





Needs Assessment

Poor Pavement Condition

Driving the Project's Need

- High crash rates along the corridor
- High volume of access points with limited left turn lanes
- Lack of designated east-west bicycle facilities
- Sight distance issues for some accesses
- Roadway alignment shifts



Center Ave & 4th Street

Alternative Development

- Developed 4 Base Alternatives & 2 Additive Alternatives
- All Alternatives fix project need for existing pavement issues
- Alternatives respond to needs assessment
- Alternative D was recently added

WHAT IS RIGHT FOR CENTER AVENUE?







Alternative A

Mill & Overlay + 3-Lane Section + Designated Bike Lanes

Alternative Improvements	Issued Addressed/Impacts	
Mill & Overlay	Fixes pavement deficiencies	
Roadway Section (3-Lanes)	Serves 2040 traffic volumes Eliminates alignment shifts Estimated corridor crash reduction of 24% Removes 4 Trees	
Bike Facilities Across Bridge	Creates bike connection across bridge	
Bike Facilities Along Center Ave	Provides on-street dedicated bicycle facilities	
Transit	Removes transit pullout per request Maintains existing transit routes Creates vehicle delays when bus is stopped	
Removal of 7 th Street Signal	Allows coordination between signals Signal is not warranted	
Pedestrians	Removes conflict between bikes and peds Improves ADA compliance	
Access	Options to do nothing, relocate or close accesses	
Parking	No Changes	
Preliminary Cost	\$975,000	



Alternative B

Mill & Overlay + 3-Lane Section + On-Street Parking/Wide Outside Lanes

Alternative Improvements	Issued Addressed/Impacts
Mill & Overlay	Fixes pavement deficiencies
Roadway Section (3-Lanes)	Serves 2040 traffic volumes Eliminates alignment shifts Estimated corridor crash reduction of 24% Removes 4 trees
Bike Facilities Across Center Bridge	Creates bike connection across bridge
Bike Facilities Along Center Ave	Provides wide outside lane for bicycles
Transit	Removes transit pullout per request Maintains existing transit routes Creates vehicle delays when bus is stopped
Removal of 7 th Street Signal	Allows coordination between signals Signal is not warranted
Pedestrians	Removes conflict between bikes and peds Improves ADA compliance
Access	Options to do nothing, relocate or close accesses
Parking	Adds on-street parking
Preliminary Cost	\$816.000



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Alternative C

Mill & Overlay + Re-stripe to Existing Lane Configuratic

Alternative Improvements	Issued Addressed/Impacts
Mill & Overlay	Fixes pavement deficiencies
Roadway Section (4-Lanes)	Serves 2040 traffic volumes No corridor crash reduction
Bike Facilities Across Bridge	Creates bike connection across bridge
Bike Facilities Along Center Ave	No Changes
Transit	Maintains existing transit routes
Removal of 7 th Street Signal	Allows coordination between signals Signal is not warranted
Pedestrians	No Changes
Access	No Changes
Parking	No Changes
Preliminary Cost	\$556,000



Alternative D

Vill & Overlay + 3-Lane Section + Roadway Shoulders

Alternative Improvements	Issued Addressed/Impacts	
Mill & Overlay	Fixes pavement deficiencies	
Roadway Section (3-Lanes)	Serves 2040 traffic volumes Eliminates alignment shifts Estimated corridor crash reduction of 24% Removes 4 trees	
Bike Facilities Across Bridge	Creates bike connection across bridge	
Bike Facilities Along Center Ave	No Changes	
Transit	Removes transit pullout per request Maintains existing transit routes Creates vehicle delays when bus is stopped	
Removal of 7 th Street Signal	Allows coordination between signals Signal is not warranted	
Pedestrians	Sidewalk improvements Improves ADA compliance	
Access	Consideration to Reconstruct Thai Orchid Access in its Current Location	
Parking	No Changes	
Preliminary Cost	\$948,000	





























Roadway Section	Change AD	T (Before)	(After) Notes	s
 Lake Washington Blvd., Kirkland, Washington South of 83 	4 lanes to 2 + TWLTL + bike lanes	23,000	25,913	
2. Lake Washington Blvd, Kirkland, Washington Near downtown	4 lanes to 2+ TWLTL + bike lanes	11,000	12,610	
3. Electric Avenue, Lewistown, Pennsylvania	4 lanes to 2 + TWLTL + bike lanes	13,000	14,500	
4. Burcham Road, East Lansing, Michigan	4 lanes to 2 + TWLTL + bike lanes	11-14,000	11-14,000	
5. Grand River Boulevard, East Lansing, Michigan	4 lanes to 2+TWLTL+bike lanes	23,000	23,000	
6. St. George Street, Toronto, Ontario, Canada	4 lanes to 2 + bike lanes + wide sidewalk	s 15,000	15,000	
7. 120th Avenue, NE Bellevue, Washington	4 lanes to 2 + TWLTL	16,900	16,900	
8. Montana (commecial street) Bellevue, Washington	4 lanes to 2 lanes + TWLTL 4 lanes to 2 + median + bike lanes	18,500	18,500	
9. Main Street Santa Monica, California	4 lanes to 2 lanes + TWLTL 4 lanes to 2 + median + bike lanes	20,000	18,000	







Landscape Opportunities



Landscape Opportunities



Landscape Opportunities





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Questions or Comments?

Special Assessments

Special Assessments

- Uniform rates City-wide based on type of project
- Primary benefit rate: \$25 per adjusted front foot
 - Applied to properties that front on a local street or have direct access to a minor arterial or collector street
- Secondary benefit rate: \$500 per 0.25 acre
 - Minimum \$500
 - Applied to minor arterial & collector streets that provide service to a larger area
 - Every property is included in the assessment district for one N-S & one E-W minor arterial or collector street

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