

Regional Street Extensions

TABLE 7

Regional Street Extension Cost Estimates and Prioritization

Project ID	Project Description	Cost Estimate	Champion	Funding Source	Priority*
R30	Extend SW 124 th Avenue south – include a multi-use path on one or both sides per street standards	\$15,000,000 ¹²	City, City of Wilsonville, Washington County	Washington County MSTIP, TDT, LID	Short-term

* Short term = within 5 years, medium term = 5–10 years, long-term = 10 years or more

LID – local improvement district

MSTIP – Major Streets Transportation Improvement Program

TDT – Transportation Development Tax

Please note: the City considered possible north-south crossings of the Tualatin River both east and west of I-5 in its TSP development. In the end, the City decided that the impacts of these crossings to Tualatin and/or to its neighboring communities outweighed the forecasted benefits and therefore no new river crossings are recommended in this TSP.

Additional City Roadway Projects

Table 8 presents cost estimates and priorities for City roadway projects designed to address transportation deficiencies. Table 9 presents cost estimates for Regional roadway projects. These deficiencies include safety, congestion, and other community concerns. These projects are focused on improving localized issues, and intersection-specific upgrades to address safety and congestion concerns. Where traffic signals are recommended, traffic signal warrants would be conducted and the intersection would need to meet warrants before a signal is installed. Traffic warrant requirements are based on traffic volumes, pedestrian volumes, safety, and operation analyses. Figure 4 shows the projects geographically.

TABLE 8

City Roadway Project Cost Estimates and Prioritization

Project ID	Project Description	Cost Estimate	Champion	Funding Source	Priority*
R31	Add a traffic signal at SW Tualatin Road and SW 115 th Avenue	\$609,000 ¹³	City	TDT, LID, gas tax	Medium-term
R32	Remove some trees in the southwest corner of the intersection of SW Tualatin Road and SW 108 th Avenue to improve sight distance	\$8,000	City	TDT, LID, gas tax	Short-term
R33	Add a traffic signal at SW Tualatin Road and SW Teton Avenue	\$609,000 ¹⁴	City	TDT, LID, gas tax	Short-term
R34	Eliminate the free right turn at SW Tualatin Road at the intersection with SW Herman Road, and consider a roundabout at this location. (cost estimate is for roundabout as assumed to	\$1,631,000	City	TDT, LID, gas tax	Long-term

¹² From Washington County's ongoing 124th Avenue extension project.

¹³ See Project R33 for the cost estimate to a similar project.

¹⁴ See Project R33 for the cost estimate to a similar project.



TABLE 8
City Roadway Project Cost Estimates and Prioritization

Project ID	Project Description	Cost Estimate	Champion	Funding Source	Priority*
	be higher cost of the two options)				
R35	Add a traffic signal or roundabout at SW Sagert Street and SW Martinazzi Avenue	\$2,069,000 ¹⁵	City	TDT, LID, gas tax	Medium-term
R36	Add a southbound turn pocket from SW Teton Avenue to Avery Street	\$274,000	City	TDT, LID, gas tax	Medium-term
R37	Add a traffic signal at SW Avery Street and SW Teton Avenue	\$609,000	City	TDT, LID, gas tax	Medium-term
R38	Add signage to indicate that SW Tualatin Road is for local traffic, both along SW Tualatin Road and at either end (SW 124 th Avenue and SW Boones Ferry Road)	\$20,000	City	TDT, LID, gas tax	Short-term
R39	Add truck information signs along SW 105 th and 108 th Avenues. Install signs for no through trucks on SW 105 th and SW 108 th Avenues. Also places signs on SW Avery Street east and west of SW 105 th .	\$12,000	City	TDT, gas tax	Short-term
R40	Create a local street grid system on Urban Renewal Block 2 upon redevelopment with a connection opposite SW Seneca Street	\$2,307,000	City	TDT, gas tax, LID	Short-term
R41	Add bus pullouts on SW Boones Ferry Road at existing bus stops– 10 assumed at \$20,000 each	\$20,000 each	City	TDT, LID, gas tax, Travel Options	Medium-term

* Short term = within 5 years, medium term = 5–10 years, long-term = 10 years or more

LID – local improvement district

TDT – Transportation Development Tax

¹⁵ From Metro's *Regional Transportation Plan (RTP)* 2007. Estimate grown to 2012 dollars.

Regional Roadway Projects

TABLE 9

Regional Roadway Project Cost Estimates and Prioritization

Project ID	Project Description	Cost Estimate	Champion	Funding Source	Priority*
R42	Add an eastbound right-turn lane on SW Tualatin-Sherwood Road at SW Boones Ferry Road	\$792,000	City	TDT, gas tax	Medium-term
R43	Restripe the turn lanes to extend the southbound left turn pocket on SW Boones Ferry Road at SW Tualatin-Sherwood Road to accommodate more vehicles	\$8,000	City	TDT, LID, gas tax	Short-term
R44	Move the guardrail directly east of the I-5 southbound off-ramp to the north to improve sight distance for vehicles turning west off of I-5.	\$32,000	City, ODOT	TDT, gas tax	Short-term
R45	Add an additional on-ramp lane for vehicles traveling westbound on SW Nyberg Street to I-5 northbound (northeast quadrant of the Nyberg Interchange). Reduce the pedestrian island and improve illumination to enhance safety	\$1,071,000	City, ODOT	STIP: TE, TDT	Medium-term
R46	Add signage on the northbound off-ramp at Nyberg Interchange to discourage traffic getting off and then right back onto I-5	\$2,000	City, ODOT	STIP: TE, TDT	Medium-term
R47	Redesign SW Nyberg Street and Fred Meyer intersection and improve pedestrian crossing. Add pedestrian warning signs, and a concrete z-crossing on SW Nyberg Street with a pedestrian island. Optimize signal timing so it allows adequate time for pedestrian crossing while minimizing impacts on auto traffic.	\$156,000	City, ODOT, Washington County	TDT, LID, STIP: TE, Bicycle and Pedestrian Program	Medium-term
R48	Add a dedicated right-turn lane on SW Teton Avenue southbound onto SW Tualatin-Sherwood Road westbound	\$890,000	City, Washington County	TDT, LID, gas tax	Medium-term
R49	Add a right turn lane from westbound SW Tualatin-Sherwood Road to northbound SW 124 th Avenue	\$320,000	City, Washington County	Washington County MSTIP, TDT, LID	Medium-term
R50	Improve lane signage on SW Tualatin Sherwood Road west of the Nyberg interchange to help vehicles be in the correct lane before entering the interchange area	\$345,000	City, Washington County, ODOT	TDT, gas tax, STIP: TE	Short-term
R51	Add a signal at SW 65 th Avenue and SW Sagert Street	\$681,000	City, Washington County	TDT, LID, gas tax	Medium-term

* Short term = within 5 years, medium term = 5–10 years, long-term = 10 years or more

LID – local improvement district

MSTIP – Major Streets Transportation Improvement Program

STIP – Statewide Transportation Improvement Program

TDT – Transportation Development Tax

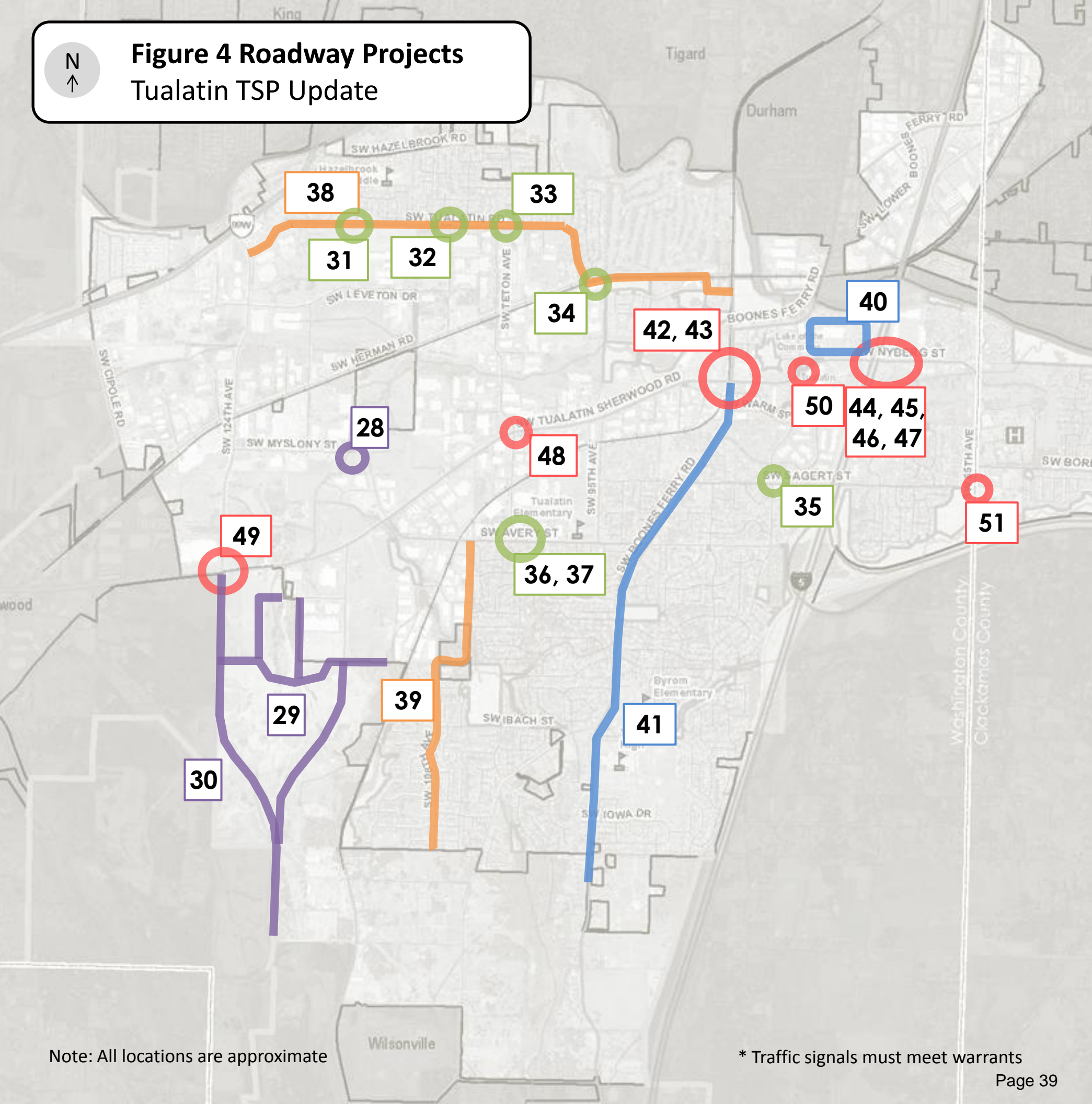
TE – Transportation Enhancement



Tualatin/I-5 Nyberg Interchange: I-5 Northbound Off-ramp At the Tualatin/I-5 Nyberg Interchange Northbound off-ramp, future traffic growth (2035) indicates a potential for backups into the deceleration portion of the ramp due to lack of storage space. The existing off-ramp structure has a horizontal curve which limits the ability to modify striping on the ramp in an effort to extend the deceleration section, especially in light of exiting freight vehicles. In addition, the off-ramp is adjacent to the I-205 interchange which limits the ability to extend the off-ramp length for additional storage. It is likely that a solution to this issue would require widening of the existing structure to provide safe and sufficient vehicle storage. This project is not included in the TSP at this time, However, ODOT will coordinate with the City of Tualatin to explore this project and the City will consider adding it to the TSP at a future date.

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Figure 4 Roadway Projects
Tualatin TSP Update



- New Streets and Street Extensions**
- 28 Connect SW Myslony Street to SW 112th Avenue
 - 29 Build the roadways from the SW Concept Plan
 - 30 Extend SW 124th Avenue south (Regional Project)

- City Intersection Improvements**
- 31 Add signal* at SW Tualatin Road and SW 115th Avenue
 - 32 Remove some trees at intersection of SW Tualatin Road and SW 108th Avenue to improve sight distance
 - 33 Add signal* at SW Tualatin Road and SW Teton Avenue
 - 34 Remove the free right turn at SW Tualatin Road at the intersection of SW Herman Road, consider a roundabout
 - 35 Add a signal* or roundabout at SW Sagert St and SW Martinazzi Ave
 - 36 Add a southbound turn pocket from SW Teton Avenue to Avery Street
 - 37 Add a signal* at SW Avery Street and SW Teton Avenue

- City Roadway Signs**
- 38 Add signage indicating that Tualatin Road is for local traffic
 - 39 Add truck info signs along 108th/105th Avenues to indicate that these roads are for local traffic

- City Roadway Changes**
- 40 Create a local street grid system on Urban Renewal Block 2 upon redevelopment with a connection to SW Seneca Street
 - 41 Add bus pullouts on SW Boones Ferry Road at existing bus stops where possible (this project is also shown on the transit figure)

- Regional Intersection Improvements**
- 42 Add an eastbound right turn lane on SW Tualatin-Sherwood Road at SW Boones Ferry Road
 - 43 Extend the southbound left turn pocket on SW Boones Ferry Road at SW Tualatin-Sherwood Road
 - 44 Move guardrail on southbound off ramp to improve sight distance
 - 45 Northbound I-5 on- ramp: reduce pedestrian island, add an additional lane
 - 46 Add signage at the northbound off ramp to discourage traffic getting off and then back onto I-5
 - 47 Redesign SW Nyberg Street and Fred Meyer intersection and improve pedestrian crossing, add striping and a pedestrian island
 - 48 Add a dedicated right turn lane on southbound SW Teton Avenue and SW Tualatin-Sherwood Road
 - 49 Add a right turn lane from westbound SW Tualatin-Sherwood Road to northbound SW 124th Avenue
 - 50 Improve lane signage west of the Nyberg interchange to indicate lanes passing through the interchange area
 - 51 Add signal* at SW 65th Avenue and SW Sagert Street