



**CITY OF AUBURN
TRANSPORTATION
ADVISORY BOARD**

**OCTOBER 1, 2019
SPECIAL MEETING
AGENDA**

I. CALL TO ORDER – 5:30 P.M.,
CITY HALL 25 W MAIN STREET

II. INTRODUCTIONS

III. DISCUSSION AND INFORMATION

- A. ADA TRANSITION PLAN (Malik)*
- B. LEA HILL ROAD CORRIDOR STUDY UPDATE (Truong)*
- C. SOUND TRANSIT AND TIB GRANT APPLICATIONS (Webb)*
- D. 2020-2025 TRANSPORTATION IMPROVEMENT PROGRAM MODIFICATION (Webb)*
- E. 2018 SOS REPORT (Sweeting)*

IV. ADJOURNMENT

*Denotes attachments included in the agenda packet.

What is the ADA Transition Plan for Facilities in the Public Right-of-Way?

The Americans With Disabilities Act (ADA) went into effect on January 26, 1992. ADA requires that all facilities constructed after this date are readily accessible and usable by persons with disabilities.

The City of Auburn Transportation division is creating the City's first ADA Transition Plan for facilities in the public right-of-way. This document will guide the process to reach full compliance with the ADA requirements for facilities in the public right-of-way.

The City of Auburn's Draft ADA Transition Plan includes the following elements:

- Overview and background
- Self-Evaluation
- Policies and Procedures

Part of this effort includes a public comment period, with the draft plan available for review and comments. The draft will be available on the City website by October 1, 2019. A link to the page will be sent via email to all TAB members.

Tentative Schedule

October 1, 2019: Draft ADA Plan available for public comment on City's dedicated webpage

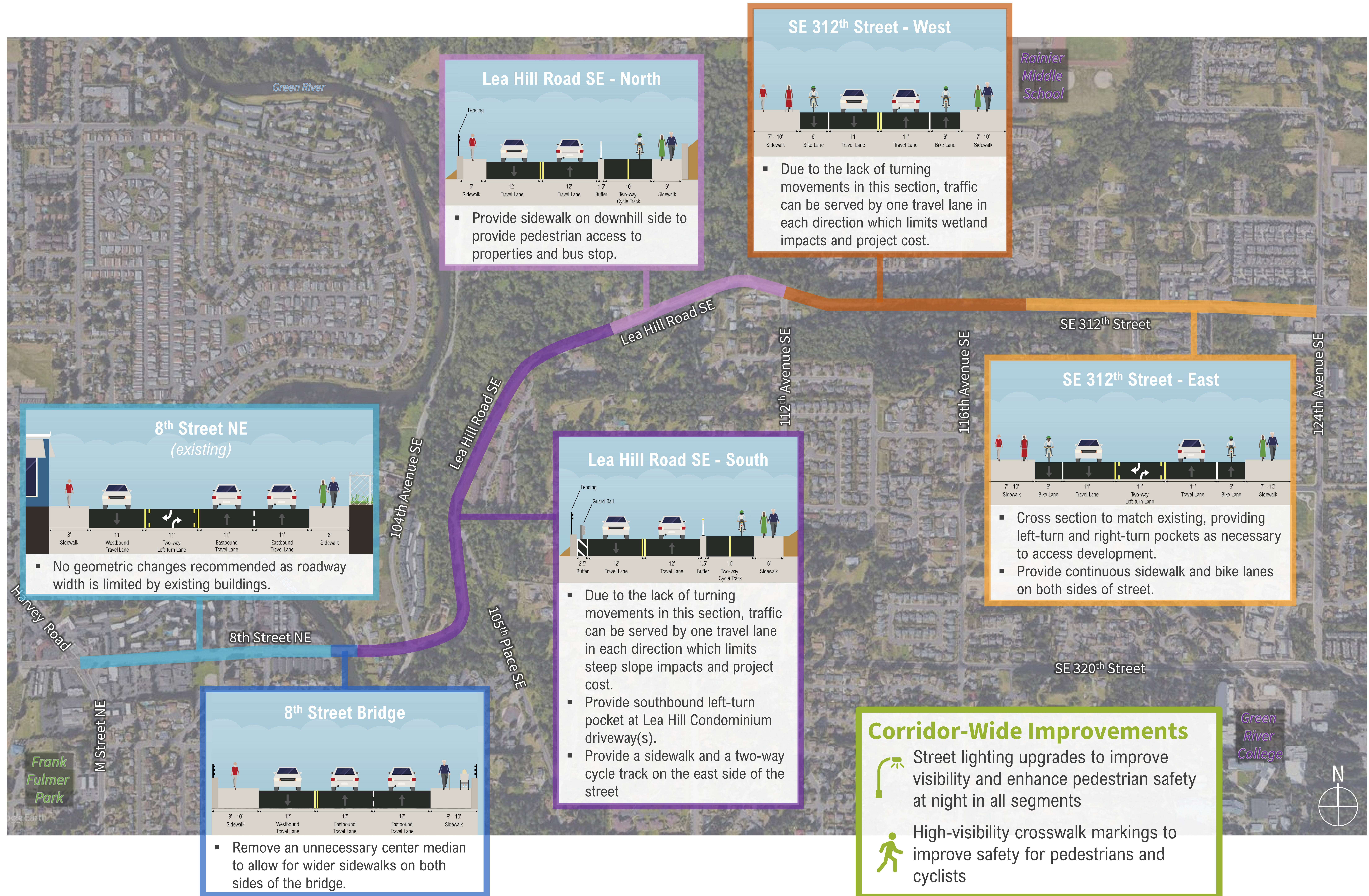
November 25, 2019: Council Discussion on Draft ADA Plan and related policies

December 31, 2019: End of public comment period

January 2020: review of public comments – drafting of the Final ADA Plan

February 2020: Adoption of Final ADA Plan and related policies

Preliminary Recommendations: Cross Sections



Preliminary Recommendations: Intersections

112th Avenue SE & 116th Avenue SE: 3-leg Roundabouts

Addressing what we heard:

- Processes more traffic with less delay on the side streets
- Resolves sight-line issues for drivers entering 312th Street and improves safety
- Allows for safe left-turns and limits aggressive shoulder driving
- Provides safe pedestrian crossings across 312th Street at both locations and access to the bus stop at 112th Avenue
- Creates narrowest roadway width which reduces environmental impacts

104th Avenue SE: Multi-lane Roundabout

Addressing what we heard:

- Roundabout will process more traffic in less time and with less delay than a signal
- Fewer conflict points and lower speeds in roundabouts means a reduced frequency of crashes and crash related injuries
- Carrying two eastbound lanes through the intersection reduces merging and risky jockeying behavior on the bridge

Garden Avenue/102nd Avenue SE: Remove Access & Reroute

Addressing what we heard:

- Removes turning movements and congestion close to the 8th Street Bridge
- Diverts traffic to 104th Avenue SE and a controlled intersection at Lea Hill Road SE

105th Place SE: Right-In/Right-Out Unsignalized

Addressing what we heard:

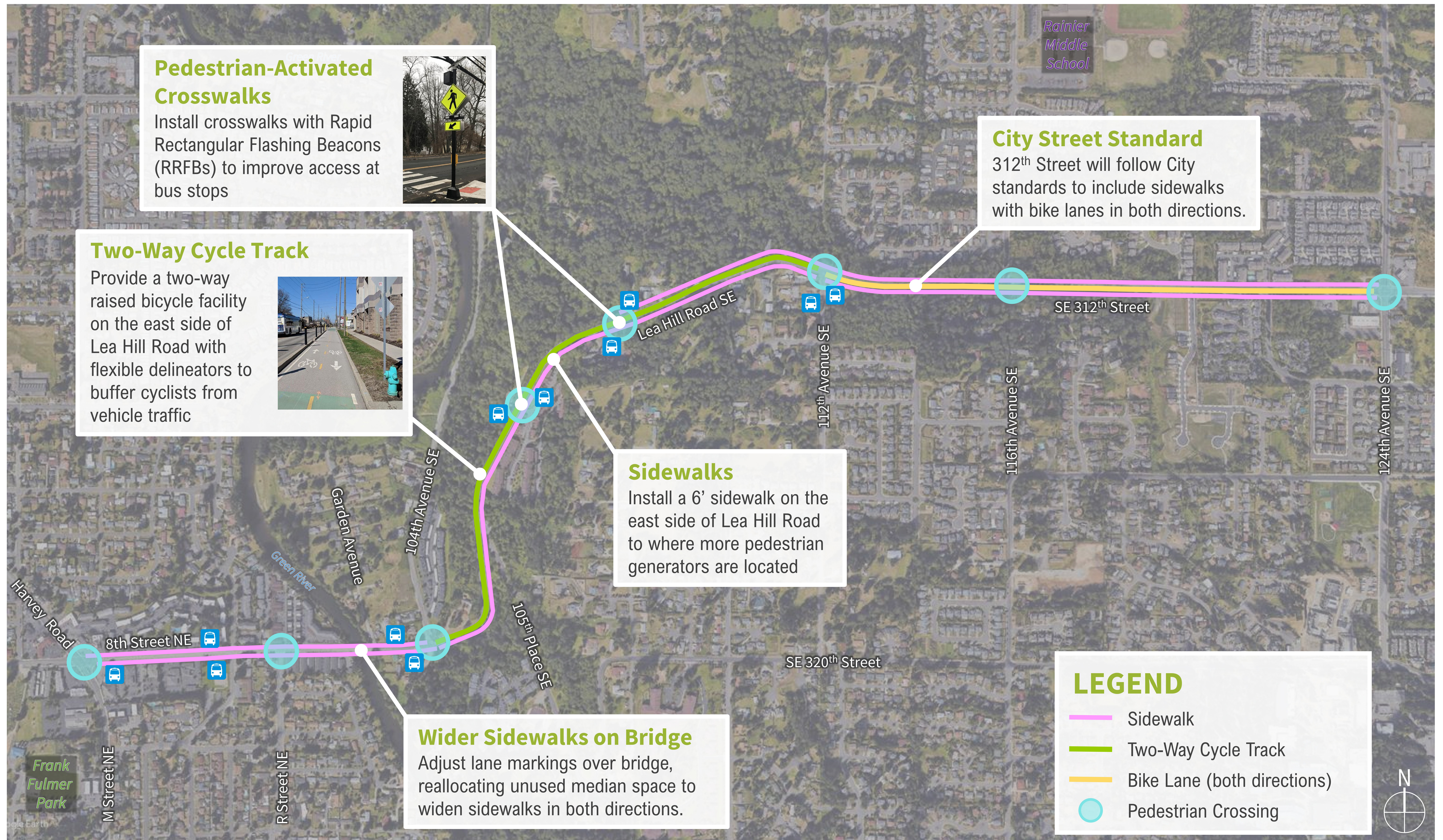
- Reduces congestion and potential for crashes
- Keeps traffic flowing on Lea Hill Road
- Minimizes total roadway width which means least potential impact to steep slope area
- Eliminates aggressive shoulder driving around left-turning vehicles

Further considerations:

- Providing northbound right turn pocket approaching 105th Place SE to improve safety
- Improvements to 112th Avenue SE to accommodate additional diverted traffic from 105th Place SE
- Consider relocation or new bus stop locations and necessary crossing enhancements
- Details of the bus stop treatment, pull-out or in-lane stops

For more information on all the alternatives that were considered and how we reached the preferred solution, please visit the Alternatives Analysis section of this open house.

Preliminary Recommendations: Non-Motorized



2019 Grant Application Summary

Sound Transit Access Fund

The System Access Fund will help fund improvements that make it easier and more convenient for people to get to Sound Transit and partner transit services.

Sound Transit received 53 applications from 33 local governments requesting more than \$86 million. Review the 53 applications that were submitted in the System Access Fund call for projects.

The City of Auburn was eligible to submit three applications for funding, two for projects in King County and one in Pierce County:

A Street Loop

PROJECT OVERVIEW:

The project includes the design of a new roadway connection that creates a direct (one-way eastbound) link between A Street SW and A Street SE. A Street SW fronts the east side of Auburn Station. The new roadway will provide a direct connection to A Street SE for vehicles leaving both the existing and proposed parking garages and will be designed as a complete street that includes facilities for nonmotorized users.

ST SUBAREA: South King

CITY: Auburn

SPONSORING AGENCY: City of Auburn

FACILITY: Auburn Station

AMOUNT REQUESTED: \$280,000

YEAR OF PROJECT COMPLETION: 2022

PRELIMINARY EVALUATION RATING:

Not Recommended

POLICY AND TECHNICAL FACTOR EVALUATIONS:

CUSTOMER EXPERIENCE:	EQUITY:	CONNECTIVITY:	SAFETY & HUMAN HEALTH:	FUNDING PLAN:	DELIVERY PLAN:
Medium	Medium	Medium	Low	Medium	Low



CLICK IMAGE TO ENLARGE.

Regional Growth Center Access Improvements

PROJECT OVERVIEW:

The project will create a new northbound/southbound pedestrian crosswalk and a northbound left turn lane at the intersection of Third Street NE and Auburn Avenue. At the Auburn Way N and Fourth Street NE intersection, the east/west approaches will be re-channelized to allow the removal of the split phase signal operations. The proposed project will improve accessibility and convenience for nonmotorized users, reduce congestion on other parallel facilities, and reduce congestion and travel times for all users of the Auburn Way N corridor.

ST SUBAREA: South King

CITY: Auburn

SPONSORING AGENCY: City of Auburn

FACILITY: Auburn Station

AMOUNT REQUESTED: \$1,625,000

YEAR OF PROJECT COMPLETION: 2022

PRELIMINARY EVALUATION RATING:

Highly Recommended

POLICY AND TECHNICAL FACTOR EVALUATIONS:

CUSTOMER EXPERIENCE:	EQUITY:	CONNECTIVITY:	SAFETY & HUMAN HEALTH:	FUNDING PLAN:	DELIVERY PLAN:
Medium	Medium	High	Medium	High	Medium



CLICK IMAGE TO ENLARGE.

Route 497 Accessibility Improvements

PROJECT OVERVIEW:

This project will design and construct improvements to pedestrian access routes to bus stops that serve the Lakeland Hills Express (Route 497). The improvements include a new pedestrian connection between the Park & Ride and transit stop, a concrete landing at a transit stop, and installation of rapid rectangular flashing beacon (RRFB) systems at pedestrian crossings.

ST SUBAREA: Pierce

CITY: Auburn

SPONSORING AGENCY: City of Auburn

FACILITY: Auburn Station

AMOUNT REQUESTED: \$250,000

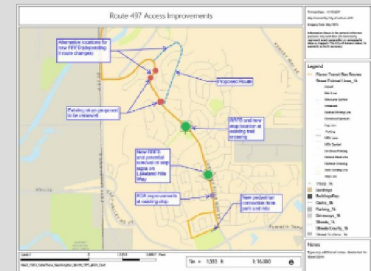
YEAR OF PROJECT COMPLETION: 2020

PRELIMINARY EVALUATION RATING:

Recommended

POLICY AND TECHNICAL FACTOR EVALUATIONS:

CUSTOMER EXPERIENCE:	EQUITY:	CONNECTIVITY:	SAFETY & HUMAN HEALTH:	FUNDING PLAN:	DELIVERY PLAN:
Medium	Medium	Medium	Low	High	High



CLICK IMAGE TO ENLARGE.

The City was awarded funding for the Regional Growth Center Access project.

Transportation Improvement Board (TIB)

The Legislature created the Transportation Improvement Board to foster state investment in quality local transportation projects. The TIB distributes grant funding, which comes from the revenue generated by three cents of the statewide gas tax, to cities and counties for funding transportation projects. TIB's grant programs are categorized by the type of customer agency each program is intended to serve.

The City submitted two funding applications to TIB:

2nd Street SE – Physical Condition

The project would reconstruct 2nd Street SE between A Street SE and Auburn Way S. The TIP sheet for the project and a vicinity map showing the project limits is provided below.

Six Year Transportation Improvement Plan

ARTERIAL PRESERVATION FUND (105)

TIP# P-3

Project Title: **2nd Street SE Preservation**
 Project No: **TBD**
 Project Type: **Preservation**
 Project Manager: **TBD**

STIP# AUB-N/A

LOS Corridor ID# N/A

Description:

This project will reconstruct 2nd Street SE between A Street SE and Auburn Way S. The reconstruction will utilize full depth reclamation techniques. The project will also remove remove fixed objects within the clear zone, remove barriers to ADA access, and install new LED street lighting.

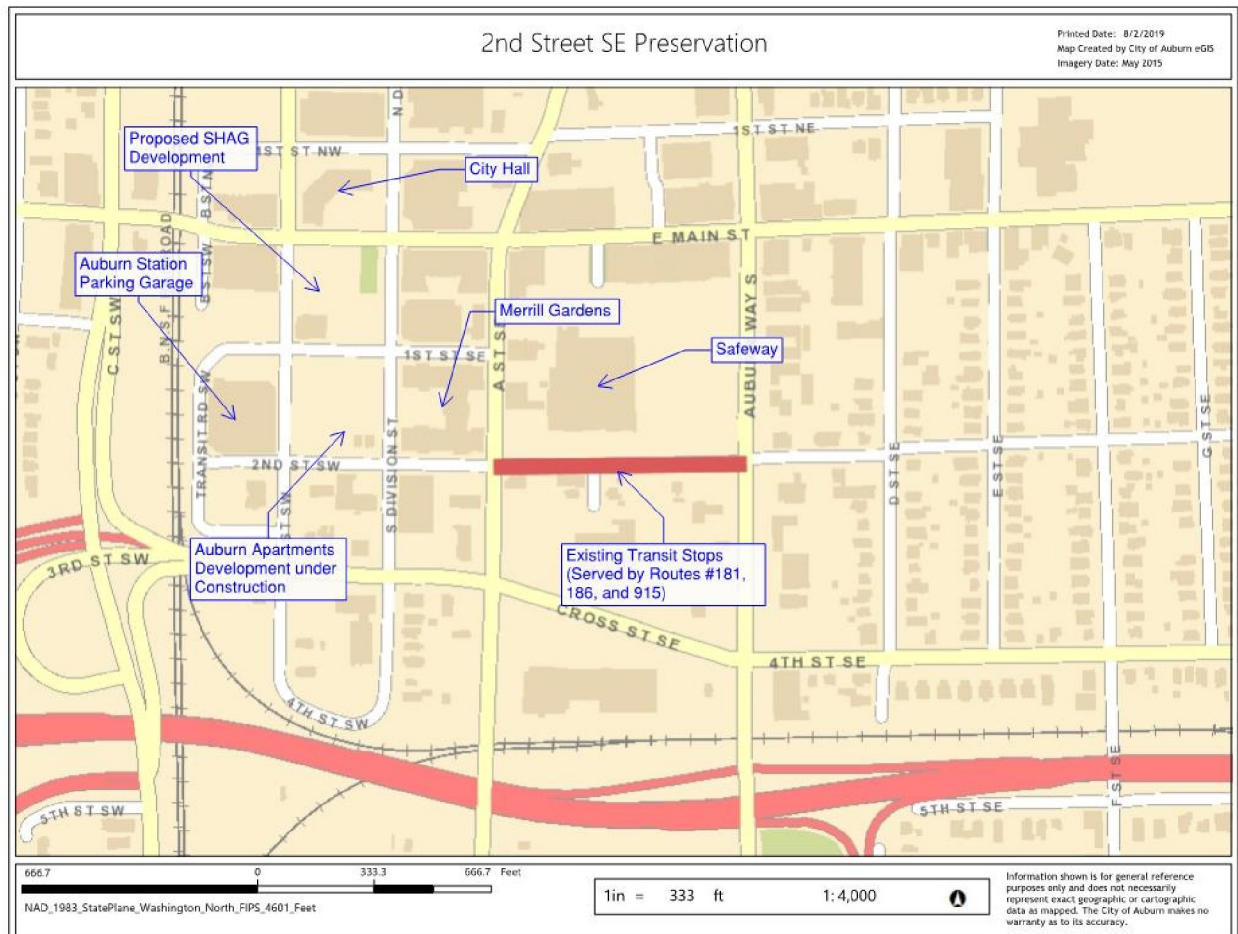
Progress Summary:

Grant funding for this project was applied for in 2019. If awarded, design would occur in 2020 and construction in 2021.

Future Impact on Operating Budget:

This project will have no impact on the operating budget for street maintenance.

Activity:	2019 YE	Budget			Forecast Project Cost				Total Project Cost
Funding Sources:	Prior to 2019	Estimate	2020	2021	2022	2023	2024	2025	Beyond 2025
Arterial Preservation Fund	-	-	46,000	347,502	-	-	-	-	-
Unsecured Grant	-	-	69,000	521,253	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total Funding Sources:	-	-	115,000	868,755	-	-	-	-	-
Total Project Cost	-	-	-	-	-	-	-	-	983,755
Capital Expenditures:									
Design	-	-	115,000	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-	-
Construction	-	-	-	868,755	-	-	-	-	-
Total Expenditures:	-	-	115,000	868,755	-	-	-	-	983,755



M Street SE - Sidewalks

The project would complete the missing segments of sidewalk along the west side of M Street SE between Auburn Way S and 8th Street SE and along the east side of M Street SE between Auburn Way S and 12th Street SE. The TIP sheet for the project and a vicinity map showing the project limits is provided below.

Six Year Transportation Improvement Plan

ARTERIAL STREET FUND (102)

TIP# N-10

Project Title:

M Street SE Sidewalk Completion

Project No:

TBD

Project Type:

Non-Motorized

Project Manager:

TBD

STIP# AUB-N/A

LOS Corridor ID# N/A

Description:

The project will design and construct sidewalks along the M Street SE corridor between Auburn Way S and 8th Street SE. The project will complete the missing sections of sidewalk along the west side of M Street SE between Auburn Way S and 8th Street SE, and will complete the missing segments of sidewalk along the east side between Auburn Way S and 12th Street SE. The project will construct approximately 2,000 linear feet of new sidewalk to match adjacent widths. The project will also construct ADA compliant curb ramps, relocate existing utility poles and overhead signage to provide ADA access.

Progress Summary:

Grant funding application was submitted in 2019. If awarded, the design phase will be started in 2020 and construction completed during 2021.

Future Impact on Operating Budget:

This project will have no impact on the operating budget for street maintenance.

Activity:		2019 YE	Budget				Forecast Project Cost				
Funding Sources:	Prior to 2019	Estimate	2020	2021	2022	2023	2024	2025	Beyond 2025	Total Project Cost	
Unrestricted Street Revenue	-	-	14,980	209,562	-	-	-	-	-	224,542	
Unsecured Grant	-	-	30,020	419,980	-	-	-	-	-	450,000	
Traffic Impact Fees	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	
Total Funding Sources:	-	-	45,000	629,542	-	-	-	-	-	674,542	
Capital Expenditures:											
Design	-	-	45,000	-	-	-	-	-	-	45,000	
Right of Way	-	-	-	-	-	-	-	-	-	-	
Construction	-	-	-	629,542	-	-	-	-	-	629,542	
Total Expenditures:	-	-	45,000	629,542	-	-	-	-	-	674,542	



TIB is currently evaluating grant applications. Project selections will be announced at the end of November.



Memorandum

To: Transportation Advisory Board

From: James Webb, Traffic Engineer, PE, PTOE

Date: September 26, 2019

Re: 2020-2025 Transportation Improvement Program – Modification

Background Summary

Previous TIP modifications were made with annual TIP update adopted in June of this year. Since then, changes in available project funding and the addition of projects associated with grants and developer projects necessitates additional modifications. The proposed modifications are summarized below and will be presented at City Council study session on October 14th.

SUMMARY OF PROPOSED AMENDMENTS TO THE 2020-2025 TIP

Modifications: The following existing projects are proposed to be revised:

- TIP P-7: Auburn Way N Preservation Phase 2 (\$1.63M) – a portion of the grant funds awarded to this project were swapped with local funds in the A Street SE preservation project to help meet regional funding obligation targets set by PSRC.
- TIP R-8: 49th Street NE (\$3.35M) – the project will complete the 49th Street NE corridor between Auburn Way N and I Street NE. Proposed changes reflect portions of the project being completed as part of a development project and the remaining portion would be completed by the City with traffic mitigation funds.
- TIP R-16: Kersey Way SE Corridor Study (\$2.01M) – The project is being revised to reflect the award of \$1.625M in grant funds from the Sound Transit Access Fund competition.

Additions: The following projects are proposed to be added to the updated TIP:

- TIP I-16: 15th Street NW/SR-167 NB Ramps (\$X.XXM) – The project would fund the design and construction of a new westbound right-turn pocket at the intersection.

- TIP P-3: 2nd Street SE Reconstruction (\$0.98M) – The project would reconstruct 2nd Street SE between A Street SE and Auburn Way S. TIB grant funding for the project was applied for in 2019.

Copies of the draft TIP sheets for each of these projects are attached to the memo.

NEXT STEPS:

Staff will discuss the proposed modifications with Council at the October 14th study session. The public hearing and adoption are scheduled for the October 21st Council meeting.

Six Year Transportation Improvement Plan

TIP# I-16

ARTERIAL STREET FUND (102)

Project Title: 15th Street NW/SR-167 NB Ramps
 Project No: TBD
 Project Type: Capacity
 Project Manager: TBD

STIP# AUB-N/A

LOS Corridor ID# 9

Description:

This project will fund the design and construction of a new westbound right-turn pocket on 15th Street NW at the intersection with the SR-167 NB ramps.

Progress Summary:

The project phases will be completed when grant funding is secured.

Future Impact on Operating Budget:

This annual maintenance cost for this project is estimated to be \$2,500.

Activity:	2019 YE Estimate	Budget			Forecast Project Cost				Total Project Cost
		Prior to 2019	2020	2021	2022	2023	2024	2025	Beyond 2025
Funding Sources:									
Unrestricted Street Revenue	-	-	-	-	-	-	-	-	-
Unsecured Federal Grant	-	-	-	-	-	-	-	-	-
Traffic Impact Fees	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total Funding Sources:	-	-	-	-	-	-	-	-	-
Capital Expenditures:									
Design	-	-	-	-	-	-	-	-	-
Right of Way	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Total Expenditures:	-	-	-	-	-	-	-	-	-

Six Year Transportation Improvement Plan**ARTERIAL PRESERVATION FUND (105)****TIP# P-3**

Project Title: **2nd Street SE Preservation**
 Project No: **TBD**
 Project Type: **Preservation**
 Project Manager: **TBD**

STIP# AUB-N/A**LOS Corridor ID# N/A****Description:**

This project will reconstruct 2nd Street SE between A Street SE and Auburn Way S. The reconstruction will utilize full depth reclamation techniques. The project will also remove remove fixed objects within the clear zone, remove barriers to ADA access, and install new LED street lighting.

Progress Summary:

Grant funding for this project was applied for in 2019. If awarded, design would occur in 2020 and construction in 2021.

Future Impact on Operating Budget:

This project will have no impact on the operating budget for street maintenance.

Activity:	2019 YE		Budget			Forecast Project Cost				Total Project Cost
	Prior to 2019	Estimate	2020	2021	2022	2023	2024	2025	Beyond 2025	
Funding Sources:										
Arterial Preservation Fund	-	-	46,000	347,502	-	-	-	-	-	393,502
Unsecured Grant	-	-	69,000	521,253	-	-	-	-	-	590,253
Other	-	-	-	-	-	-	-	-	-	-
Total Funding Sources:	-	-	115,000	868,755	-	-	-	-	-	983,755
Capital Expenditures:										
Design	-	-	115,000	-	-	-	-	-	-	115,000
Right of Way	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	868,755	-	-	-	-	-	868,755
Total Expenditures:	-	-	115,000	868,755	-	-	-	-	-	983,755

Six Year Transportation Improvement Plan

TIP# P-7

ARTERIAL PRESERVATION FUND (105)

Project Title: **Auburn Way N Preservation Phase 2 (8th St NE to 22nd St NE)**

STIP# AUB-56

Project No: **TBD**

Project Type: **Preservation**

Project Manager: **Jeff Bender**

LOS Corridor ID# 1/2

Description:

This project will grind and overlay Auburn Way N from the 22nd Street NE to 8th Street NE, remove unused driveways, and upgrade all curb ramps and pedestrian signals to meet ADA requirements.

Progress Summary:

Federal Grant funding was awarded in 2016.

Future Impact on Operating Budget:

There is no impact to the street maintenance budget.

Activity:	Funding Sources:	2019 YE Prior to 2019 Estimate	Budget			Forecast Project Costs				Total Project Cost
			2020	2021	2022	2023	2024	2025	Beyond 2025	
	<i>Arterial Preservation Fund</i>	-	120,000	439,720	-	-	-	-	-	559,720
	<i>Secured Federal Grant</i>	-	-	1,068,280	-	-	-	-	-	1,068,280
	<i>Other</i>	-	-	-	-	-	-	-	-	-
	Total Funding Sources:	-	120,000	1,508,000	-	-	-	-	-	1,628,000
	Capital Expenditures:									
	<i>Design</i>	-	120,000	-	-	-	-	-	-	120,000
	<i>Right of Way</i>	-	-	-	-	-	-	-	-	-
	<i>Construction</i>	-	-	1,508,000	-	-	-	-	-	1,508,000
	Total Expenditures:	-	120,000	1,508,000	-	-	-	-	-	1,628,000

Six Year Transportation Improvement Plan

TIP# R-8

ARTERIAL STREET FUND (102)

Project Title: **49th Street NE (Auburn Way N to I St NE)**
 Project No: **TBD**
 Project Type: **Capacity**
 Project Manager: **TBD**

STIP# AUB-N/A

LOS Corridor ID# N/A

Description:

Construct a new east/west corridor from Auburn Way N to I St NE. The existing 49th Street corridor extends B St NW to the west. This project also includes a traffic signal at the intersection of Auburn Way N and 49th Street with accommodations for u-turns on Auburn Way N. This roadway was evaluated and recommended in the NE Auburn Special Area Plan. It is anticipated that this will be constructed by future development. It is approximately 0.75 miles long.

Progress Summary:

Portions of the project is being completed by a developer. However, portions of the full improvements are not able to be accommodated within the existing ROW. These remaining project elements will be completed by the City as part of a future capital project.

Future Impact on Operating Budget:

The annual maintenance cost for this project is estimated to be \$27,050.

Activity:	2019 YE Estimate	Budget			Forecast Project Cost				Total Project Cost
		Prior to 2019	2020	2021	2022	2023	2024	2025	Beyond 2025
Funding Sources:									
Unrestricted Street Revenue	-	-	-	-	-	-	-	-	-
Unsecured Grant	-	-	-	-	-	-	-	-	-
Traffic Impact Fees	-	-	-	-	-	-	-	-	-
Other (Development)	-	850,000	2,500,000	-	-	-	-	-	-
Total Funding Sources:	-	850,000	2,500,000	-	-	-	-	-	-
Capital Expenditures:									
Design	-	250,000	-	-	-	-	-	-	-
Right of Way	-	600,000	-	-	-	-	-	-	-
Construction	-	-	2,500,000	-	-	-	-	-	-
Total Expenditures:	-	850,000	2,500,000	-	-	-	-	-	-

Six Year Transportation Improvement Plan

TIP# R-16

ARTERIAL STREET FUND (102)

Project Title: **Regional Growth Center Access Improvements**
 Project No: **TBD**
 Project Type: **Capacity**
 Project Manager: **TBD**

STIP# AUB-N/A

LOS Corridor ID# N/A

Description:

The project would improve the 3rd Street NE/4th Street NE intersections with Auburn Avenue and Auburn Way N. The goals of the project are to improve traffic operations, safety, and circulation for both vehicles and non-motorized users. The project will add a northbound left-turn movement and a northbound/southbound crosswalk at the 3rd Street NE intersection with Auburn Avenue, and realign the intersection of 4th St NE with Auburn Way N to eliminate the split phase operation signal improving circulation and access.

Progress Summary:

Grant funding for the design and construction phases was awarded from Sound Transit in 2019.

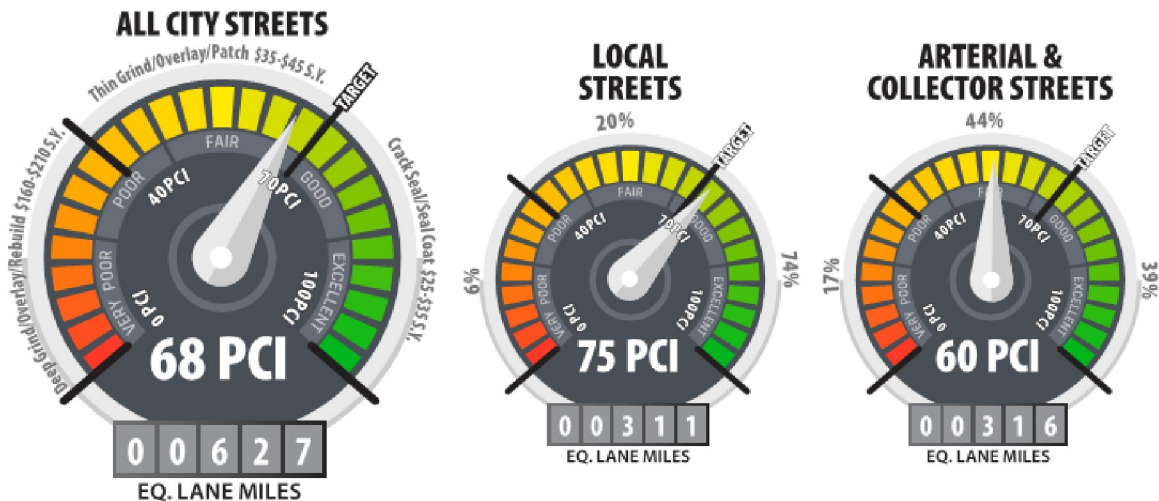
Future Impact on Operating Budget:

There is no impact to the street maintenance budget.

Activity:	2019 YE		Budget			Forecast Project Costs				
Funding Sources:	Prior to 2019	Estimate	2020	2021	2022	2023	2024	2025	Beyond 2025	Total Project Cost
Unrestricted Street Revenue	-	-	-	-	-	-	-	-	-	-
Secured Grant	-	-	-	325,000	-	1,300,000	-	-	-	1,625,000
Traffic Impact Fees	-	-	-	85,000	100,000	200,000	-	-	-	385,000
Other	-	-	-	-	-	-	-	-	-	-
Total Funding Sources:	-	-	-	410,000	100,000	1,500,000	-	-	-	2,010,000
Capital Expenditures:										
Design	-	-	-	410,000	-	-	-	-	-	410,000
Right of Way	-	-	-	-	100,000	-	-	-	-	100,000
Construction	-	-	-	-	-	1,500,000	-	-	-	1,500,000
Total Expenditures:	-	-	-	410,000	100,000	1,500,000	-	-	-	2,010,000

2018 State of Our Streets Summary

City staff will present a 2018 year end summary of the City's Arterial and Local Street Pavement Preservation Programs. This summary will be presented in the dashboard format shown below:



This dashboard provides a quick look at the overall condition of the City's roadways and preservation program activities. It also gives City policy makers a quick executive overview in order to help facilitate policy and funding decisions. A more detailed explanation of the City's street preservation programs including program history, funding, and technical considerations is provided on the City's website:

<https://www.auburnwa.gov/cms/one.aspx?portalId=11470638&pageId=12523154>

Past, current, and future funding for the City's street preservation programs will be discussed and are summarized on the attached figures:

Arterials & Collectors

