

SE 4th Street Improvements



Four Part Presentation

- I. Summary of Proposed Project & Design
- II. What we heard from the public meeting
- III. Project issues requiring council guidance.
- IV. Discussion

Project History

- 2002, June - SE 4th St Improvement included in 2003-08 6-Year TIP
- 2005 – Included in City's Comprehensive Plan
- 2007, October – Included in Final Town Center EIS
- 2008, June – Included in adopted TC Plan
- 2010, October – Adopted the TC Interim Design Standards
- 2014, June – SE 4th St added to 2015-20 6 Year TIP
- 2014, November – Included in adopted 2015-16 Budget
- 2015, July – Included in 2016-21 6 Year TIP
- 2015, October – Perteet hired to prepare PS&E for SE 4th St

Design Concept

- Design a multi-modal street (Complete Street)
- Center Turn Lane or median – (capacity and safety)
- Low speed road with traffic calming
- Extra pedestrian space for connection between TC and Big Rock
- Fit within the proposed rights-of-way

Who We Are Designing For



SE 4th St Vision

Image from 2009
Town Center
Infrastructure Plan

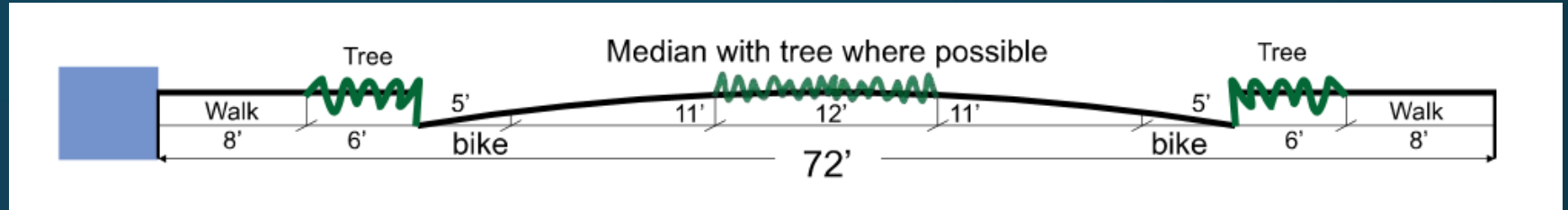


Interim TC Design Standards

- 25 mph design speed
- Planter Strips (Hard and Soft Surface)
- Sidewalk widths varying from 6 ft to 15 ft
- Roundabouts according to FHWA and WSDOT
- **Bike Sharrows instead of bike lanes**
- **8' Parking Lanes**
- **Vertical Grades (Road Profile)**

SE 4th St Town Center Cross Sections

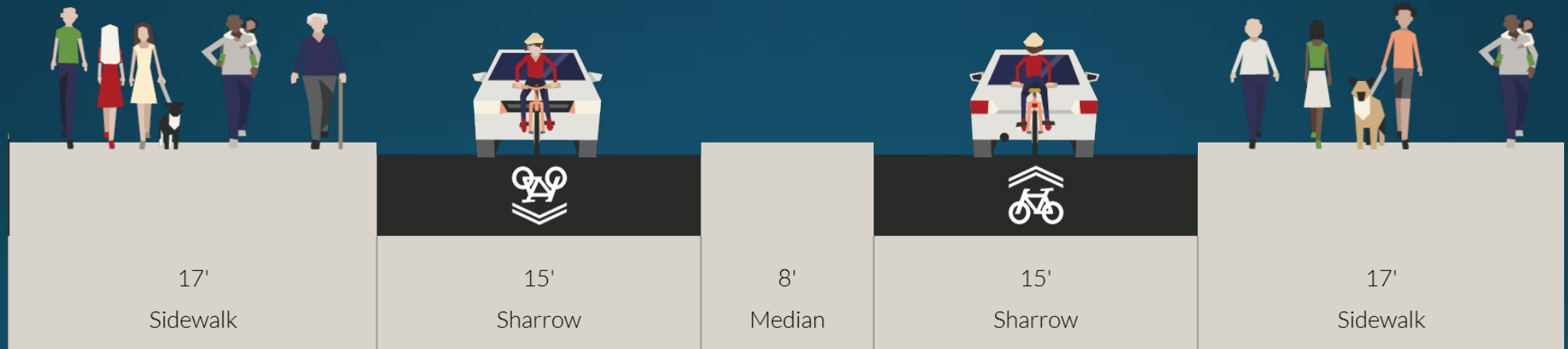
Planning
Concept



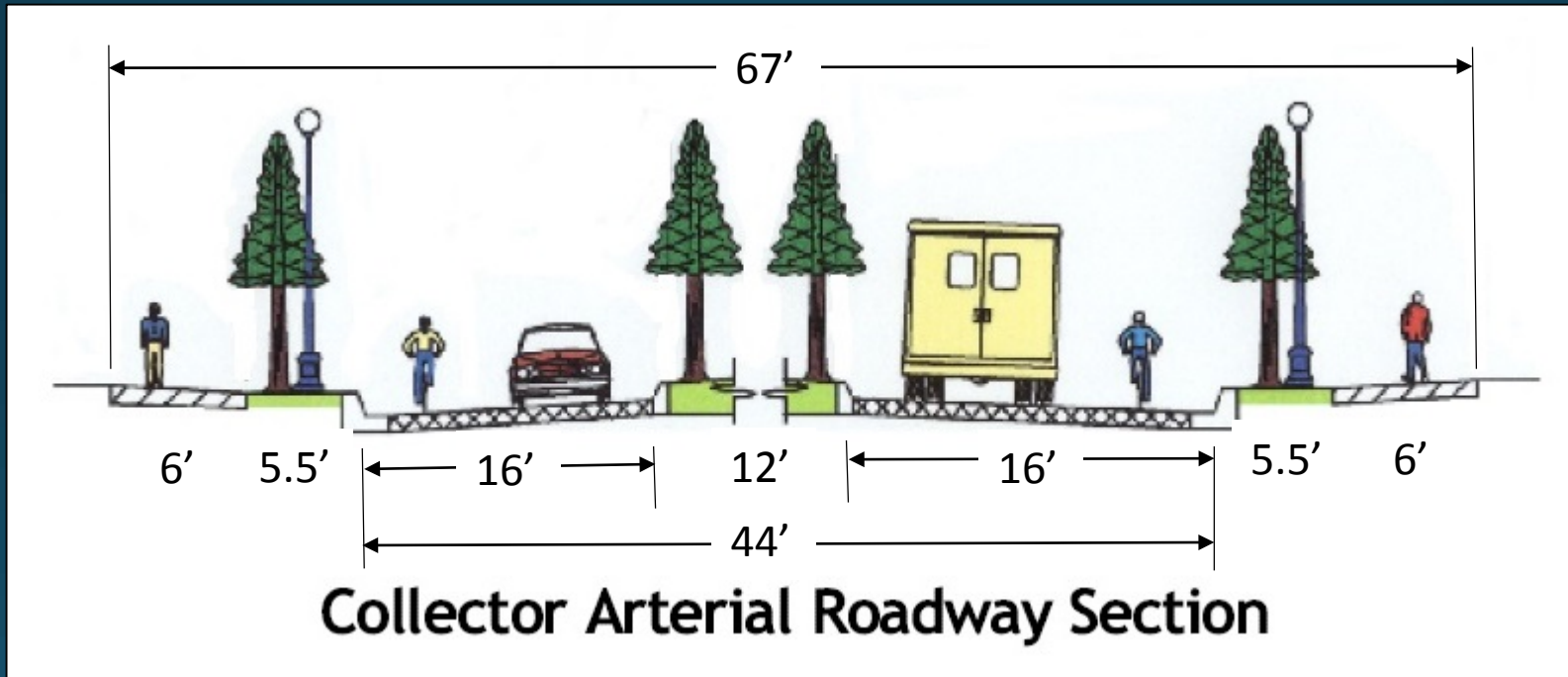
Design
Concept



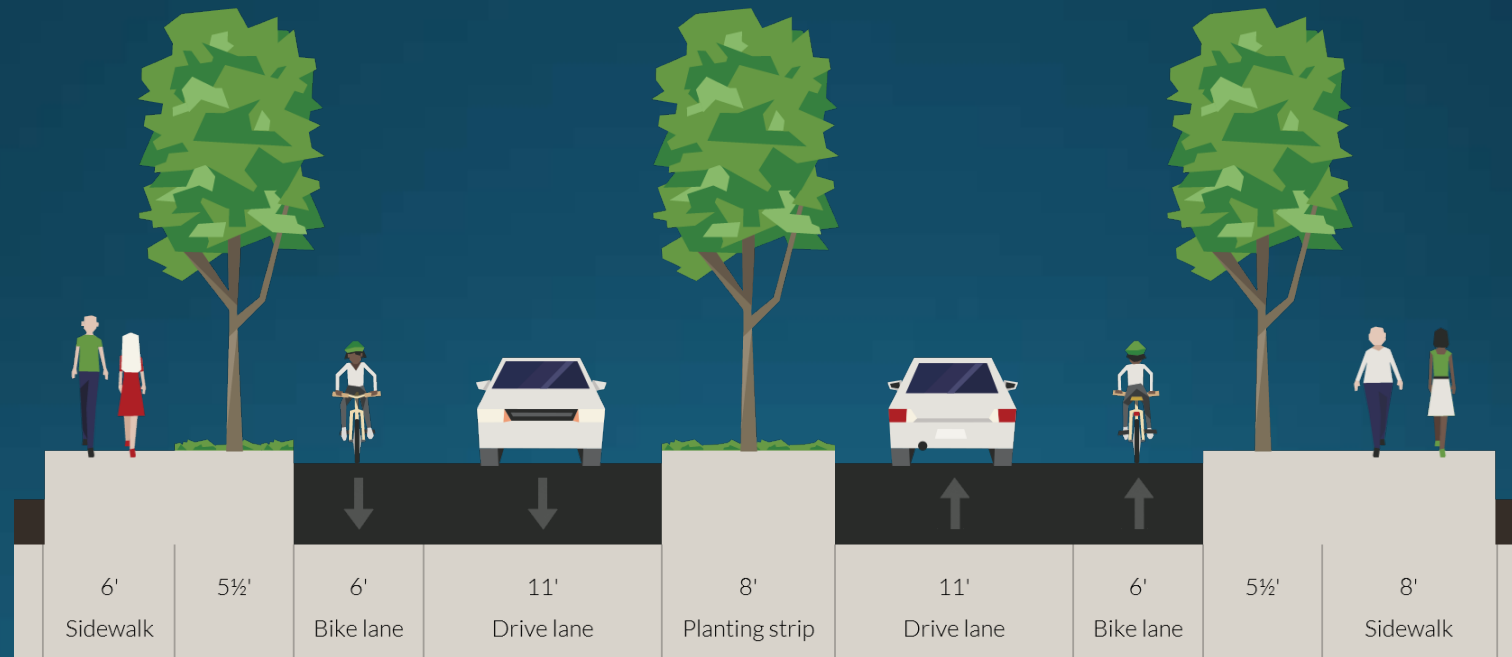
Town Center Destination – 224th to 225th

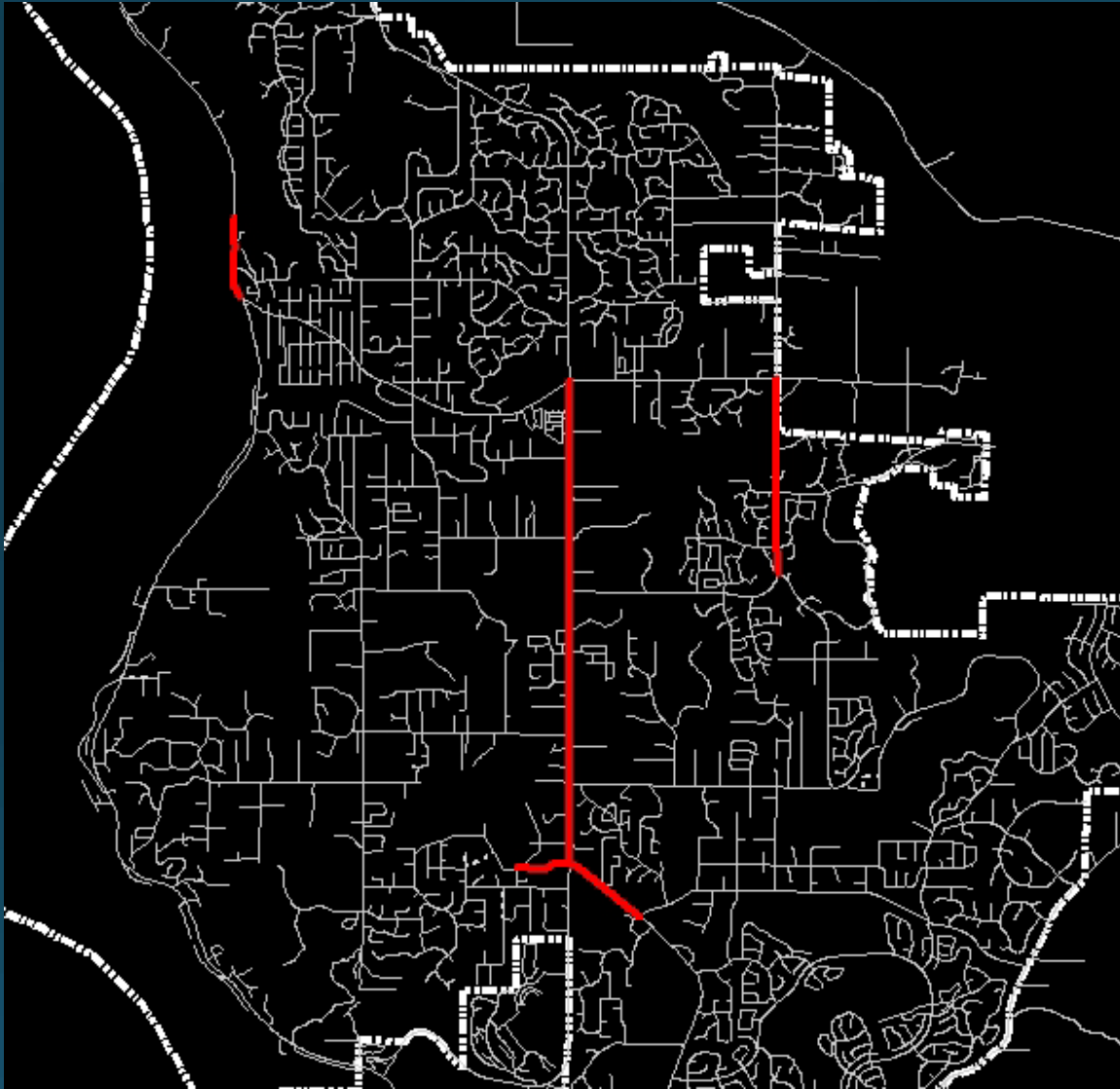


Interim Street Standard

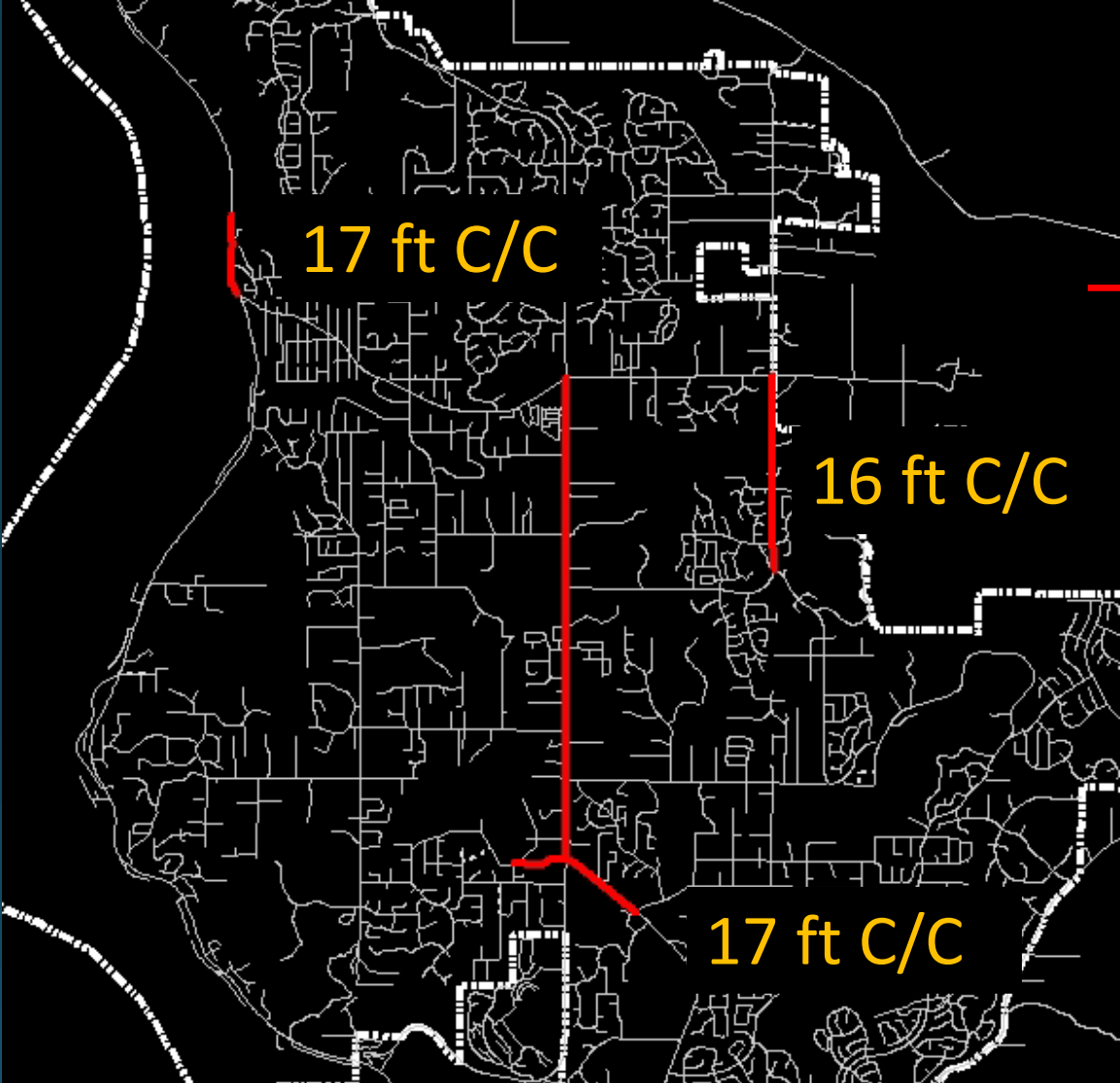


West of Town Center



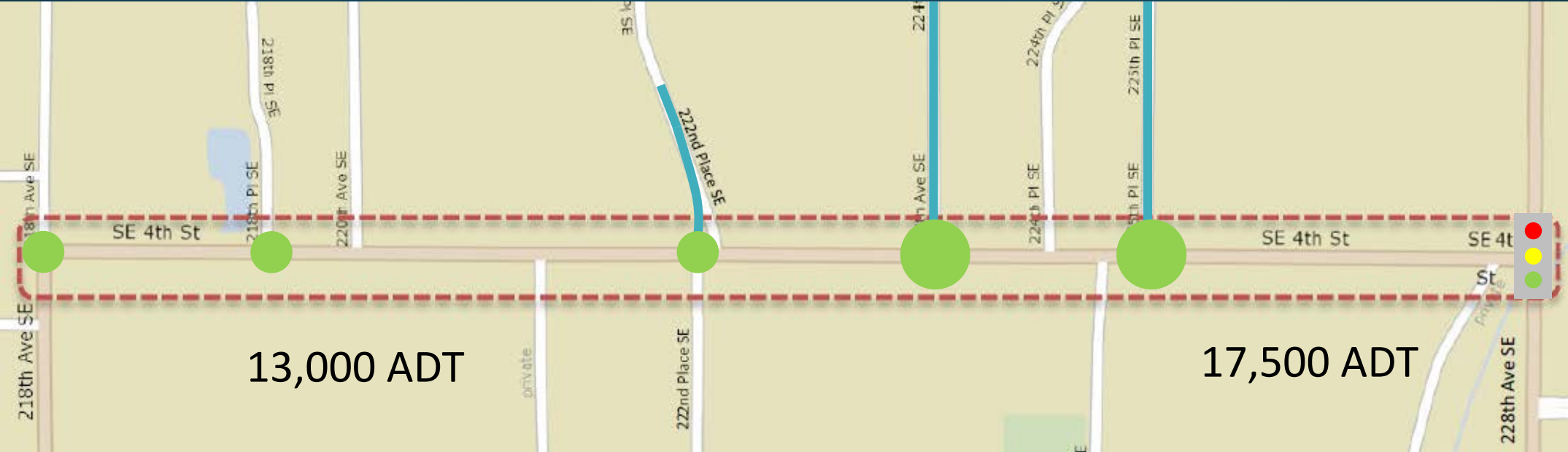


— Streets with
Medians

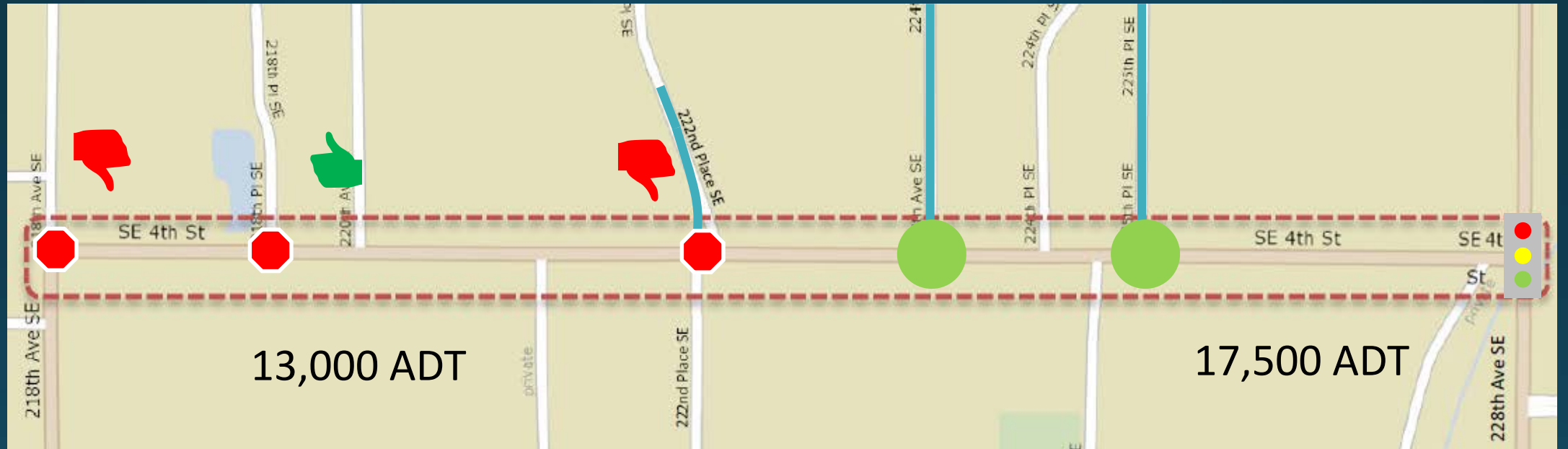


Streets with
Medians

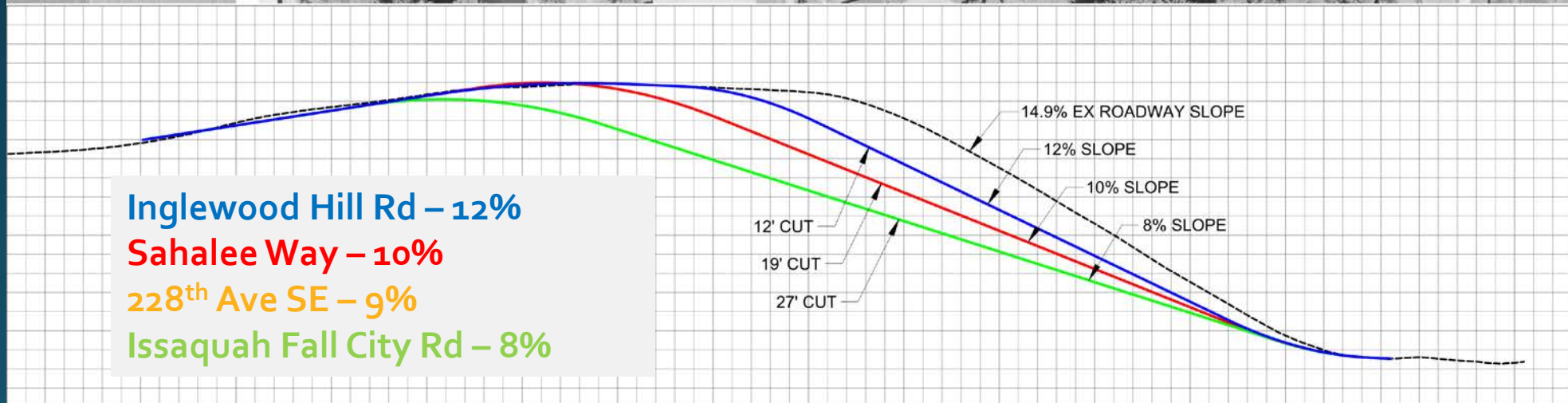
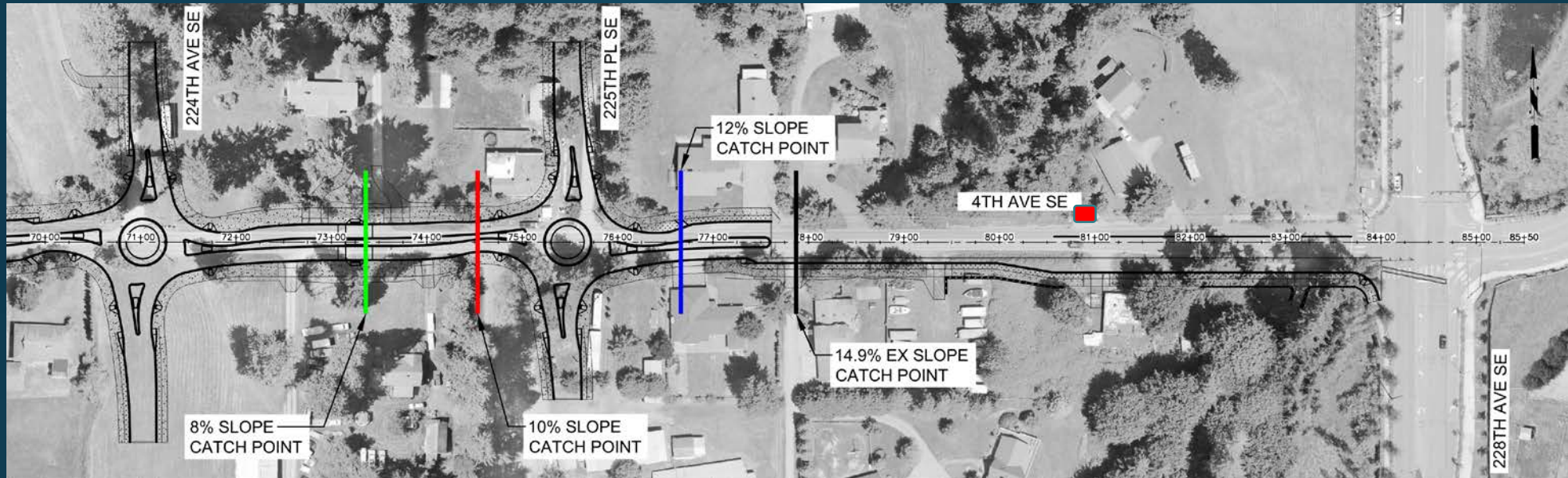
Forecasted 2035 Traffic Volumes



Forecasted 2035 Traffic Volumes



Will SE 4th Be Regraded?



How will we get around vehicles?



How will we clear the snow?



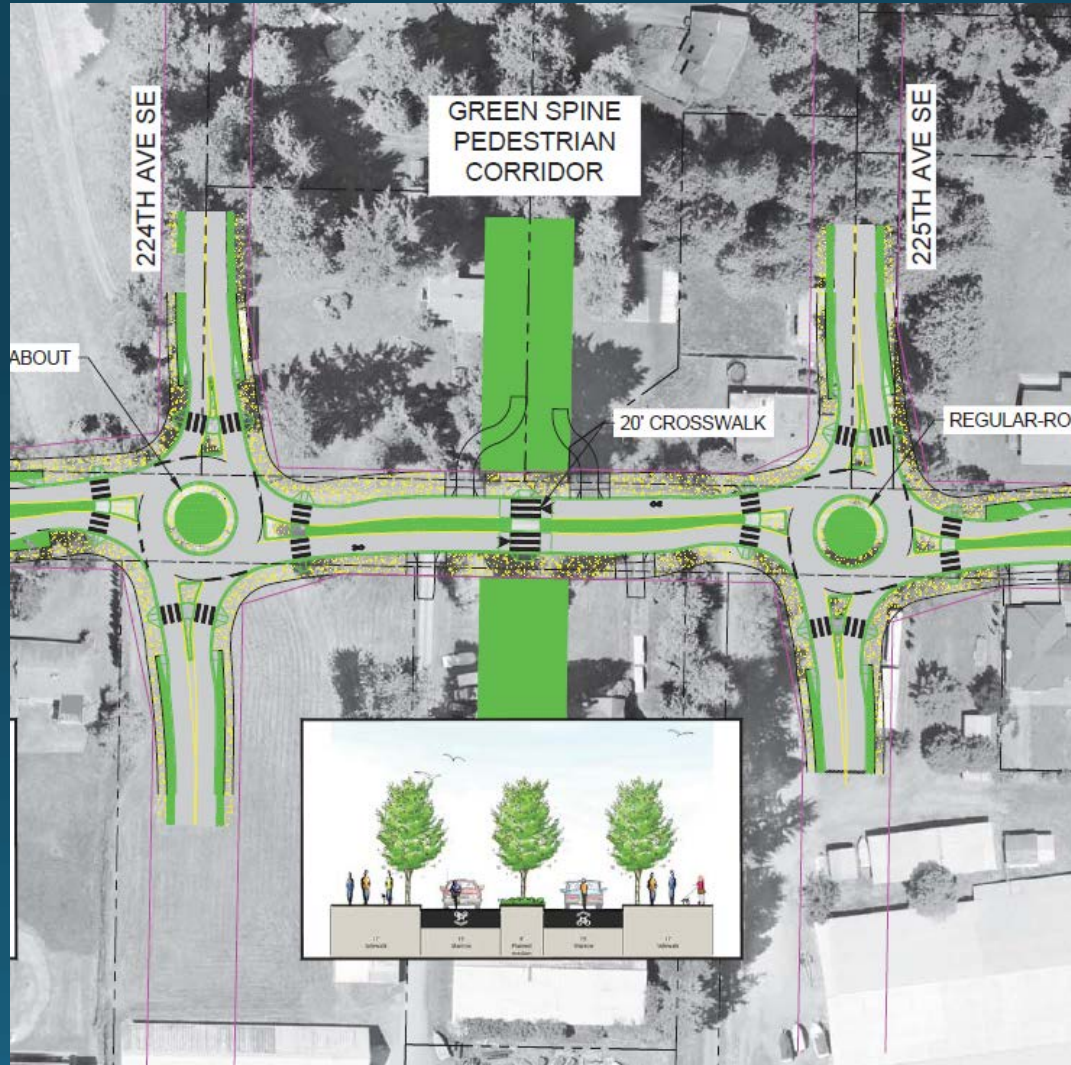
Will we lose our trees?



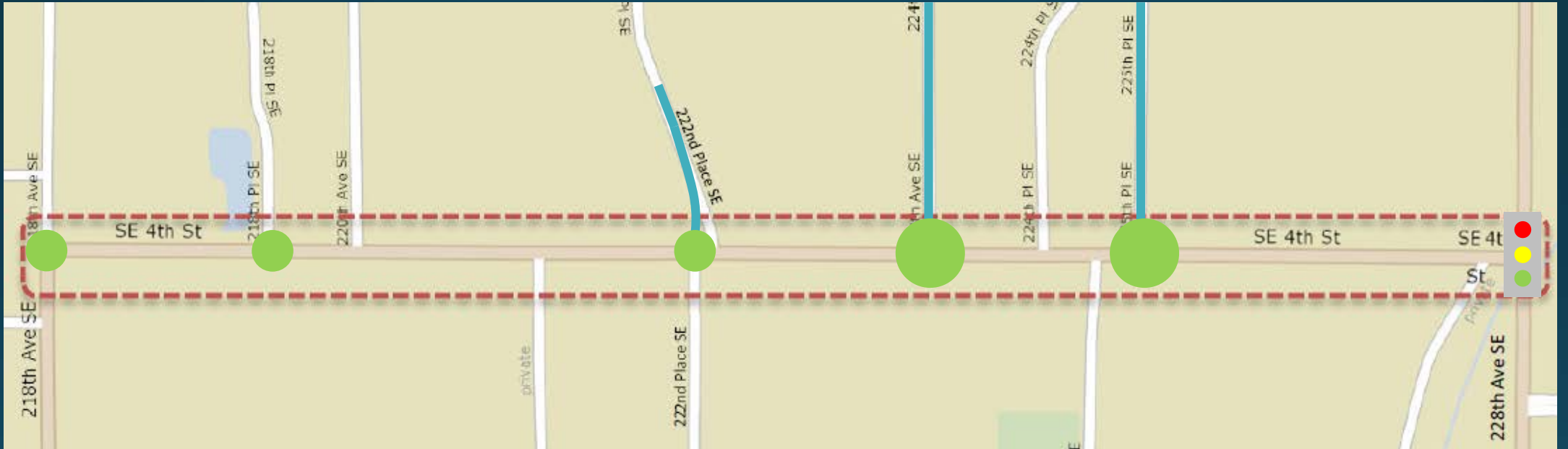
(-) Comments we heard

- The intersections are in the wrong place.
- Too many roundabouts.
- Roundabouts are too small.
- Center medians just get in the way.

224th and 225th are in the wrong place.



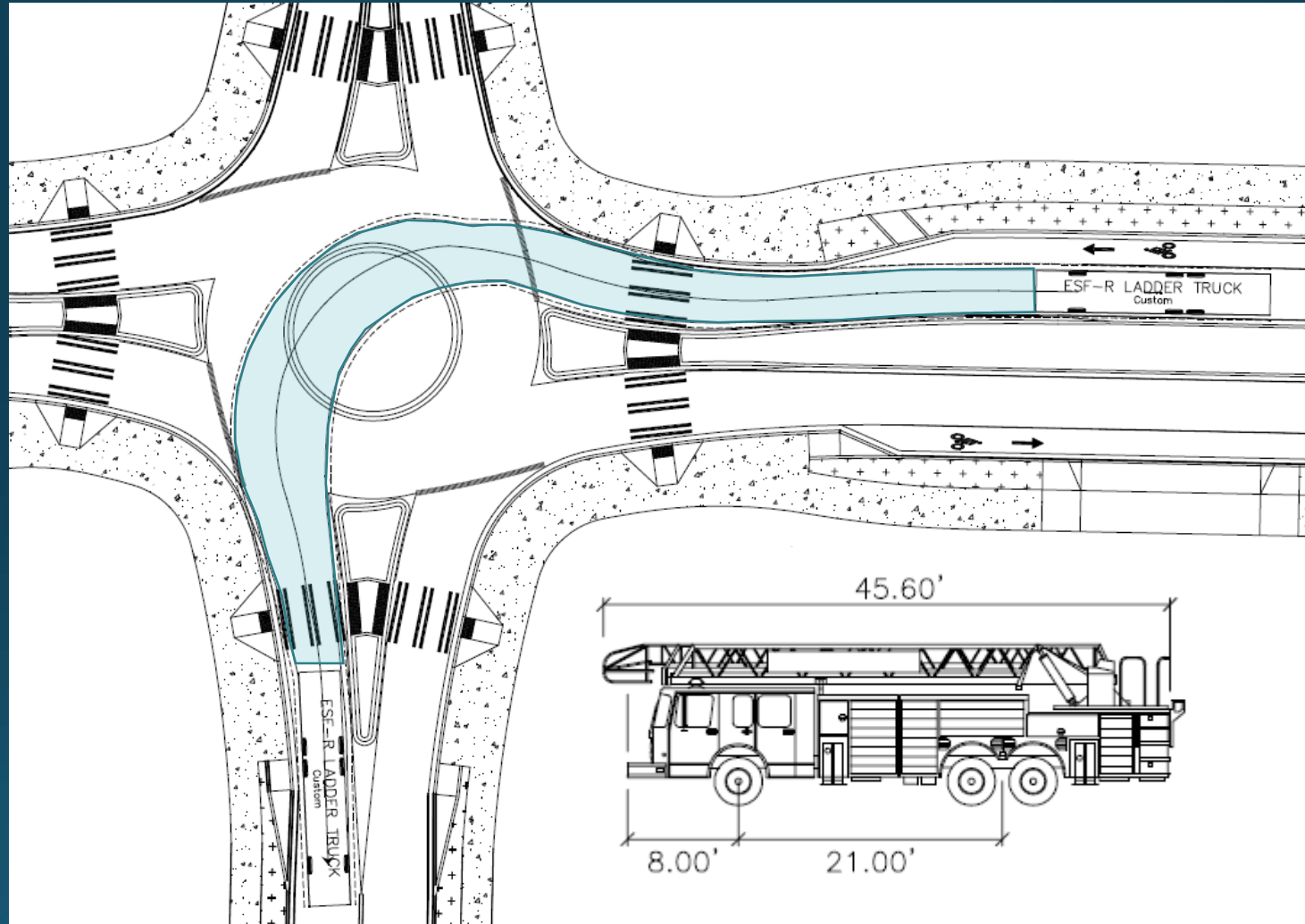
Too many roundabouts



Roundabouts are too small



Roundabouts are too small



Medians get in the way.



Cross Over Example



(+) Comments we heard

- Excited about sidewalks
- Liked the safety features of roadway –
 - Raised median
 - Roundabouts
 - Separate sidewalks
- Roundabouts provide locations for art.

SE 4th Current Project Cost Estimate

Item	Cost
30% Construction Estimate	(\$9,750,000)
Engineering Design	(\$1,000,000)
Engineering Construction	(\$1,000,000)
Right-of-way Costs (<i>Minimum</i>)	(\$1,500,000)
Estimated Project Cost	\$13,250,000

Does not include undergrounding the overhead utilities

*TIB requires funding certification by November 20, 2016

SE 4th Project Funding

Item	Cost
Estimated Project Cost	\$13,250,000
Project Funding	
TIB Grant	\$ 4,000,000
Traffic Impact Fees	\$ 6,909,900
Stormwater Capital Funds	\$ 1,500,000
Other Transportation Capital Funds	\$ 840,100
Total Project Funding	\$13,250,000

Does not include undergrounding the overhead utilities

*TIB requires full funding certification by November 20, 2016

Project Timeline

Process	Dates
Design	Winter 2015 to Summer 2016
Right-of-Way Acquisition	Winter 2016 to Summer 2016
Constructions	Fall 2016 to Winter 2017

Project Issues

- Corridor Concept
- Right-of-way acquisition (Intersections & Stormwater)
- Undergrounding utilities in Town Center and Out of Town Center
- Street Lighting
- Right turn lane now or later at 228th Ave SE