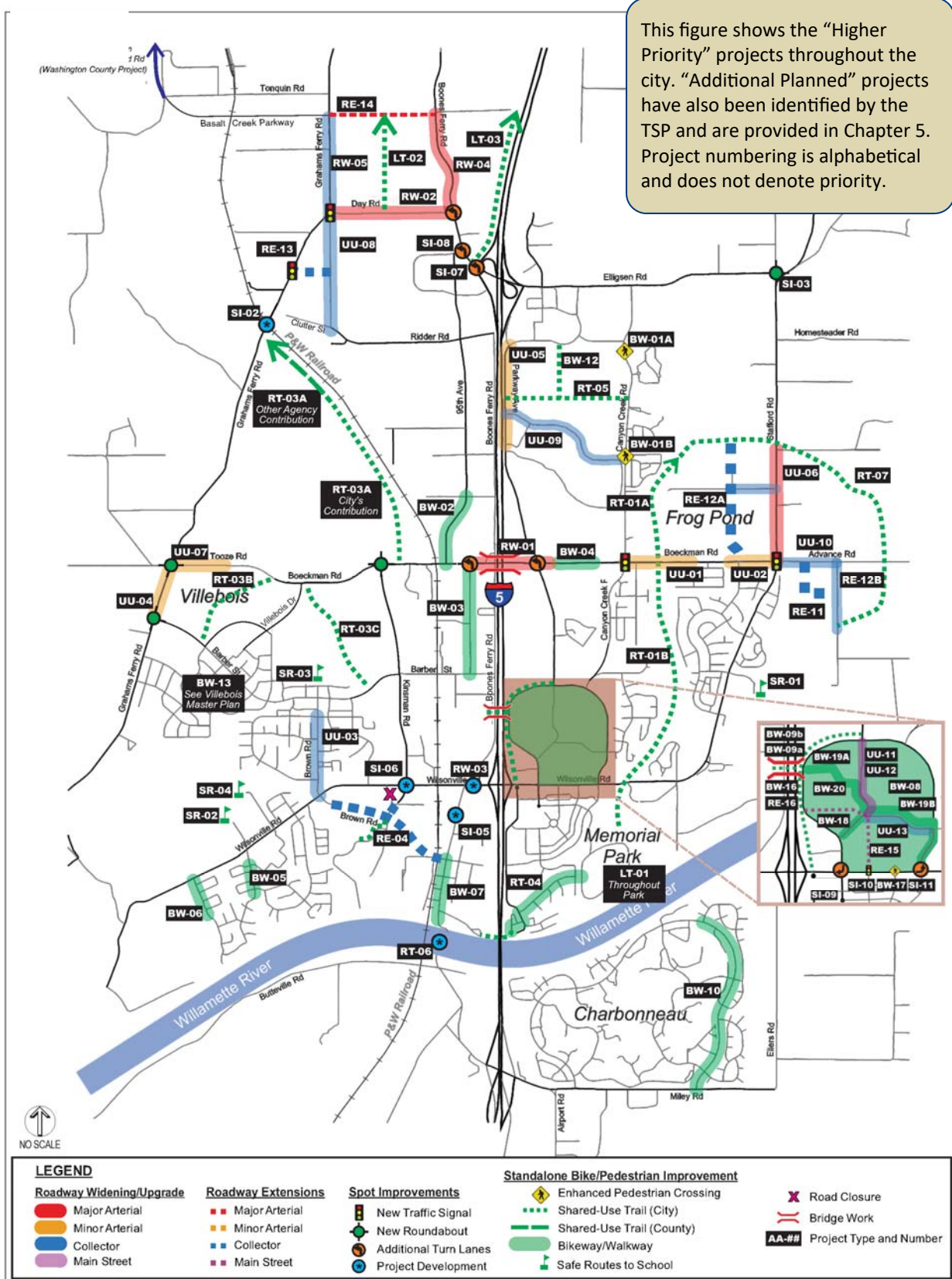


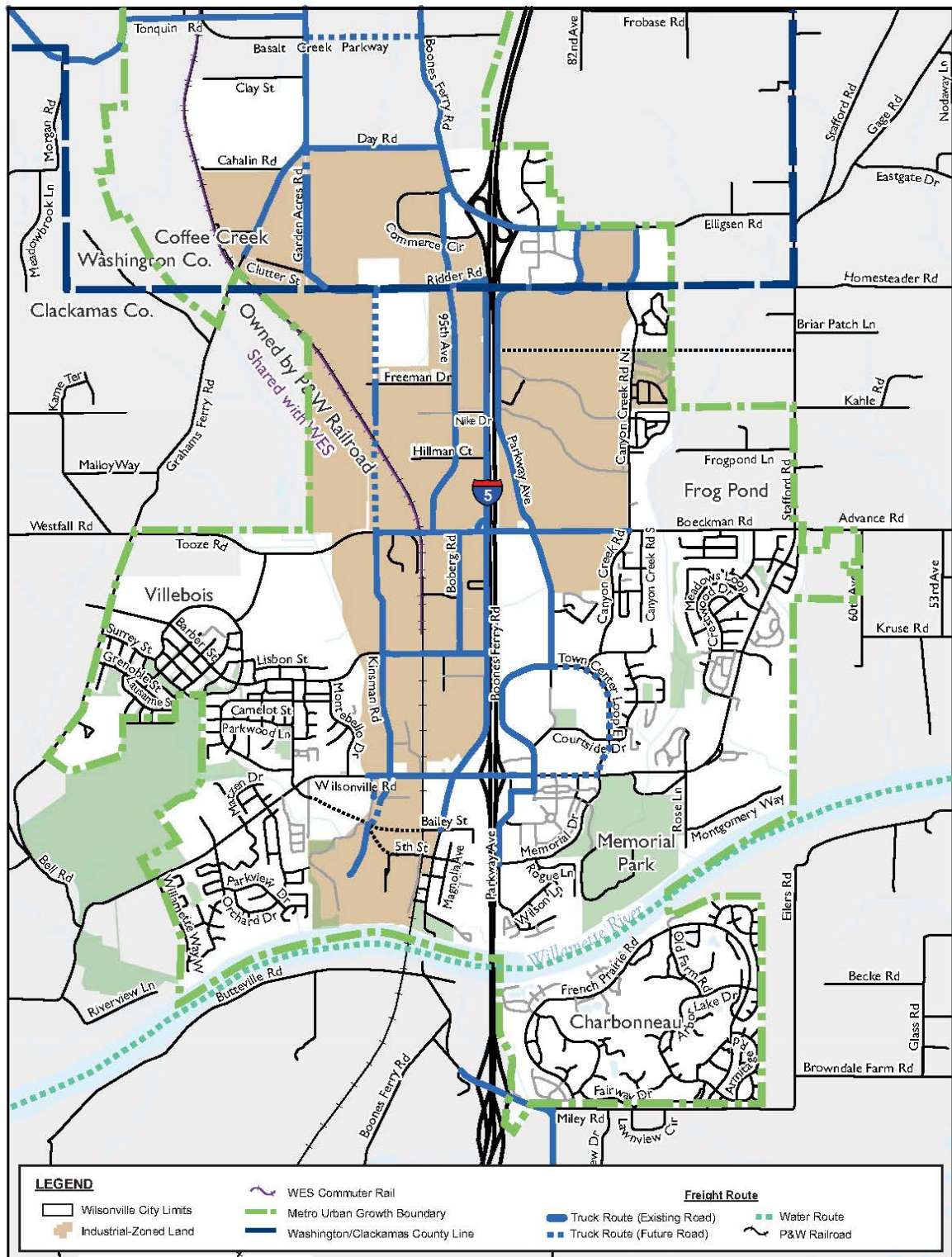
## HIGHER PRIORITY PROJECTS



## HIGHER PRIORITY PROJECTS (LISTED ALPHABETICALLY BY IMPROVEMENT)

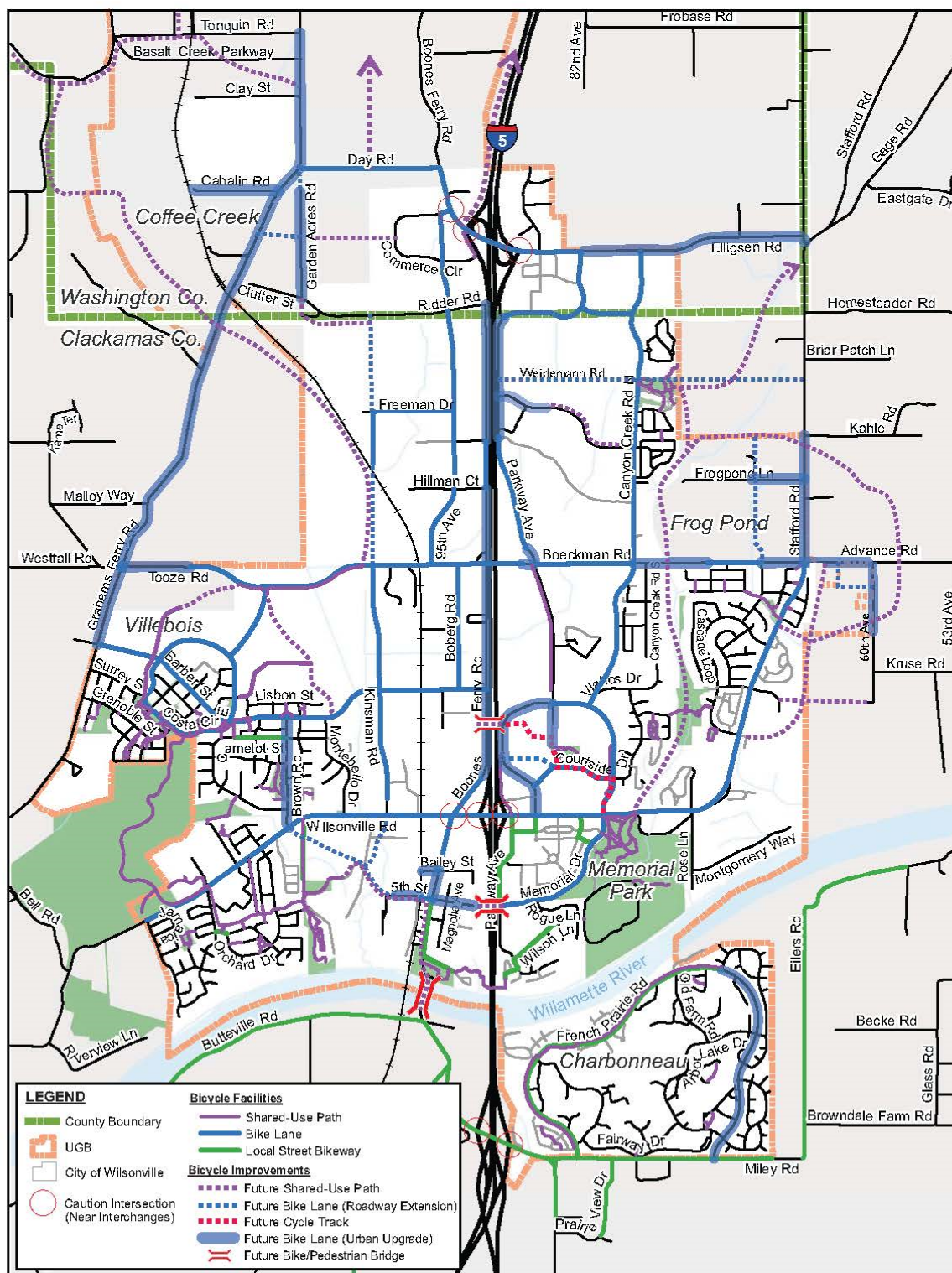
No.	Higher Priority Project
<b>Roadway Extensions (Multimodal Connectivity)</b>	
RE-04A	Corridor Study for Brown Road Extension
RE-04B	Brown Road Extension (5th Street Connection)
RE-13	Java Road Connection and Signal
RE-11	Meridian Creek Middle School Site Improvements
RE-12A	Frog Pond West Neighborhood Collector Roads
RE-12B	Frog Pond South Neighborhood Collector Roads
RE-14	Basalt Creek Parkway Connection
RE-15	Park Place Extension
RE-16	Courtside Drive Extension
<b>Roadway Widening (Capacity)</b>	
RW-01	Boeckman Road Bridge and Corridor Improvements
RW-02	Day Road Widening
RW-03	Widen Wilsonville Road East of Boones Ferry Road
RW-04	Boones Ferry Road Widening
RW-05	Grahams Ferry Road Widening
<b>Urban Upgrades (Multimodal Connectivity and Safety)</b>	
UU-01	Boeckman Road Dip Improvements
UU-02	Boeckman Road Urban Upgrade
UU-03	Brown Road Upgrades
UU-04	Grahams Ferry Urban Upgrade
UU-05	Parkway Avenue Urban Upgrade
UU-06	Stafford Road Urban Upgrade
UU-07	Tooze Road Urban Upgrade
UU-08	Garden Acres Road Urban Upgrade
UU-09	Printer Parkway Urban Upgrade
UU-10	Advance Road Urban Upgrade
UU-11	Park Place Redesign
UU-12	Park Place at Town Center Redesign
UU-13	Courtside Drive Upgrades
<b>Spot Improvements (Transportation System Management/Operations)</b>	
SI-02	Grahams Ferry Railroad Undercrossing Project Development
SI-03	Stafford Road/65th Avenue Intersection Improvements
SI-05	Curb Extension Removal on Boones Ferry Road
SI-06	Truck Turning Improvements SW Kinsman Road
SI-07	Dual Southbound Right Turn Lanes on I-5 Off-Ramp at Boones Ferry Road
SI-08	Boones Ferry Road/95th Avenue Access Management
SI-09	Wilsonville Road/Town Center Loop West Turn Lane Removal
SI-10	Wilsonville Road/Park Place Traffic Signal
SI-11	Wilsonville Road/Town Center Loop East Dual Turn Lanes
<b>Bikeways and Walkways (Standalone Pedestrian and Bicycle Improvements)</b>	
BW-01 A/B	Canyon Creek Road Enhanced Pedestrian Crossings
BW-02	95th Avenue Sidewalk Infill

No.	Higher Priority Project
<b>Bikeways and Walkways (Standalone Pedestrian and Bicycle Improvements) . . . Continued</b>	
BW-03	Boberg Road Sidewalk Infill
BW-04	Boeckman Road Bike Lanes and Sidewalk Infill
BW-05	Willamette Way East Sidewalk Infill
BW-06	Willamette Way West Sidewalk Infill
BW-07	Boones Ferry Road Sharrows
BW-08	Town Center Loop Pedestrian, Bicycle, and Transit Improvements
BW-09a	I-5 Bike/Pedestrian Bridge
BW-09b	I-5 Bike/Pedestrian Bridge Gateway Treatments
BW-10	French Prairie Drive Pathway
BW-12	Parkway Center Trail Connector
BW-13	Villebois Loop Trail
BW-14	Wayfinding Signage
BW-15	Property Acquisitions for Bike/Ped Connectivity
BW-16	Town Center Loop West Bicycle Lanes
BW-17	Wilsonville Road/Rebekah Street Enhanced Pedestrian Crossing
BW-18	Park Place Promenade
BW-19a	Cycle Track: Ped/Bike Bridge to Town Center Park
BW-19b	Cycle Track: Town Center Loop East
BW-20	West Promenade
<b>Safe Routes to School (Standalone Pedestrian and Bicycle Improvements)</b>	
SR-01	Boeckman Creek Primary Safe Routes to School Improvements
SR-02	Boones Ferry Primary Safe Routes to School Improvements
SR-03	Lowrie Primary Safe Routes to School Improvements
SR-04	Wood Middle School Safe Routes to School Improvements
<b>Local Trails (Standalone Pedestrian and Bicycle Improvements)</b>	
LT-01	Memorial Park Trail Improvements
LT-02	Basalt Creek Canyon Ridge Trail
LT-03	I-5 Easement Trail
<b>Regional Trails (Standalone Pedestrian and Bicycle Improvements/Safety)</b>	
RT-01A	Boeckman Creek Trail (North)
RT-01B	Boeckman Creek Trail (South)
RT-03A	Tonquin Trail (North)
RT-03B/C	Tonquin Trail (Villebois)
RT-04	Waterfront Trail Improvements
RT-05	Wiedemann Road Trail
RT-06	Willamette River Bike/Pedestrian/Emergency Bridge Project Dev.
RT-07	Revised Frog Pond Regional Trail
<b>Transit Improvements</b>	
TI-01	Pedestrian Access to Transit
TI-02	Transit Street Improvements

**FIGURE 3-4. FREIGHT ROUTES**



### FIGURE 3-5. BICYCLE ROUTES



## STREET CROSS-SECTION DESIGN

Since different streets serve different purposes, a functional classification system—which is a hierarchy of street designations—provides a framework for identifying the size and type of various street elements to consider including in a street's design. Not all elements are included on all streets and so they must be carefully selected based on multimodal needs.

While a street's functional classification does not dictate which street elements to include, it does facilitate the selection of multimodal facilities and widths that will help ensure the roadway can meet its intended multimodal function. Adjacent land uses and available right-of-way width also influence which elements are included in a specific segment.

Roadway cross-section design elements include travel lanes, curbs, planter strips, sidewalks on both sides of the road, and bicycle facilities consistent with designated bikeways, walkways, and shared-use trails. Low impact development (LID) standards may also be used throughout the City at the City's discretion.

### FACILITY TYPES

Cross-section standards are provided for the following facilities:

- Major Arterials
- Minor Arterials
- Collectors
- Local Streets
- Low Impact Development (LID) Local Streets (similar modifications may be made to other streets regardless of classification)
- Shared-Use Paths and Trails
- Bicycle Facility Design Options
- Town Center Area



*Example of a Major Arterial - Boeckman Road looking west towards Boberg Road and 95th Avenue*

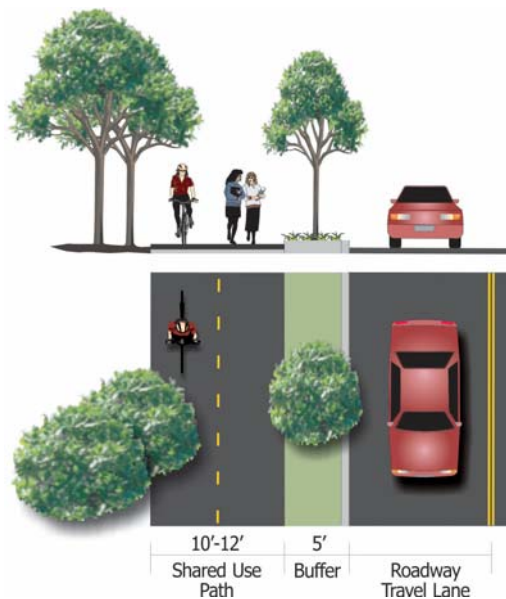
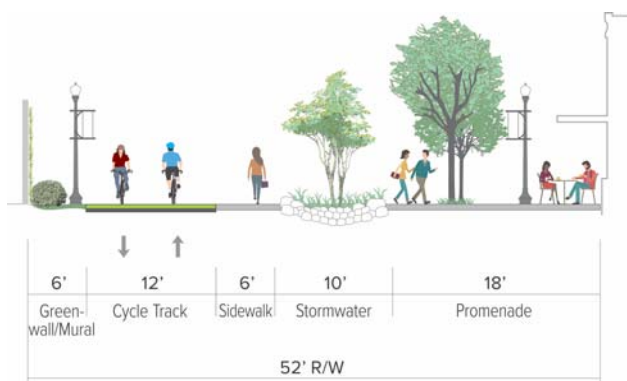


*Example of a Collector - Barber Street looking east near SMART Central at Wilsonville Station transit center*



*Example of a Local Street - Rogue Lane looking east near Memorial Park*



**FIGURE 3-11. SHARED-USE PATH AND TRAIL CROSS-SECTIONS****SHARED-USE PATH****SHARED-USE PATH  
ADJACENT TO ROADWAY****NATURE TRAIL****PROMENADE****Notes:**

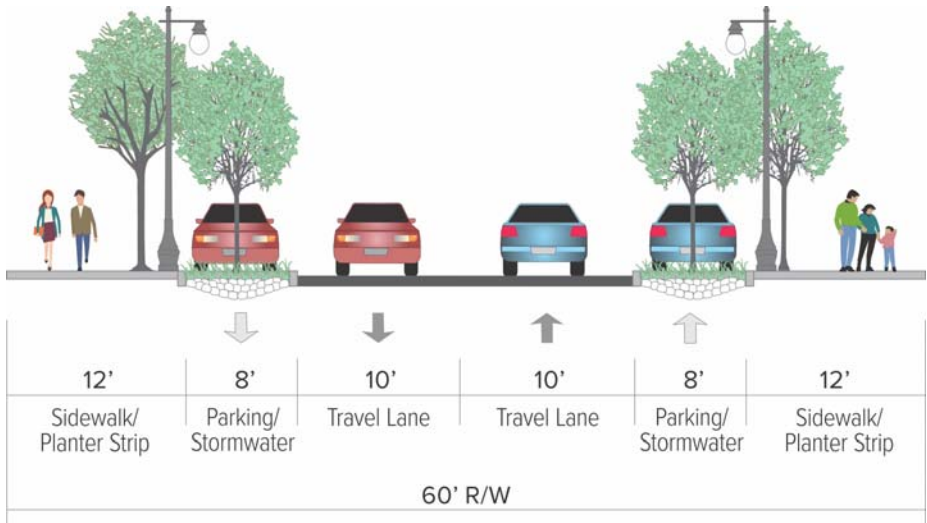
1. Trail types and widths as approved by Community Development Director.
2. Typical cross section of shared-use path is 12 feet wide with 2-foot-wide compacted crushed stone shoulders.
3. Vertical separation between shared-use path and roadway may be used instead of 5' buffer as approved by Community Development Director.
4. Cross-section standards identified in the Ice Age Tonquin Trail Master Plan are required along the Ice Age Tonquin Trail.
5. Additional design standards are available in the Bicycle and Pedestrian Master Plan.

FIGURE 3-13. TOWN CENTER PLAN CROSS-SECTIONS

TOWN CENTER PLAN

The Town Center Plan includes some unique cross section standards for some of the new roadway extensions and upgrades to existing roadways. These cross sections include wider sidewalks and bicycle facilities to accommodate safer and increased multimodal access and connectivity within the Town Center. For any development in the Town Center Area, please reference the Town Center Plan (2019) for additional cross sections.

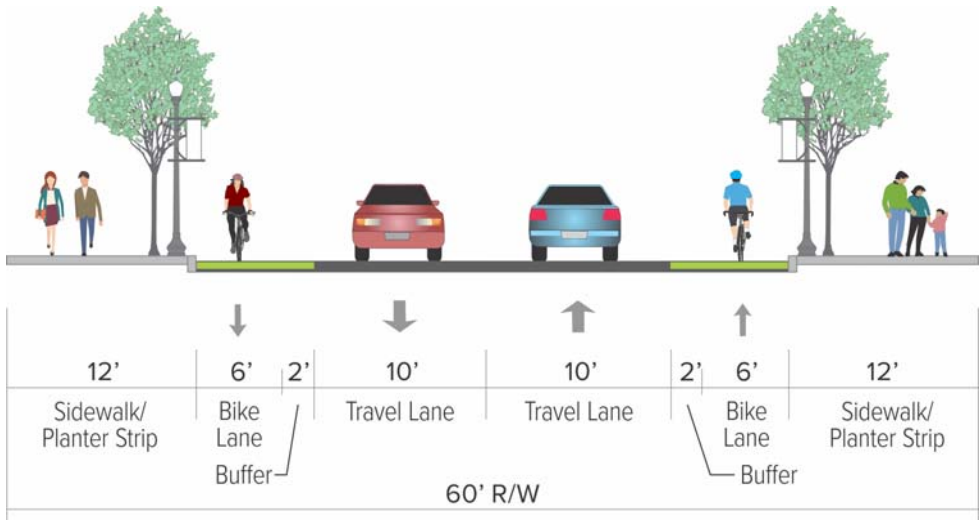
PARK PLACE EXTENSION (RE-15)

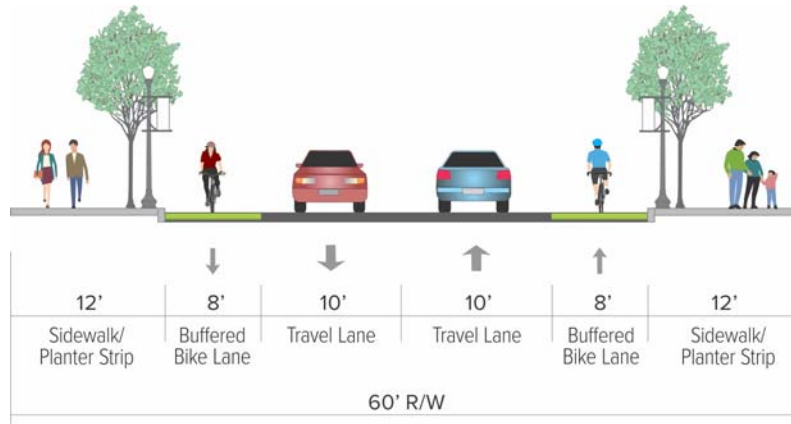
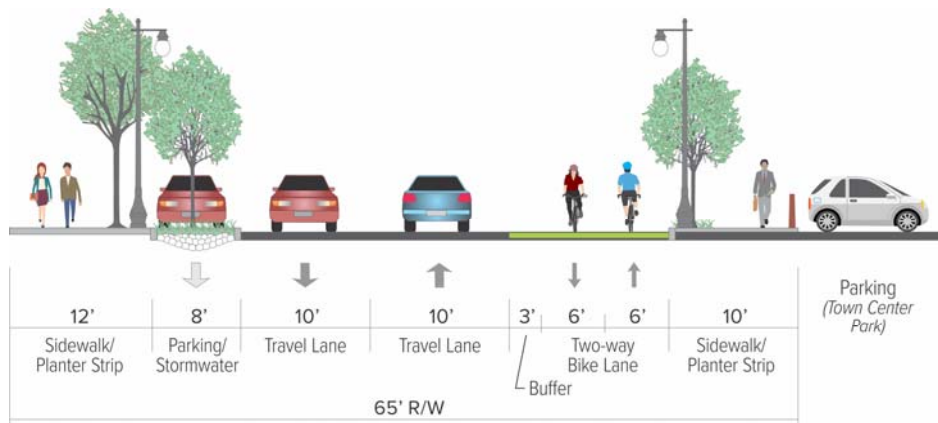
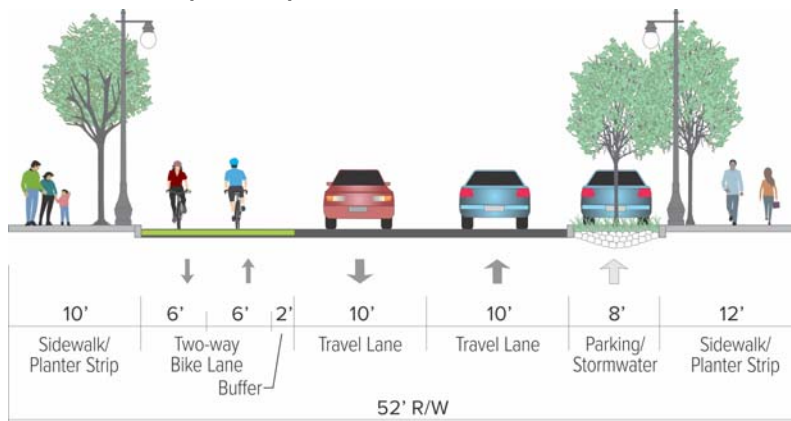


Notes:

- 1. Install a 12-foot wide left turn pocket at major intersections (e.g. Wilsonville Road)

COURTSIDE DRIVE EXTENSION (RE-16)

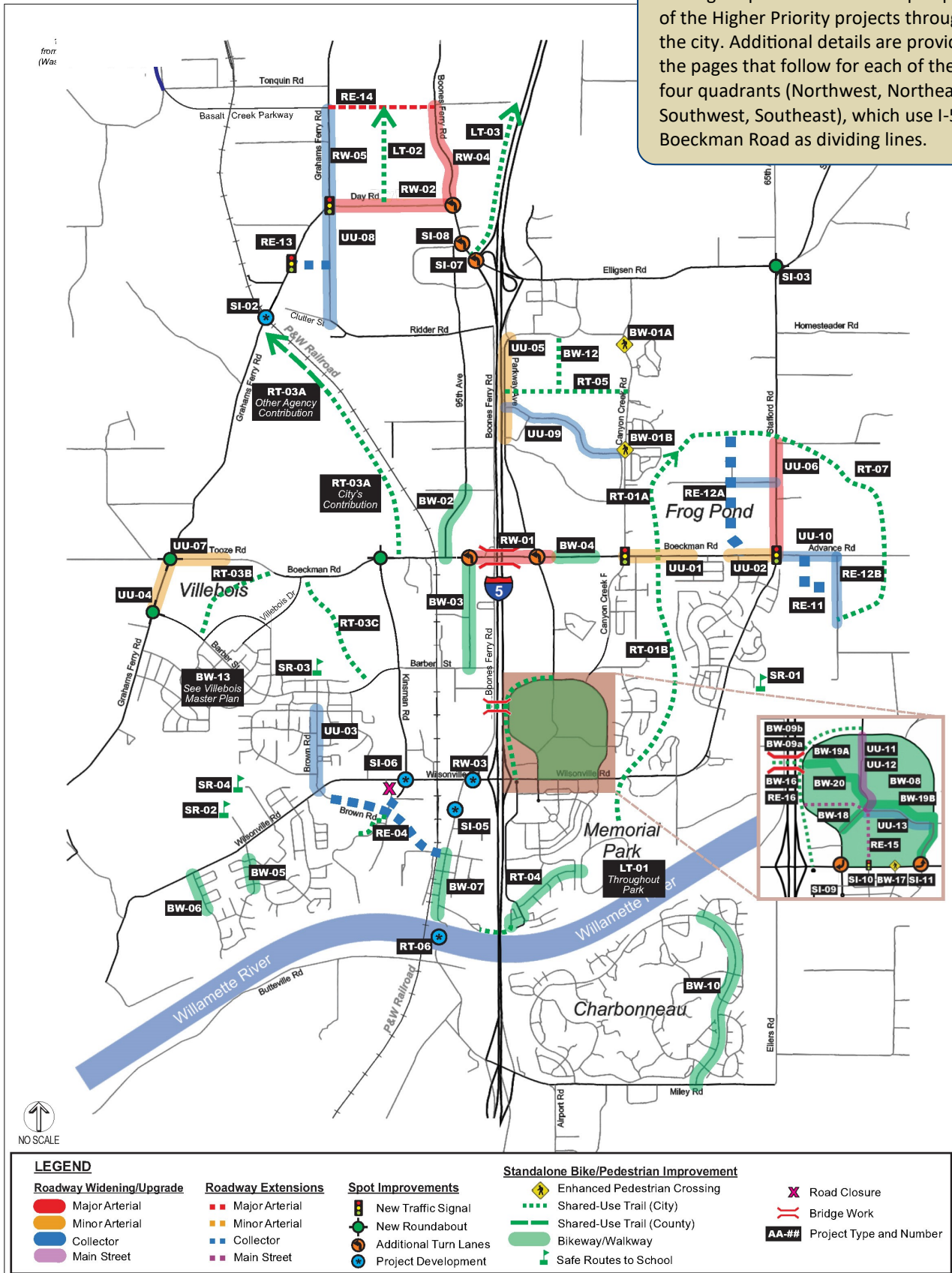


**FIGURE 3-13. TOWN CENTER PLAN CROSS-SECTIONS (CONT.)****PARK PLACE REDESIGN (UU-11)****PARK PLACE AT TOWN CENTER REDESIGN (UU-12)****COURTSIDE DRIVE UPGRADE (UU-13)**



**FIGURE 5-2. HIGHER PRIORITY PROJECTS**

This figure provides an overall perspective of the Higher Priority projects throughout the city. Additional details are provided on the pages that follow for each of the City's four quadrants (Northwest, Northeast, Southwest, Southeast), which use I-5 and Boeckman Road as dividing lines.



**Table 5-5. Higher Priority Projects (Southeast Quadrant)**

Project		Description	Cost
<b>Roadway Extensions</b>			
RE-15	Park Place Extension	Construct an extension of Park Place from Courtside Drive to Wilsonville Road as a new main street with two travel lanes, parking, and sidewalks on both sides (see Figure 3-13). This extension will create a new signalized intersection at Wilsonville Road (SI-10)	\$6,300,000
RE-16	Courtside Drive Extension	Construct an extension of Courtside Drive from Park Place to Town Center Loop West as a new main street with two travel lanes, buffered bike lanes, and sidewalks (see Figure 3-13).	\$6,600,000
<b>Urban Upgrades</b>			
UU-11	Park Place Redesign	Upgrade Park Place between Town Center Loop and northern edge of Town Center Park to meet the cross-section standard in Figure 3-13, which includes two-travel lanes with buffered bike lanes and sidewalks	\$4,400,000
UU-12	Park Place at Town Center Park Redesign	Upgrade Park Place between the northern edge of Town Center Park to Courtside Drive to meet the cross-section standard in Figure 3-13, which includes the installation of two-lane curb-less street with on street parking, a two-way buffered cycle track, and sidewalks.	\$3,700,000
UU-13	Courtside Drive Upgrades	Upgrade Courtside Drive between Town Center Loop East and Park Place to meet the cross-section standard in Figure 3-13, which includes the addition of a buffered two-way cycle track and parking on the south side of Courtside Drive.	\$7,900,000
<b>Spot Improvements</b>			
SI-09	Wilsonville Road/ Town Center Loop West Turn Lane Removal	Modify the existing signal to eliminate eastbound and westbound left turns, add a landscaped median to the west leg, and add a crosswalk to the west side of the intersection with a median refuge island. This project should include a “trap lane” to mitigate queuing into the ramp terminal intersection unless at the time of construction a 20-year analysis demonstrates that it is not needed or if alternative mitigation is identified that that has similar or better results.	\$750,000
SI-10	Wilsonville Road/Park Place New Traffic Signal	Modify the intersection to add left turn lanes on Wilsonville Road and install a traffic signal that allows all turning movements. To be installed in conjunction with SI-09 and RE-15. The project should include signal coordination with dump loop sensors unless at the time of construction a 20-year analysis demonstrates that the sensors and signal coordination in the corridor is not needed or if alternative mitigation is identified that that has similar or better results. Both projects SI-09 and SI-10 should be implemented simultaneously.	\$1,500,000
SI-11	Wilsonville Road/ Town Center Loop East Dual Left Turn Lanes	Modify the existing traffic signal to include dual eastbound left turn lanes and modify the north leg to have dual receiving lanes. Removed eastbound and southbound dedicated right turn lanes to accommodate added lanes	\$1,500,000
<b>Standalone Pedestrian and Bicycle Improvements (Bikeways and Walkways)</b>			
BW-08	Town Center Loop Pedestrian, Bicycle, and Transit Improvements	Create more direct connections between destinations within Town Center area, improve accessibility to civic uses and transit stops, retrofit sidewalks with curb ramps, highlight crosswalks with colored pavement, and construct other similar treatments that support pedestrian, bicycle, and transit access and circulation; also construct shared-use path along Town Center Loop West from Wilsonville Road to Parkway Avenue.	\$500,000

**Table 5-5. Higher Priority Projects (Southeast Quadrant) - Cont.**

Project		Description	Cost
BW-09a	I-5 Bike/Pedestrian Bridge	Construct Bike/Pedestrian Bridge over I-5 approximately aligned with Barber Street to improve connectivity of Town Center area with businesses and neighborhoods on west side of I-5; include aesthetic design treatments.	\$4,000,000
BW-09b	I-5 Bike/Pedestrian Bridge Gateway Treatments	Install architectural elements, seating, landscaping, and wayfinding/directional signage at the gateway of the I-5 Pedestrian/Bicycle bridge.	\$1,500,000
BW-10	French Prairie Drive Pathway	Construct 10-foot wide shared-use path along French Prairie Drive from Country View Lane to Miley Road or reconfigure existing roadway to remove a travel lane in each direction and add bicycle and pedestrian facilities.	\$1,140,000
BW-16	Town Center Loop Bike Lanes	Reduce the number of travel lanes on Town Center Loop West between Parkway Avenue and Wilsonville Road to three lanes and restripe the outside lanes for bicycle lanes.	\$207,000
BW-17	Wilsonville/Rebekah Enhanced Pedestrian Crossing	Remove the existing traffic signal and restrict minor street turning movements to right-in, right-out only. Install activated flashers for pedestrian and bicycle crossings of Wilsonville Road.	\$500,000
BW-18	Park Place Promenade	Convert the existing segment of Park Place between Courtside Drive and Town Center Loop West from a motor vehicle route to pedestrian/bicycle facilities only. Construct a promenade that includes a cycle track and wide walkway for pedestrians.	\$2,400,000
BW-19a	Cycle Track: Ped/Bike bridge to Town Center Park	Install a two-way cycle track connecting the I-5 ped/bike bridgehead to Park Place near Town Center Park. This segment would likely require purchasing right-of-way or could be combined with future redevelopment of the Fry's site.	\$75,000
BW-19b	Cycle Track: Town Center Loop East	Install a two-way cycle track on the east side of Town Center Loop East from Courtside Drive to Wilsonville Road. This project would not likely be implemented until after SI-11 has been completed.	\$51,000
BW-20	Promenade Framework Improvements	Install a promenade along the proposed cycle track that connects the I-5 Pedestrian/Bicycle Bridge to Park Place.	\$1,800,000
<b>Standalone Pedestrian and Bicycle Improvements (Safe Routes to School)</b>			
SR-01	Boeckman Creek Primary Safe Routes to School Improvements	Construct a bicycle parking shelter near the school and a new 10 to 12-foot bike path on the south side of the existing sidewalk that meanders south of the tree line and connects to the existing marked crosswalk near the school parking lot	\$65,000
<b>Standalone Pedestrian and Bicycle Improvements (Local Trails)</b>			
LT-01	Memorial Park Trail Improvements	Construct trails throughout Memorial Park, including the Memorial Park Center Loop Trail, the River Trail, Kolbe Homestead Trail, and Klein Homestead Trail	\$595,000
<b>Standalone Pedestrian and Bicycle Improvements (Regional Trails)</b>			
RT-01B	Boeckman Creek Trail (South)	Construct north-south trail through east Wilsonville following Boeckman Creek, with connections to neighborhoods, parks, and intersecting roads (may need a boardwalk for various sections and would require a comprehensive public process)	\$1,150,000 (Partial Regional funding)
RT-04	Waterfront Trail Improvements	Improve the condition of the shared-use path as it passes underneath the I-5 Boone Bridge by removing the Jersey barriers, installing bollards, widening the trail, adding appropriate pedestrian features such as benches and lighting, and altering the grade of the path underneath the underpass to make it more easily accessible	\$125,000



**FIGURE 5-6. HIGHER PRIORITY PROJECTS (SOUTHEAST QUADRANT)**