or fragmentation. However, Foster Road improvements have a higher impact on riparian wildlife habitat. Both Jenne Road and Foster Road have a moderate impact on mature trees.	172nd extension and the Giese T-connection have little or no impact on mature trees, wildlife habitat, or fragmentation. However, Foster Road improvements have a higher impact on riparian wildlife habitat. Both Jenne Road and Foster Road have a moderate impact on mature trees.
Safety		Provides enhancements on Jenne Road. Provides orthogonal intersections at Foster and 172nd connections.	Provides north-south alternative to Jenne Road. Provides orthogonal intersections at Foster and 172nd connections.	Provides enhancements on Jenne Road. Provides orthogonal intersections at Foster and 172nd connections.	Provides enhancements on Jenne Road. Provides orthogonal intersections at Foster and 172nd connections.	Provides enhancements on Jenne Road. Provides orthogonal intersections at Foster and 172nd connections.
Bicycle & Pedestrian	Facilities	Enhances north-south connectivity to and from Powell for bicycles and pedestrians. Provides east-west connectivity within Pleasant Valley.	Enhances north-south connectivity to and from Powell for bicycles and pedestrians. Connectivity has significant grades but is more direct. Provides east-west connectivity within Pleasant Valley.	Enhances north-south connectivity to and from Powell for bicycles and pedestrians. Provides east-west connectivity within Pleasant Valley.	Enhances north-south connectivity to and from Powell for bicycles and pedestrians. Provides east-west connectivity within Pleasant Valley.	Enhances north-south connectivity to and from Powell for bicycles and pedestrians. Provides limited east-west connectivity within Pleasant Valley.
	Existing Transit on Powell	Improvements to Jenne Road enhance access to Powell.	174th extension creates a new direct access to Powell, but has high grades at points.	Improvements to Jenne Road enhance access to Powell.	Improvements to Jenne Road enhance access to Powell.	Improvements to Jenne Road enhance access to Powell.
	Future Transit on 190th	Provides enhanced east-west connectivity to 190th.	Provides enhanced east-west connectivity to 190th.	Provides enhanced east-west connectivity to 190th.	Provides enhanced east-west connectivity to 190th.	Provides indirect east-west connectivity to 190th.
Town Center Access & Connectivity		Provides direct east-west and north-south connectivity.	Provides direct east-west and north-south connectivity.	Provides direct east-west connectivity and indirect north-south connectivity.	Provides direct east-west connectivity and indirect north-south connectivity.	East-west and north-south connectivity is indirect.

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Vehicle Facilities	Operations	Better operations at 174th/Powell and 172nd/Foster. Reduces cut-through traffic on McKinley.	Better operations at Jenne/Foster, Foster/Giese, 190th/Giese, and 182nd/Powell. Reduces cut-through traffic on McKinley.	Better operations at 174th/Powell and 172nd/Foster. Reduces cut-through traffic on McKinley.	Better operations at 174th/Powell and 172nd/Foster. Reduces cut-through traffic on McKinley.	Better operations at 174th/Powell and 172nd/Foster. May not reduce cut-through traffic on McKinley.
	System Connectivity	Meets Gresham's 1-mile arterial spacing standard for east-west connections. Creates grid of arterial streets with localization of Foster Road.	Meets Gresham's 1-mile arterial spacing standard for east-west connections. Creates grid of arterial streets with localization of Foster Road and 174th extension.	Meets Gresham's 1-mile arterial spacing standard for east-west connections. Arterial network does not create grid.	Meets Gresham's 1-mile arterial spacing standard for east-west connections. Arterial network does not create grid.	Does not meet Gresham's 1-mile arterial spacing standard for east-west connections. Arterial network does not create grid.
Constructability	Cost	Cost factors include new Kelley Creek crossing with significant environmental mitigations, Giese Road extension, 172nd Avenue extension, and Jenne upgrades. Giese extension would likely need to be a capital project. A new alignment would be created with the 172nd Avenue extension.	Cost factors include new Kelley Creek crossing with significant environmental mitigations, Giese Road extension, 172nd Avenue extension, 174th Avenue extension, and several new creek crossings with the 174th Avenue extension. 172nd, Giese, and 174th extensions would likely need to be capital projects. A new alignment would be created with the 172nd Avenue extension.	Cost factors include reconstructed Kelley Creek crossing with significant environmental mitigations, Giese Road extension, Foster upgrades, Jenne upgrades, and property and environmental costs at the Jenne/Foster/Giese intersection. Reconfiguration of Jenne/Foster/Giese would likely need to be a capital project. Giese extension would likely need to be a capital project. Most alignments are on existing roadways.	Cost factors include reconstructed Kelley Creek crossing with significant environmental mitigations, Giese Road extension, Foster upgrades, and Jenne upgrades. Giese extension would likely need to be a capital project. Most alignments are on existing roadways.	Cost factors include reconstructed Kelley Creek crossing with significant environmental mitigations, Giese Road extension, Foster upgrades, and Jenne upgrades. Giese extension would likely need to be a capital project. Most alignments are on existing roadways.
	Phasing	Could build Giese between Jenne and 172nd and 172nd between Giese and Foster as a first phase and shift traffic from Foster once complete. Results in traffic impacts throughout construction on Jenne.	Could build Giese between Jenne and 172nd and 172nd between Giese and Foster as a first phase and shift traffic from Foster once complete.	Improvements to Foster while maintaining traffic would be difficult. Results in traffic impacts throughout construction on Jenne.	Improvements to Foster while maintaining traffic would be difficult. Results in traffic impacts throughout construction on Jenne.	Improvements to Foster while maintaining traffic would be difficult. Results in traffic impacts throughout construction on Jenne.
	Property Impacts and Purchases	Property purchases (frontage and/or full property) along Giese Road extension, 172nd Avenue extension, and Jenne Road. Jenne Road improvements impact four driveways to adjacent private property, which can be addressed with regrading and/or alternative access.	Property purchases (frontage and/or full property) along Giese Road extension, 172nd Avenue extension, and 174th Avenue. 174th Avenue extension includes full purchase of two private properties and impacts to property held by Metro/City of Gresham. Minimizes impacts on Jenne Road compared to other alternatives.	Property purchases (frontage and/or full property) along Giese Road extension, 172nd Avenue extension, and Jenne Road. Jenne Road improvements impact four driveways to adjacent private property, which can be addressed with regrading and/or alternative access. Potential impacts to gas station, auto repair property, and/or adjacent creek to create 4-legged intersection at Jenne/Foster/Giese. Foster Road upgrade to arterial would require either frontage or full property purchases due to driveway and access limitations and widening.	Property purchases (frontage and/or full property) along Giese Road extension, 172nd Avenue extension, and Jenne Road. Jenne Road improvements impact four driveways to adjacent private property, which can be addressed with regrading and/or alternative access. Foster Road upgrade to arterial would require either frontage or full property purchases due to driveway and access limitations and widening.	Property purchases (frontage and/or full property) along Giese Road extension, 172nd Avenue extension, and Jenne Road. Jenne Road improvements impact four driveways to adjacent private property, which can be addressed with regrading and/or alternative access. Foster Road upgrade to arterial would require either frontage or full property purchases due to driveway and access limitations and widening.
Intergovernmental Coordination		Requires City of Portland update for Jenne Road improvements.	Requires Metro coordination due to land ownership and City of Portland coordination due to new Jenne Road/174th Avenue intersection. Does not require improvements along Jenne Road.	Requires City of Portland update on Jenne Road improvements and reconfiguration of Jenne/Foster/Giese.	Requires City of Portland update for Jenne Road improvements.	Requires City of Portland update for Jenne Road improvements.