



Shelton City Council
Study Session Agenda
May 23, 2023 – 6:00 p.m.
Civic Center & Virtual Platform

A. Call to Order

B. Roll Call

C. Study Agenda

1. Street Trees-Downtown Corridor – Presented by Public Works Director Jay Harris

D. New Items for Discussion

E. Adjourn



2023 Looking Ahead

(Items and dates are subject to change)

<p>Tues. 6/6 6:00 p.m.</p>	<p>Regular Meeting</p>	<p>Consent Agenda</p> <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes Presentation • Pride Month Proclamation <p>Business Agenda</p> <ul style="list-style-type: none"> • Public Hearing Ordinance No. 2002-0423 2023 Budget Supplemental • Resolution No. 1272-0523 Intent to Vacate 5th St. – Grove St. to Cota St. • Public Hearing Ordinance No. 2003-0523 Adoption of 2021 International Fire Code • Public Hearing Ordinance No. 2004-0523 Adoption of 2021 International Building Code • Public Hearing Ordinance No. 2005-0523 Meadows Edge Annexation Request • Public Hearing Ordinance No. 2007-0523 Park Regulations <p>Action Agenda</p> <ul style="list-style-type: none"> • Administration Report 	<p>Packet Items Due: 5/26 @ 5:00 p.m.</p>
<p>Tues. 6/13 6:00 p.m.</p>	<p>Study Session</p>	<p>Study Agenda</p> <ul style="list-style-type: none"> • Financial Sustainability Task Force Report 	<p>Packet Items Due: 6/9 @ noon</p>
<p>Tues. 6/20 5:45 p.m.</p>	<p>SMPD Meeting</p>	<p>Consent Agenda</p> <ul style="list-style-type: none"> • Vouchers/Meeting Minutes <p>Business Agenda</p> <ul style="list-style-type: none"> • <p>Action Agenda</p> <ul style="list-style-type: none"> • <p>Administration Report</p> <ul style="list-style-type: none"> • 	<p>Packet Items Due: 6/9 @ 5:00 p.m.</p>
<p>Tues. 6/20 6:00 p.m.</p>	<p>Regular Meeting</p>	<p>Consent Agenda</p> <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes Presentation • April Financial Status Report • Transportation Benefit District Annual Report <p>Business Agenda</p> <ul style="list-style-type: none"> • Civic Center Parking Lot Final Acceptance <p>Action Agenda</p> <ul style="list-style-type: none"> • Ordinance No. 2002-0423 2023 Budget Supplemental • Resolution No. 1272-0523 Intent to Vacate 5th St. – Grove St. to Cota St. 	<p>Packet Items Due: 6/9 @ 5:00 p.m.</p>

		<ul style="list-style-type: none"> • Ordinance No. 2003-0523 Adoption of 2021 International Fire Code • Ordinance No. 2004-0523 Adoption of 2021 International Building Code • Ordinance No. 2005-0523 Meadows Edge Annexation Request • Ordinance No. 2007-0523 Park Regulations • Traffic Box Wrap Project Administration Report •	
Tues. 6/27 6:00 p.m.	Study Session	Study Agenda <ul style="list-style-type: none"> • Engineering Street Standards Update Discussion 	Packet Items Due: 6/23 @ noon
Tues. 7/4	Regular Meeting	HOLIDAY – Postponed until 7/11	N/A
Tues. 7/11 6:00 p.m.	Regular Meeting	Consent Agenda <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes Presentation • Business Agenda <ul style="list-style-type: none"> • ILA Amendment – CMFE • Public Hearing Ordinance No. 2006-0523 Intent to Vacate 5th St. – Grove St. to Cota St. Action Agenda <ul style="list-style-type: none"> • Civic Center Parking Lot Final Acceptance Administration Report •	Packet Items Due: 6/30 @ 5:00 p.m.
Tues. 7/18 6:00 p.m.	Regular Meeting	Consent Agenda <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes Presentation • May Financial Status Report Business Agenda <ul style="list-style-type: none"> • Action Agenda <ul style="list-style-type: none"> • ILA Amendment – CMFE • Ordinance No. 2006-0523 Intent to Vacate 5th St. – Grove St. to Cota St. Administration Report •	Packet Items Due: 7/7 @ 5:00 p.m.
Tues. 7/25 6:00 p.m.	Study Session	Study Agenda	Packet Items Due: 7/21 @ noon
Tues. 8/1 6:00 p.m.	Regular Meeting	Consent Agenda <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes Presentation • Business Agenda <ul style="list-style-type: none"> • Action Agenda <ul style="list-style-type: none"> • Administration Report •	Packet Items Due: 7/21 @ 5:00 p.m.

Tues. 8/8 6:00 p.m.	Study Session	Study Agenda	Packet Items Due: 8/4 @ noon
Tues. 8/15 6:00 p.m.	Regular Meeting	Consent Agenda <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes Presentation • Business Agenda • Action Agenda • Administration Report • 	Packet Items Due: 8/4 @ 5:00 p.m.
Tues. 8/22 6:00 p.m.	Study Session	Study Agenda	Packet Items Due: 8/18 @ noon

Other – TBD

- Water and Sewer Fee Schedule Revisions (Ordinance removing rates from SMC)
- Public Hearing Ordinance No. 1990-0522 Amending SMC 17.12
- FCS Group Preliminary Water & Sewer Rate Presentation

DRAFT

DOWNTOWN STREET TREE, SIDEWALK, & STRIPING DISCUSSION



May 23, 2023

- ❖ In September of 2021, Sound Urban Forestry completed an assessment of the downtown street trees. The assessment recommends that the City develop a removal and replacement plan for the street trees, as root cutting and sidewalk grinding/replacement are only temporary solutions to the problem.
- ❖ Council recommended in January of 2022 that staff research how the street tree replacement would affect elements of the 2016 Downtown Visioning Plan.

Summary of Findings and Prioritization

Based on the relatively young age of the street trees and the amount of associated damage already evident, I recommend the City develop a removal and replacement plan. I would advise against a root pruning/sidewalk repair project as this would be costly and only a temporary solution if these trees are retained. Additionally, the amount of necessary root pruning would likely jeopardize the health and stability of some of the trees, requiring eventual removal. Depending on the budget, a phased approach could be used to prioritize those trees causing the most damage and/or where mitigation such as grinding has already been applied. Those trees with less damage and no previous mitigation could be postponed by several years with grinding or patching. Using these parameters, I offer the following schedule.

Priority	Trees
High – removal and replacement as soon as possible.	1, 3, 4, 7, 8, 9, 11, 12, 15, 16, 19, 20, 21, 24, 25, 27-32
Medium – grind sidewalks for now, plan on removal & replacement in 3-5 years or as budget allows.	6, 10, 13, 14, 17, 26, 33-38
Low – grind sidewalks for now, plan on removal & replacement in 5-8 years or as budget allows.	2, 5, 18, 22, 23

Replacement Trees

In order to avoid future damage to the infrastructure it is recommended that the replacement species be more suitable for the site. This includes varieties with less aggressive, deeper rooting habits. My suggestions include the following:

- Frans Fontaine Upright Hornbeam, *Carpinus betulus* ‘Frans Fontaine’
- Princeton Sentry Ginkgo, *Ginkgo biloba* ‘PNI 2720’
- Firestarter Tupelo, *Nyssa sylvatica* ‘JFS-red’
- Sugar Cone Maple, *Acer saccharum* ‘Sugar Cone’

Please contact me if you should have any questions.

Professionally Submitted,

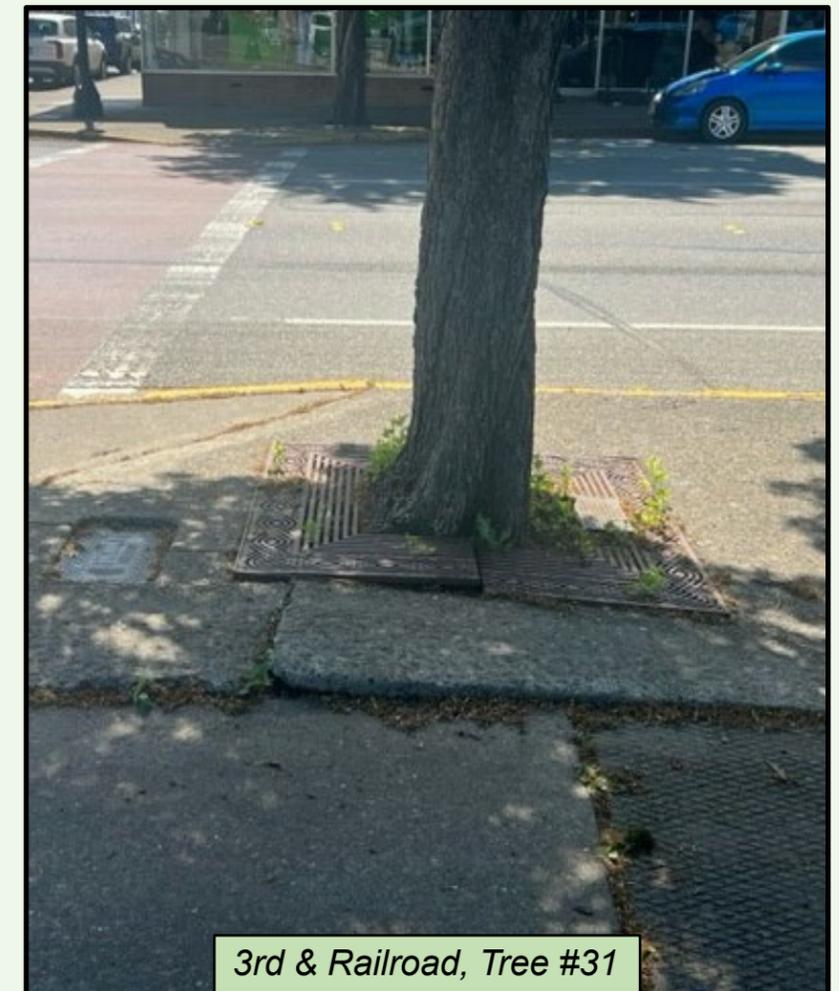


Kevin M. McFarland, Principal
 ISA Certified Arborist PN-0373 & ISA Tree Risk Assessment Qualified
 Sound Urban Forestry, LLC
 1910 E. 4th Ave., PMB 97
 Olympia, WA 98506

Locations of Assessed Trees



Most downtown street trees are “Select Cleveland” Pears, also known as “Chanticleer” Pears, and were planted downtown in 1995.



3rd & Railroad, Tree #31

- ❖ Last June Jones and Jones Architecture presented to Council a streetscape plan that moved the street trees to on street parking areas and widened the sidewalks downtown. Downtown merchants are concerned about losing parking stalls and “starting over” with smaller trees.
- ❖ The project would cost several million dollars, with currently no identified source of funding.
- ❖ Staff recommends that street tree, parking, and sidewalk improvements to Railroad Avenue downtown are completed when the waterline is replaced, and the roadway is resurfaced. The waterline replacement is tentatively scheduled for FY 2029.



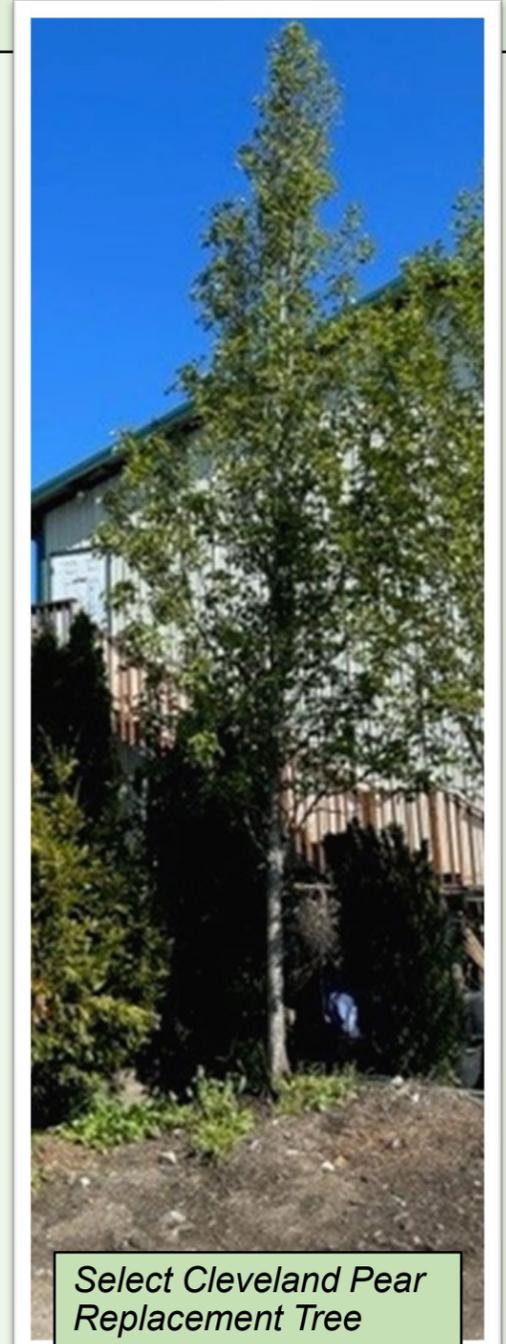
4th Street to 2nd Street



2nd Street to Front Street



- ❖ The FY 2023 budget allocated \$80,000 for the design of the street improvement project. Staff recommends that the design is placed on-hold and funds used improve the sidewalks, street trees, and striping. Below is a proposal from City staff to remove/replace up to nine trees, permanently remove 3 trees, and add 5 missing street trees. Adjacent property owners and tenants will be notified several weeks prior to beginning of the work. Staff may need to replace additional trees in the future when sidewalk grinding is no longer an option, as approved by the City Manager.
- ❖ (3) large 4-6" caliper replacement Select Cleveland Pear trees were recently purchased, and staff is locating additional large caliper replacement trees. Trees will be replanted with root barriers and tree grates, and the sidewalk repaired in the vicinity of each tree.



- ❖ City crews trim the street trees away from the buildings, around streetlights, signs, and parking stalls each winter with the installation/removal of holiday lights.
- ❖ Crews will continue to reset grates, trim smaller roots, and grind smaller raised sidewalk areas where needed.



#1 Add Missing Tree



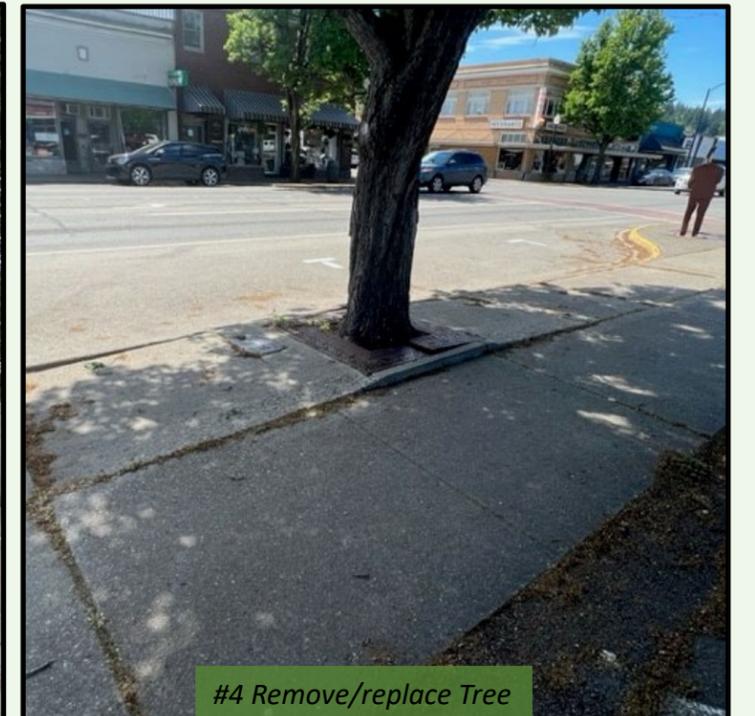
#2 Remove Tree, 3rd & Railroad



Tree #3
(keep)

Tree #2
(remove)

#3 Keep Existing Tree (on left)



#4 Remove/replace Tree



#5 Add Missing Tree



#6 Remove Existing Tree



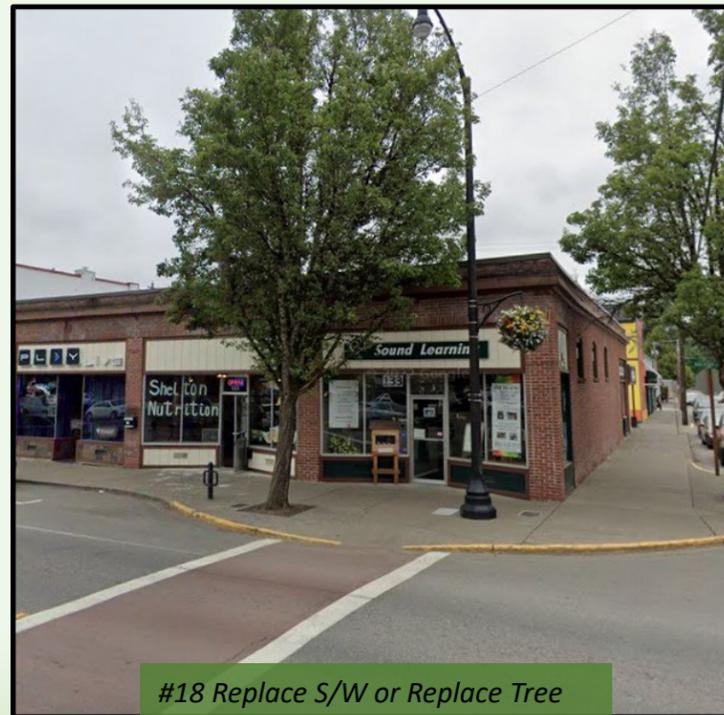
#7 Remove/replace Tree



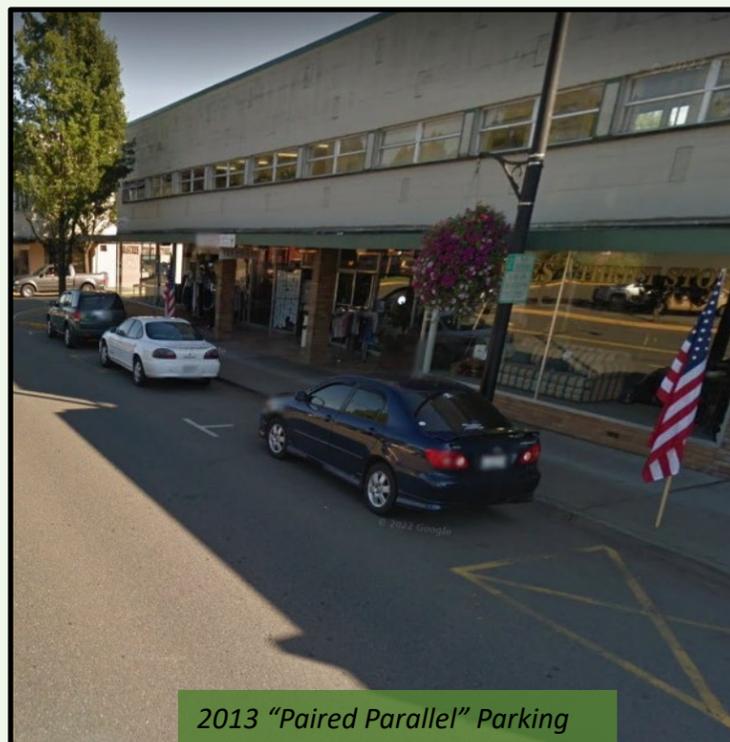
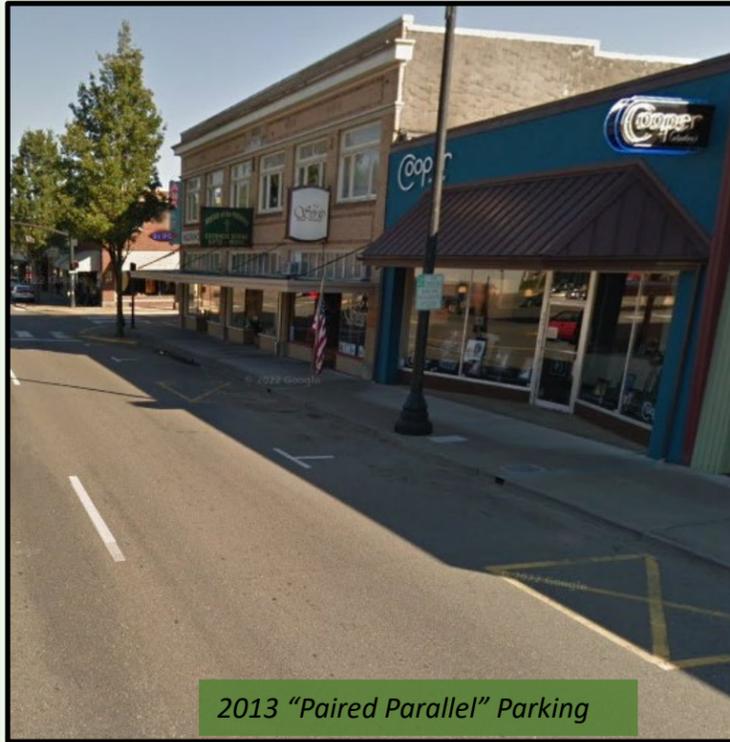
Tree #9
(keep)

Tree #8
(remove)

#8 #9 Remove Existing Tree, Keep Tree

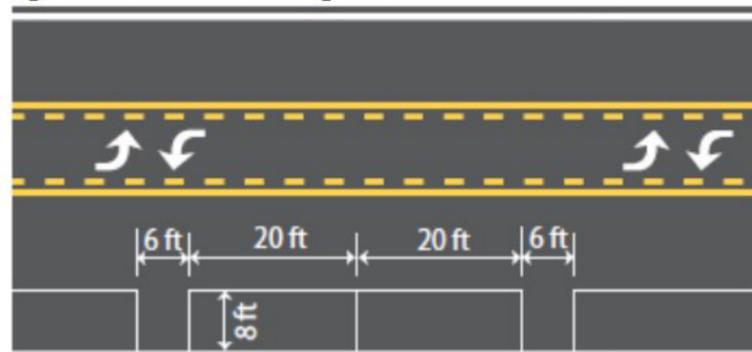


- ❖ The downtown parallel parking stall “T’s” and “L’s” are restriped by the Public Works Department each year in the Spring.
- ❖ In 2017 the “paired” parking stall lines were removed from the parking stalls on the east side of Railroad Avenue between 1st and 5th Streets. The west side of the roadway did not have “paired” parking striping.
- ❖ Cooper Studios requested that the “paired” parking stall lines are added back when City street crews stripe the road next spring.



On-street Parking. Road Diets provide the opportunity for parallel or diagonal on-street parking. The desirable minimum width of a parallel parking lane is 8 feet, as most vehicles will occupy approximately 7 feet of actual street space when parallel parked. A parking lane width of 10 to 12 feet may be desirable to provide additional clearance from the traveled way and accommodate transit operations, though some jurisdictions have used parking lane widths as narrow as 7 feet, particularly where only passenger cars need to be accommodated in the parking lane.⁷¹ As noted, parallel parking lanes may also be separated from bicycle lanes by an optional solid white line. Where parallel parking and bike lanes are present, but a parking lane line or stall markings are not used, the recommended width of the shared bicycle and parking lane is 13 feet. In addition, practitioners could consider "paired parking" to reduce conflicts and delays with vehicle parking (see Figure 21).

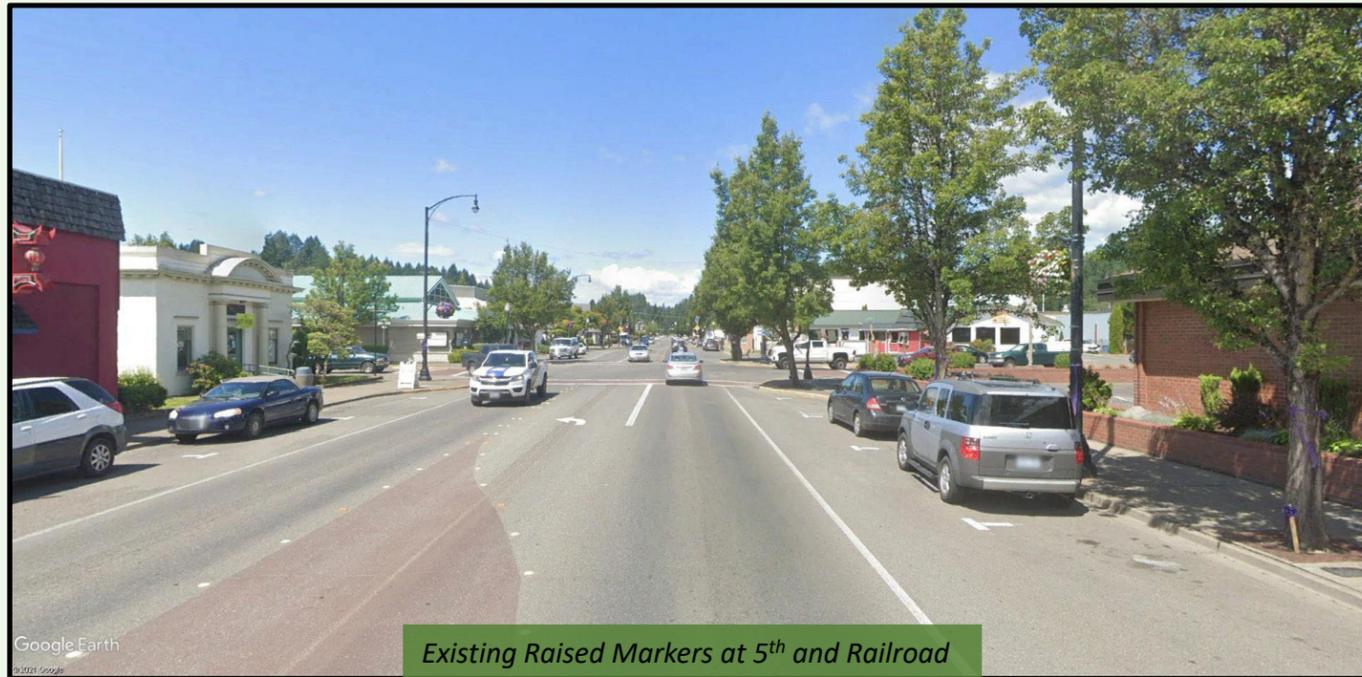
Figure 21. Paired Parking Illustration



2014 FHWA Road Diet Design Guide

- ❖ Paired parking reduces the length of stalls to 20’.
- ❖ The shared area between each stall is 6 feet long.
- ❖ No parking stalls will be lost with the change.
- ❖ The area allows for easier loading/unloading of vehicles.
- ❖ Vehicles entering a stall have 26 feet to maneuver.
- ❖ Parking vehicles is faster, less time blocking a lane.
- ❖ Parking stalls can be located easier.
- ❖ View corridors between parked cars is larger.
- ❖ Thermoplastic can be used for striping to reduce yearly maintenance.

- ❖ Raised pavement markers are used on Railroad Avenue downtown between 1st and 8th Streets, as shown on the pictures below.
- ❖ The raised markers may cause tripping hazards during street closure events.
- ❖ The City can not plow the roadway during the winter as the plow blades remove the raised pavement markers.
- ❖ City crews could remove the raised markers next year and install standard striping. Standard striping was recently completed on the Western Gateway Roadway project from 8th to Pacific Court.
- ❖ WSDOT maintains all the City fogline and centerline stripes in June/July of each year.
- ❖ The colored medians and crosswalks areas could remain, or the median cross-hatched shown on the conceptual sketch below.



QUESTIONS ?



Railroad Avenue, 1912

For more information, please contact:
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