

INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Committee

FROM: Henry Hash, Public Works Director

BY: Gail Labanara, Public Works Analyst

CC: Mayor Ekberg
DATE: August 24, 2018

SUBJECT: Proposed 2019-2020 Biennial Budget

Residential and Arterial Streets

ISSUE

Transportation and Infrastructure Committee to review Proposed 2019-2020 Biennial Budget and Capital Improvement Programs for Residential and Arterial Streets.

BACKGROUND

The City is committed to developing and passing a fiscally-sound, balanced budget. Two challenges the City is encountering is 1) sales tax revenue growth of 3% projected for 2018 has not been realized to date, and 2) sales tax mitigation payments will end in late 2019. As a result, the City is seeking a balanced budget with expenditure reductions and possible new revenue opportunities.

DISCUSSION & FISCAL IMPACT

Residential Streets - 103 Fund

- 42nd Ave S Phase III (SC Blvd to S 160th St) complete with final asphalt lift in late 2018
- 53rd Ave S complete with final asphalt lift in 2019
- Added three new Grant-funded Projects; 46th Ave S Safe Routes to School, Macadam Rd S Complete Street, and S 152nd St Safe Routes to School
- Changed Traffic Calming and Residential Sidewalks/Street Improvements to one CIP page;
 Traffic Calming/Residential Safety Improvements with funding of \$400,000 in 2019 and 2020.

Arterial Streets - 104 Fund

- Strander Blvd Extension Phase 3 finish design in 2019, construction dependent on grants
- Boeing Access Rd Bridge Rehabilitation complete with final asphalt lift in 2019
- West Valley Hwy design in 2019 with construction in 2020, grant funded
- New BAR over Airport Wy Seismic Retrofit design in 2019 & construction in 2020, grant
- New 42nd Ave S Bridge Replacement design to start in 2020, grant dependent
- New Green River Trail Improvements

RECOMMENDATION

Transportation and Infrastructure Committee approval to forward the Residential and Arterial Street funds 103 and 104 Fund section of the 2019-2020 Biennial Budget to the Committee of the Whole.

Attachments: Proposed Budget and CIP Sheets for 103 and 104 Funds

DEPARTMENT: Public Works (103) **DIVISION**: Residential Streets

FUND: Residential Street FUND NUMBER: 103
RESPONSIBLE MANAGER: Henry Hash POSITION: Director

Description

The program provides for maintenance, lane widening, curbs and gutters, sidewalks, illumination and undergrounding of utilities of the residential street system.

2017-2018 Accomplishments

- ♦ Completed construction of Cascade View SRTS Phase II.
- ♦ Completed design of 42nd Ave S Phase III and began construction.
- ♦ Completed design of 53rd Ave S street improvements and began construction.

2019-2020 Outcome Goals

• Improve pedestrian safety in neighborhoods.

2019-2020 Indicators of Success

- ♦ Complete construction of 42nd Ave S Phase III from Southcenter Blvd to S 160th St.
- ♦ Complete construction of 53rd Ave S street improvements.

Revenue and Expenditure Summary

				Actual				Budget		Percent (Change
		2016		2017	2018*		2018	2019	2020	2018-19	2019-20
Operating Revenue											
MFVT Cities	\$	294,942	\$	303,526	\$ 137,890	\$	285,000	\$ 285,000	\$ 290,000	0.00%	1.75%
Investment Earnings		2,163		40,239	59,267		1,600	20,000	20,000	1150.00%	0.00%
Total Operating Revenue		297,105		343,765	197,158		286,600	305,000	310,000	6.42%	1.64%
Capital Project Revenue											
Intergovernmental Revenue											
Federal Grants		159,832		705,006	1,525		-	201,000	3,454,000	0.00%	1618.41%
State Grants		10,648		64,612	2,448,159		1,075,000	514,000	1,847,000	-52.19%	259.34%
Road/Street Construction Svcs		-		6,133	38,690		-	1,682,000	-	0.00%	0.00%
State Grant-Roadway		-		-	-		-	-	-	0.00%	0.00%
GO Bond Proceeds		-		8,180,000	-		2,800,000	-	-	0.00%	0.00%
Premium on Bonds Sold		-		356,839	-		-	-	-	0.00%	0.00%
Plan/Development Contributions		-		-	2,014,000		1,273,000	-	-	0.00%	0.00%
Total Capital Project Revenue		170,480		9,312,590	4,502,374		5,148,000	2,397,000	5,301,000	-53.44%	121.15%
Transfers In		200,000		-	-		-	-	-	0.00%	0.00%
Total Revenue		667,585		9,656,355	4,699,532		5,434,600	2,702,000	5,611,000	-50.28%	107.66%
Capital Projects											
46th Ave S Safe Routes to School		_		_	_		_	80.000	1,832,000	0.00%	2190.00%
Thorndyke Safe Routes to School		675		-	_		_	_	_	0.00%	0.00%
42nd Ave S Roadside Barriers		90,010		-	_		_	_	_	0.00%	0.00%
42nd Ave S Phase III		246,583		2,522,069	4,097,000		4,465,000	1,100,000	_	-75.36%	0.00%
Residential Street Prioritization Study		177,559		-	· · ·		-	· · · -	-	0.00%	0.00%
Cascade View SRTS Phase II		153,924		1,331,650	2,330		-	-	-	0.00%	0.00%
53rd Ave S		159,062		285,149	3,950,000		6,410,000	2,865,000	-	-55.30%	0.00%
Macadam Rd S Complet Street		-		-	-		-	150,000	1,847,000	0.00%	1131.33%
S 152nd St Safe Routes to School		-		-	-		-	121,000	1,622,000	0.00%	1240.50%
Traffic Calming/Residential Safety		-		-	-		350,000	400,000	400,000	14.29%	0.00%
Total Capital Projects	+	827,813		4,138,868	8,049,330		11,225,000	4,716,000	5,701,000	-57.99%	20.89%
Beginning Fund Balance		819,161		658,933	6,176,420	l	6,677,831	2,826,621	812,621	-57.67%	-71.25%
Change in Fund Balance		(160,228))	5,517,487	(3,349,798)		(5,790,400)	(2,014,000)	(90,000)	-65.22%	-95.53%
Fund Balance	\$	658,933	\$	6,176,420	\$ 2,826,621	\$	887,431	\$ 812,621	\$ 722,621	-8.43%	-11.08%

^{*}Projected

Expenditure Detail - Supplies, Services and Other

Services include planning, design, and project management costs, among others. Capital includes construction and purchase of capital assets related to projects accounted for in this fund.

Resi	dential Stre	eets Fund				
		Actual			Budget	
Account Number	2016	2017	2018*	2018	2019	2020
103.98.595.100.31.00 Supplies - Office & Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Supplies	-	-	-	-	-	-
103.98.542.100.41.00 Prof Svcs - Road & street maintenance	-	-	-	50,000	250,000	250,000
103.98.542.300.48.00 R&M - Roadway	-	-	-	300,000	130,000	130,000
103.98.544.200.41.00 Prof Svcs - Engineering/street prioritization	169,911	512,125.20	-	-	20,000	20,000
103.98.544.400.41.00 Prof Svcs - Consulting services	-	-	-	-	-	-
103.98.595.100.41.00 Prof Svcs - Engineering	-	257	-	-	-	-
103.98.595.100.44.00 Advertising - Ad for bids	-	-	1,049	-	-	-
103.98.595.300.41.00 Misc - Permits	8,504	-	-	-	-	-
103.98.595.300.48.00 Prof Svcs - Right of way	74,903	-	-	-	-	-
Total Services	253,318	512,382	1,049	350,000	400,000	400,000
103.98.595.100.65.00 Capital - Engineering	501,716	1,038,303	1,033,137	757,000	1,186,000	1,069,000
103.98.595.200.65.00 Capital - Right of Way	0	148,451	45,984	-	-	332,000
103.98.595.300.65.00 Capital - Roadway	-	1,941,399	6,630,415.96	10,118,000	3,130,000	3,900,000
103.98.595.610.65.00 Capital - Sidewalks	-	116,672	-	-	-	-
103.98.595.630.65.00 Capital - Street Lighting	-	-	66,775	-	-	-
103.98.595.640.65.00 Capital - Traffic Control Devices	-	25,652	9,300	-	-	-
103.98.595.700.65.00 Capital - Roadway Development	-	42,267	-	-	=	-
Total Other	501,716	3,312,745	7,785,612	10,875,000	4,316,000	5,301,000
Total Supplies, Services and Other	\$ 755,034	\$ 3,825,127	\$ 7,786,661	\$ 11,225,000	\$ 4,716,000	\$ 5,701,000

^{*}Projected

DEPARTMENT: Public Works (104) **DIVISION**: Bridges and Arterial Streets

FUND: Bridges and Arterial Streets **FUND NUMBER:** 104 **RESPONSIBLE MANAGER:** Henry Hash **POSITION:** Director

Description

This program provides for the preliminary engineering, right-of-way, construction engineering, and construction of arterial streets and bridges. The program includes transportation comprehensive plans, streets, bridges, sidewalks, traffic control devices, widening, and lane additions. One-quarter percent real estate excise tax (REET) are used to fund projects.

2017-2018 Accomplishments

- Completed Annual Bridge Inspections and Repair Program in 2017 and 2018.
- ♦ Completed Annual Overlay and Repair and Annual Signal programs in 2017 and 2018.
- ♦ Completed construction of Tukwila Urban Center Pedestrian/Bicycle Bridge.
- Completed construction of Baker Blvd Non-Motorized Project.
- ♦ Completed construction of the Major Maintenance on 3 Bridges Project.
- ◆ Completed construction of the S 144th Street Phase II Project.
- ♦ Completed design of Boeing Access Road Bridge Rehab and started construction
- Began design of Strander Boulevard Extension Phase 3 Project.

2019-2020 Outcome Goals

Improve capacity, safety, and condition of arterial streets.

2019-2020 Indicators of Success

- Finish design and continue to explore funding for Strander Boulevard Extension Phase 3.
- ♦ Complete construction of Boeing Access Road Bridge Rehabilitation.
- Complete construction of Boeing Access Road Bridge over Airport Way Seismic Retrofit.
- ♦ Complete West Valley Highway street and pedestrian improvements.
- ♦ Complete Annual Bridge Inspections and Repair Program for 2019 and 2020.
- ♦ Complete Annual Overlay and Repair and Annual Signal programs in 2019 and 2020.

Revenue and Expenditure Summary

Bridges & Arterial Streets											
		Actual	22.424	0040	Budget			Change			
Operating Revenue	2016	2017	2018*	2018	2019	2020	2018-19	2019-20			
General Revenue											
Parking Taxes	1,573,930	912,333	300,387	206,000	325.000	470,000	57.77%	44.62%			
MFVT Cities	138,796	142,836	142,678	130,000	135,000	137,000	3.85%	1.48%			
Real Estate Excise Taxes	-	-	300,003	400,000	500,000	500,000	25.00%	0.00%			
Total General Revenue	1,712,727	1,055,168	743,068	736,000	960,000	1,107,000	30.43%	15.31%			
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Miscellaneous Revenue											
Investment Earnings	19,711	16,910	11,740	5,000	20,000	20,000	300.00%	0.00%			
Other Miscellaneous Revenue	-	-	-	-	-		0.00%	0.00%			
Total Miscellaneous Revenue	19,711	16,910	11,740	5,000	20,000	20,000	300.00%	0.00%			
Total Operating Revenue	1,732,438	1,072,078	754,808	741,000	980,000	1,127,000	32.25%	15.00%			
Capital Project Revenue											
Road/Street Maint, Repair, Const	_	1,159,805	(0)	_	_	_	0.00%	0.00%			
Impact Fees	441,500	565,445	613,996	628,000	335,000	513,000	-46.66%	53.13%			
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Intergovernmental											
Federal Grants	503,564	2,741,226	12,970,219	15,688,000	5,024,000	44,977,000	-67.98%	795.24%			
State Grants	3,000,529	3,802,834	1,117,553	1,202,000	-	-	0.00%	0.00%			
Local Grants	-	-	-	-	-	-	0.00%	0.00%			
ARRA Bicycle LOS Grant	3,504,093	6,544,060	14,087,772	16,890,000	5,024,000	44,977,000	0.00% -70.25%	0.00% 795.24%			
Total Intergovernmental	3,504,093	0,544,060	14,007,772	16,690,000	5,024,000	44,977,000	-70.23%	793.2470			
Contributions/Donations	117,549	701,034	32,203	30,000	30,000	30,000	0.00%	0.00%			
Bond Proceeds	-	-	-	-	-	-	0.00%	0.00%			
Bond Premium	-	-	-	1	-	-	0.00%	0.00%			
Total Capital Project Revenue	4,063,143	8,970,343	14,733,970	17,548,000	5,389,000	45,520,000	-69.29%	744.68%			
Transfers In	751,000	1,800,000		3,000,000	1,000,000	1,000,000	-66.67%	0.00%			
Total Revenue	6,546,580	11,842,421	15,488,778	21,289,000	7,369,000	47,647,000	-65.39%	546.59%			
Capital Projects											
Overhead (Salaries & Benefits)	104,669	115,504	205,000	445,218	468,260	479,456	5.18%	2.39%			
Interurban Ave S	2,115,211	977,634	200,000	440,210	400,200		0.00%	0.00%			
TUC Transit Center	226,257	1,276	_		_	_	0.00%	0.00%			
Andover Park W (Tuk Pk-Strander)	83,231	-	_	_	-	-	0.00%	0.00%			
TUC Ped/Bicycle Bridge	2,325,490	4,481,306	850,000	600,000	-	-	0.00%	0.00%			
Boeing Access Rd Bridge Rehab.	110,984	359,552	8,557,000	9,900,000	1,207,000	-	-87.81%	0.00%			
Baker Blvd Non-Motorized Improve.	-	777,793	187,000	-	-	-	0.00%	0.00%			
Major Maint. on 3 Bridges	331,786	2,253,811	350,000	1,296,000	-	-	0.00%	0.00%			
Strander Blvd Extension	300,993	340,813	3,319,000	5,555,000	3,720,000	38,389,000	-33.03%	931.96%			
BAR over Airport Way Seismic Retrofit	-	-	100,000	-	267,000	2,614,000	0.00%	879.03%			
BNSF Intermodal Facility Access	68,859	22,203	-	-	-	-	0.00%	0.00%			
S 144th St Phase II	132,745	1,983,409	270,000	1,210,000	-	-	0.00%	0.00%			
TIB & S 144th St Midblock Crossing	72,774	42,630	-	400,000	- 570 000	2 405 000	0.00%	0.00%			
West Valley Hwy 42nd Ave S Bridge Replacement	-	-	-	482,000	572,000	3,195,000 1,600,000	18.67% 0.00%	458.57% 0.00%			
S 119th St Pedestrian Bridge	52,393	32,227	27,000	_	-	1,000,000	0.00%	0.00%			
Annual Overlay	1,421,767	747,225	1,400,000	1,400,000	1,400,000	1,400,000	0.00%	0.00%			
Annual Bridge Inspections	32,639	105,517	300,000	335,000	335,000	335,000	0.00%	0.00%			
Annual Traffic Signals	36,626	11,374	22,000	120,000	120,000	125,000	0.00%	4.17%			
Other Misc. Capital Projects	183,163	153,086	55,315	760,000	306,000	792,000	-59.74%	158.82%			
Total Capital Projects	7,599,587	12,405,360	15,642,315	22,103,218	8,395,260	48,929,456	-62.02%	482.82%			
Beginning Fund Balance	5,052,383	3,999,376	3,436,438	1,347,344	3,282,901	2,256,641	143.66%	-31.26%			
Change in Fund Balance	(1,053,007)	(562,939)	(153,537)	(814,218)	(1,026,260)	(1,282,456)	26.04%	24.96%			
Fund Balance	\$ 3,999,376	\$ 3,436,438		\$ 533,126			323.28%	-56.83%			

Expenditure Detail - Salaries and Benefits

Salaries are based on actual costs for existing positions and include a cost of living adjustment per contractual agreements.

Bridges & Arterial Streets													
Position	2018	2019	2019 Bı	udgeted	2020	2020 Bu	udgeted						
Description	FTE	FTE	Salaries Benefits		FTE	Salaries	Benefits						
Senior Engineer	1	1	\$ 125,216	\$ 34,896	1	\$ 127,680	\$ 35,906						
Program Manager	1	0	-	-	0	-	-						
Project Manager	1	1	112,262	50,284	1	114,672	52,275						
Transportation Contract Engineer	0	1	114,556	32,458	1	114,000	32,921						
Overtime			80,000	7,928		80,000	7,928						
Department Total	3	3	\$ 432,034 \$ 125,565		3	\$ 436,352	\$ 129,030						

Expenditure Detail - Supplies, Services and Other

Services include planning, design, and project management costs, among others. Capital includes construction and purchase of capital assets related to projects accounted for in this fund.

Bridges & Arterial Streets											
		Actual			Budget						
Account Number	2016	2017	2018*	2018	2019	2020					
104.98.543.100.31.00	\$ -	\$ 410	\$ -	\$ -	\$ -	\$ -					
104.98.595.800.31.00 Supplies - Office & Operating	1,534.88	-	-	-	-	-					
Total Supplies	1,535	410	-	-	-	-					
104.98.542.100.41.00 Prof Svcs - Overlay	575,703	632,765	1,140,440	1,147,000	791,000	807,000					
104.98.542.100.43.00 Travel - Overlay	133	115	-	-	1,820,000	1,820,000					
104.98.542.100.44.00 Advertising - Overlay	-	644	521	_	-	-					
104.98.542.100.48.00 Repairs & Maint - Overlay	6,246	339	-	-	-	29,558,804					
104.98.542.100.49.00 Misc - Overlay	190	150	-	-	-	-					
104.98.542.300.48.00 R&M - Roadway, traffic control devices	946,503	805,665	3,112,190	3,315,000	1,730,000	1,740,000					
104.98.542.500.41.00 Prof Svcs - Bridge inspections	-	123	-	-	-	-					
104.98.542.500.48.00 R&M - Bridge inspections	31,508	879,757	589,929	-	-	-					
104.98.542.610.48.00 R&M - Sidewalks	8,114	30,396	-	-	-	-					
104.98.542.630.48.00	-	31,110	3,000	-	-	-					
104.98.542.640.48.00 R&M - Traffic control devices	108,472	2,539	-	-	-	-					
104.98.542.700.48.00	3,871	40,428	2,500	-	-	-					
104.98.543.100.49.00	-	1,340	-	-	-	-					
104.98.544.200.41.00 Prof Svcs - BNSF Study	198,952	235,418	211,120	-	40,000	515,000					
104.98.544.200.48.00 R&M - Strander	19,692	-	-	-	-	-					
104.98.544.700.48.00 R&M - traffic signals	-	-	-	-	-	-					
104.98.595.100.41.00 Prof Svcs - Consulting, permits	28,486	324	-	-	-	-					
104.98.595.100.42.00 Communication - Interurban Ave S	-	-	88	-	-	-					
104.98.595.100.43.00 Travel - Interurban Ave S	-	-	(2,499,968)	-	-	-					
104.98.595.100.44.00 Advertising - Bid ads	-	-	664	-	-	-					
104.98.595.100.45.00 Rentals - Transit center, APW	41	-	-	-	-	-					
104.98.595.100.47.00 Utilities - Strander extension	127	-	-	-	-	-					
104.98.595.300.48.00	24,551	52,983	(6,166,542)	-	-	-					
104.98.595.610.48.00	12,104	-	-	-	-	-					
104.98.595.640.48.00	13,832	13,768	-	-	-	-					
104.98.595.800.42.00 Communication - Data card	280	-	-	-	-	-					
104.98.595.800.45.00 Rentals - Copier rental	1,520	-	-	-	-	-					
104.98.595.800.47.00 Utilities - Water	164	-	-	-	-	-					
104.98.595.800.47.26 Utilities - Surface water	2,390	2,509	1,292	-	-	-					
104.98.595.800.48.00	-	-	123	-	-	-					
Total Services	1,982,877	2,730,374	(3,604,643)	4,462,000	4,381,000	34,440,804					
104.98.595.100.65.00 Capital - Engineering	1,378,947	2,099,630	3,262,445	5,898,000	2,997,740	2,997,740					
104.98.595.200.65.00 Capital - Right of Way	138,319	-	-	-	-	-					
104.98.595.300.65.00 Capital - Roadway	2,123,546	2,392,258	4,233,968	11,298,000	-	11,298,000					
104.98.595.500.65.00 Capital - Structures	1,093,632	3,190,239	1,972,357	-	-	-					
104.98.595.610.65.00 Capital - Sidewalks	36,376	299,067	11,800	-	-	-					
104.98.595.630.65.00 Capital - Construction Projects	39,028	900,636	12,141	-	-	-					
104.98.595.640.65.00 Capital - Traffic Control Devices	55,102	34,193	114,312	-	-	-					
104.98.595.700.65.00 Capital - Roadside Development	341,560	200,690	39,391	-	-	-					
104.98.595.800.64.00 Capital - Machinery & Equipment	-	11,374	-	-	-	-					
Total Other	5,206,511	9,128,087	9,646,414	17,196,000	2,997,740	14,295,740					
Total Supplies, Services and Other	\$ 7,190,923		\$ 6,041,772	\$ 21,658,000	\$ 7,378,740	\$ 48,736,544					
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^{*} Projected

City of Tukwila CAPITAL IMPROVEMENT PROGRAM

for 2019 - 2024

RESIDENTIAL STREETS 103 Fund

CIP Page #	PROJECT TITLE	2019	2020	2021	2022	2023	2024	TOTAL	**Other Sources	After Six Years
2	42nd Ave S Phase III	1,100	0	0	0	0	0	1,100	0	0
3	53rd Ave S (S 137th St - S 144th St)	2,865	0	0	0	0	0	2,865	2,046	0
4	46th Ave S Safe Routes to School	80	1,832	624	0	0	0	2,536	2,536	0
5	Macadam Rd South Complete Street	150	1,847	773	0	0	0	2,770	2,770	0
6	S 152nd St Safe Routes to School	121	1,622	1,083	0	0	0	2,826	2,826	0
7	42nd Ave South Phase IV	0	0	0	0	0	0	0	0	5,590
8	Traffic Calming/Residential Safety	400	400	400	400	400	400	2,400	0	400
	Grand Total	4,716	5,701	2,880	400	400	400	14,497	10,178	5,990

^{**} Denotes other funding sources, grants, or mitigation.

Changes from 2017 to 2019 CIP:

<u>Added</u>

- 4 46th Ave S Safe Routes to School
- 5 Macadam Rd South Complete Streets
- 6 S 152nd St Safe Routes to School
- 7 42nd Ave South Phase IV, created separate page for Phase IV.
- 8 Traffic Calming Program and Small Roadway & Safety Improvements, combined on one page and changed to Traffic Calming/Residential Safety Improvements

Deleted

Cascade View Safe Routes to School Phase II, completed in 2018.

2019 to 2024

PROJECT: 42nd Ave South Phase III Project No. 99410303

DESCRIPTION: Design and construct street improvements, drainage, sidewalks, bike facilities, and driveway adjustments.

JUSTIFICATION: Provide pedestrian and vehicle safety, drainage, and neighborhood revitalization.

STATUS: Phase III (S/C Blvd (154th) - S 160 St), Design began in 2012, construction in 2017. Project No. 99410303

Phase IV (S 139 St - S 131 PI) in beyond. Project No. 99410301

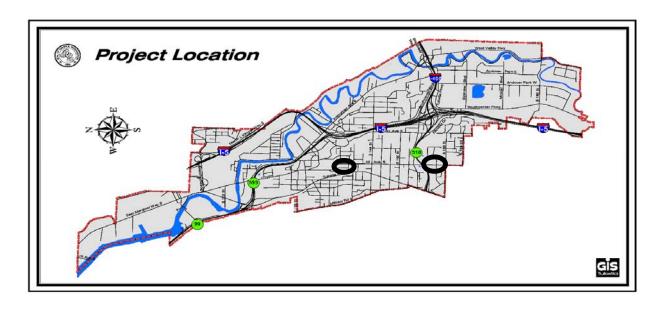
Phase I 90-RW15 (S/C Blvd (154) - 144 St) \$3,796 & Phase II 94-RS02 (144-139) \$1,850, both completed.

MAINT. IMPACT: Reduce pavement, shoulder, and drainage work.

COMMENT:
Only Phase III is shown in active years. Project includes Surface Water's Gilliam Creek 42nd Ave S Culvert project

for \$1.3m and is part of the Walk & Roll Plan. Seattle City Light's funding is a 60/40 underground split.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	1,564									1,564
Land (R/W)										0
Const. Mgmt.	809	688	400							1,897
Construction	2,232	5,231	700							8,163
Undergrounding	508	1,634								2,142
TOTAL EXPENSES	5,113	7,553	1,100	0	0	0	0	0	0	13,766
FUND SOURCES										
Seattle City Light		1,285								1,285
Surface Water	1,415	2,881								4,296
Other Utilities	1	575								576
Bond	6,487									6,487
City Oper. Revenue	(2,790)	2,812	1,100	0	0	0	0	0	0	1,122
TOTAL SOURCES	5,113	7,553	1,100	0	0	0	0	0	0	13,766



2019 to 2024

PROJECT: 53rd Ave S (S 137th St - S 144th St) Project No. 99110301

Design and construct urban residential street improvements that include curb, gutter, sidewalk, undergrounding, **DESCRIPTION:**

and illumination. Street will coordinate with Water \$1.1m, Sewer \$185k, and Surface Water \$920k CIP projects.

JUSTIFICATION: Provide pedestrian and vehicle safety, drainage, and neighborhood revitalization.

STATUS: Undergrounding is included at this time.

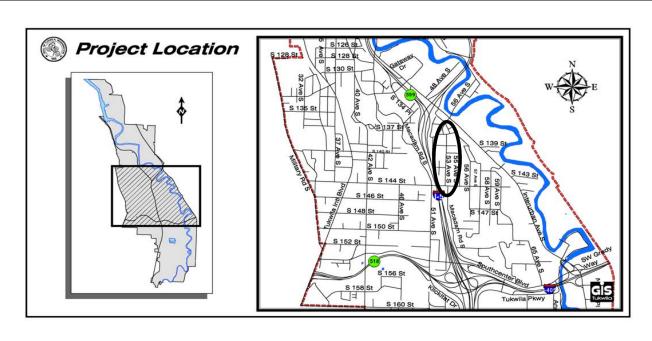
Reduce pavement, shoulder, and drainage work. MAINT. IMPACT:

State TIB grant for \$2.14M for roadway and drainage. See additional pages in Enterprise funds under **COMMENT:**

53rd Ave S Projects. Seattle City Light is now negotiating a 60/40 underground split and undergrounding

costs have been added to project. Bond for \$2 million.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	607	21								628
Land (R/W)	157	47								204
Const. Mgmt.		435	435							870
Construction		3,239	1,550							4,789
Undergrounding		1,379	880							2,259
TOTAL EXPENSES	764	5,121	2,865	0	0	0	0	0	0	8,750
FUND SOURCES										
Utilities W/S/SWM	259	1,161	1,254							2,674
Awarded TIB Grant	65	1,912	364							2,341
Seattle City Light		729	428							1,157
Bond	2,049									2,049
City Oper. Revenue	(1,609)	1,319	819	0	0	0	0	0	0	529
TOTAL SOURCES	764	5,121	2,865	0	0	0	0	0	0	8,750



2019 2024

PROJECT: 46th Ave S Safe Routes to School Project No. 91710301

Install curb, gutter, and sidewalk on the west side of 46th Avenue South. Install a curb bulb-out at **DESCRIPTION:**

the southeastern corner of 46th Ave S and S 144th St and a raised crosswalk on S 144th St with

pedestrian-activated flashing beacons.

Enhance safety for students walking to Foster High School and Showalter Middle School and encourages JUSTIFICATION:

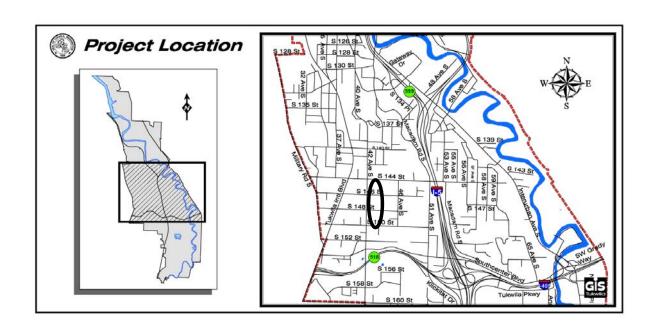
transportation choices for the neighborhood.

STATUS: New project for the 2019 - 2024 CIP.

New sidewalk, pavement, and pedestrian flashing beacon will need to be maintained. **MAINT. IMPACT:**

Safe Routes to School grant submitted in April 2018. COMMENT:

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design			80	100						180
Land (R/W)				232						232
Const . Mgmt.				200	124					324
Construction				1,300	500					1,800
TOTAL EXPENSES	0	0	80	1,832	624	0	0	0	0	2,536
FUND SOURCES										-
Awarded Grant										0
Proposed Grant			80	1,832	624					2,536
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	0	0	0	0	0	0	0	0	0	0
TOTAL SOURCES	0	0	80	1,832	624	0	0	0	0	2,536



2019 2024

PROJECT: Macadam Rd South Complete Street Project No. 91710302

Construction of a complete street design for Macadam Rd South between South 144th St and S 150th St. **DESCRIPTION:**

The project will require roadway widening and re-channelization to add 5-foot bike lanes and 5-foot sidewalks

on both sides of the roadway, and includes illumination, curb, and storm drainage.

Enhance safety for students walking to Foster High School and Showalter Middle School and encourages JUSTIFICATION:

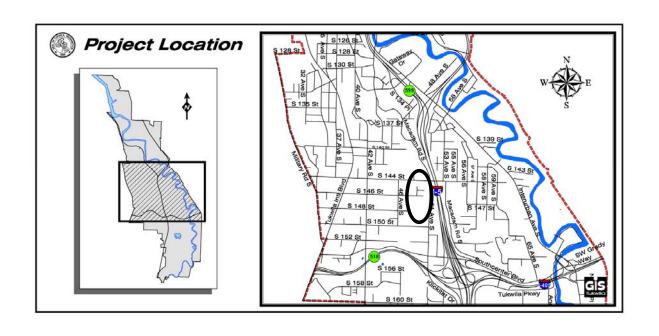
transportation choices for the neighborhood.

STATUS: New project for the 2019 - 2024 CIP.

New sidewalk and pavement will need to be maintained. **MAINT. IMPACT:**

WSDOT Pedestrian/Bicycle grant submitted in April 2018. Match will be the Water Improvements. **COMMENT:**

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design			150	247						397
Land (R/W)				100						100
Const . Mgmt.				200	173					373
Construction				1,300	600					1,900
TOTAL EXPENSES	0	0	150	1,847	773	0	0	0	0	2,770
FUND SOURCES										
Awarded Grant										0
Proposed Grant			150	1,847	773					2,770
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	0	0	0	0	0	0	0	0	0	0
TOTAL SOURCES	0	0	150	1,847	773	0	0	0	0	2,770



2019 2024

PROJECT: S 152nd St Safe Routes to School Project No. 91710303

Install curb, gutter, and sidewalks on both sides of S 152nd St, including widening pavement width by three **DESCRIPTION:**

feet to construct an on-street parking lane as a buffer between the roadway and sidewalk on the north side.

Enhance safety for students walking to Foster High School, Showalter Middle School, and Thorndyke JUSTIFICATION:

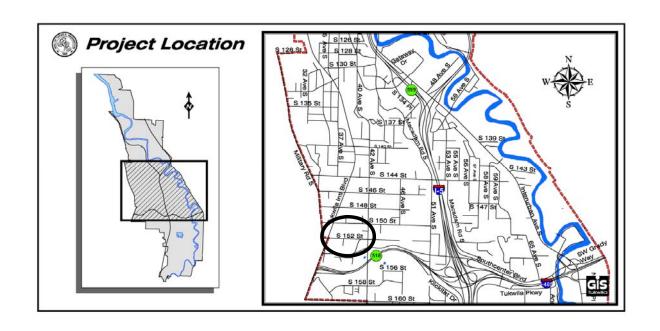
Elementary School and encourage transportation choices for the neighborhood.

STATUS: New project for the 2019 - 2024 CIP.

New sidewalk and pavement will need to be maintained. **MAINT. IMPACT:**

Safe Routes to School grant submitted in April 2018. **COMMENT:**

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design			121	122						243
Land (R/W)										0
Const. Mgmt.				200	183					383
Construction				1,300	900					2,200
TOTAL EXPENSES	0	0	121	1,622	1,083	0	0	0	0	2,826
FUND SOURCES										
Awarded Grant										0
Proposed Grant			121	1,622	1,083					2,826
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	0	0	0	0	0	0	0	0	0	0
TOTAL SOURCES	0	0	121	1,622	1,083	0	0	0	0	2,826



2019 to 2024

PROJECT: 42nd Ave South Phase IV Project No. 99410301

DESCRIPTION: Design and construct street improvements, drainage, sidewalks, bike facilities, and driveway adjustments.

JUSTIFICATION: Provide pedestrian and vehicle safety, drainage, and neighborhood revitalization.

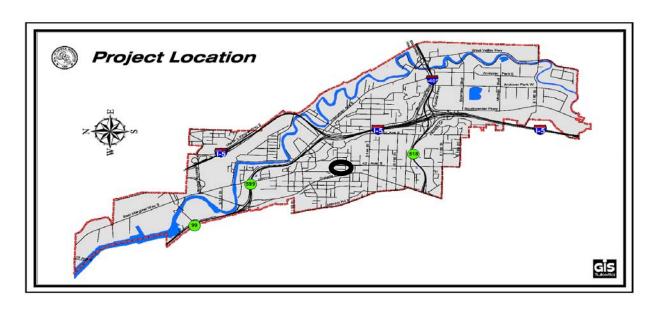
STATUS: Phase IV (S 139 St - S 131 PI) in beyond. Project No. 99410301

Phase III (S/C Blvd (154th) - S 160 St), Design began in 2012, construction in 2017/2018. Project No. 99410303 Phase I 90-RW15 (S/C Blvd (154) - 144 St) \$3,796 & Phase II 94-RS02 (144-139) \$1,850, both completed.

MAINT. IMPACT: Reduce pavement, shoulder, and drainage work.

COMMENT:

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design									645	645
Land (R/W)										0
Const. Mgmt.									645	645
Construction									4,300	4,300
Undergrounding										0
TOTAL EXPENSES	0	0	0	0	0	0	0	0	5,590	5,590
FUND SOURCES										
Seattle City Light										0
Surface Water										0
Other Utilities										0
Bond										0
City Oper. Revenue	0	0	0	0	0	0	0	0	5,590	5,590
TOTAL SOURCES	0	0	0	0	0	0	0	0	5,590	5,590



2019 to 2024

PROJECT: Traffic Calming/Residential Safety Improvements Project No. 90210301

Programmatic approach to addressing neighborhood traffic concerns through a variety of methods. **DESCRIPTION:**

Residential street improvements with sidewalks, safety improvements, and bike facilities.

Neighborhood revitalization by improving residential streets. JUSTIFICATION:

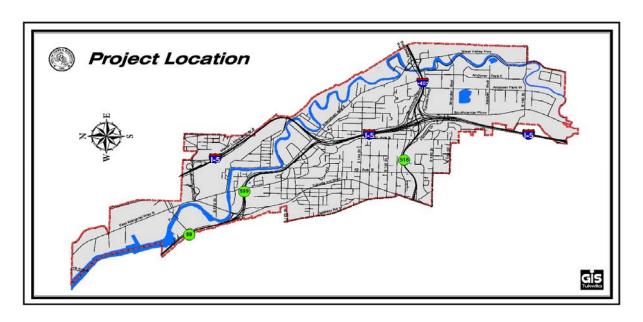
Future candidates are listed in the citywide comprehensive update and safety-based prioritization of STATUS:

residential street improvements, sidewalks, and bike lanes.

Varies, depends on treatment(s) used. MAINT. IMPACT:

COMMENT: Residential improvements have included 42nd Ave S, 53rd Ave S. Speed cushions installed at S 160th St.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	9		80	80	80	80	80	80	80	569
Land (R/W)										0
Const. Mgmt.										0
Construction	38		320	320	320	320	320	320	320	2,278
TOTAL EXPENSES	47	0	400	400	400	400	400	400	400	2,847
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	47	0	400	400	400	400	400	400	400	2,847
TOTAL SOURCES	47	0	400	400	400	400	400	400	400	2,847



City of Tukwila CAPITAL IMPROVEMENT PROGRAM

for 2019 - 2024

BRIDGES & ARTERIAL STREETS 104 Fund

CIP Page #	PROJECT TITLE	2019	2020	2021	2022	2023	2024	TOTAL	**Other Sources	After Six Years
10	Strander Blvd Extension Phase 3	3,720	38,389	37,889	0	0	0	79,998	79,478	0
11	Boeing Access Rd Bridge Rehabilitation	1,207	00,000	07,000	0	0	0	1,207	840	0
12	West Valley Hwy (I-405 - Strander Blvd) *	572	3,195	0	0	0	0	3,767	3,252	0
13	BAR over Airport Way Seismic Retrofit	267	2.614	0	0	0	0	2,881	2,845	0
14	S 144th St Bridge - Sidewalks	216	227	0	0	0	0	443	443	1,210
15	42nd Ave S Bridge Replacement	0	1,600	1,250	6,500	6,400	0	15,750	15,430	0
16	Annual Overlay and Repair Program P	1,400	1,400	1,650	1,650	1,825	1,825	9,750	0	1,875
17	Annual Bridge Inspections and Repairs P	335	335	405	405	450	450	2,380	0	450
18	ADA Improvements	50	50	200	200	200	200	900	0	4,575
19	Annual Traffic Signal Program	120	125	125	130	130	130	760	0	130
20	Wetland & Environmental Mitigation	40	40	45	45	50	50	270	0	50
21	Transportation Element of Comp Plan	0	400	200	0	0	0	600	0	600
22	Walk & Roll Program	0	75	100	0	0	0	175	0	0
23	S 140th St Intersection Improvements	0	0	75	675	0	0	750	675	0
24	Green River Trail Improvements	0	0	74	962	0	0	1,036	896	0
25	APE/Minkler Blvd Intersection *	0	0	0	144	1,570	0	1,714	1,320	0
	APE/Industry Dr Intersection *	0	0	0	0	0	0	0	0	742
	BNSF Intermodal Facility Access	0	0	0	0	0	0	0	0	100
	TUC/TOD Pedestrian Improvements	0	0	0	0	0	0	0	0	4,250
	S 133 St/SR599 Intersection *	0	0	0	0	0	0	0	0	2,420
	E Marginal Way (BAR - S 112 St) *	0	0	0	0	0	0	0	0	3,300
	Minkler Blvd (APW - S/C Pkwy) *	0	0	0	0	0	0	0	0	2,600
	Tukwila Int'l Blvd Phase IV *	0	0	0	0	0	0	0	0	5,050
	Tukwila Int'l Blvd/S 116th Wy/SR599	0	0	0	0	0	0	0	0	4,675
	Traffic Signal Interconnect Program *	0	0	0	0	0	0	0	0	3,000
	S 168 St (S/C Pkwy - APE)	0	0	0	0	0	0	0	0	23,244
	Southcenter Blvd (I-5 - 61st Ave Br)	0	0	0	0	0	0	0	0	20,000
	Rockery Replacement Program	0	0	0	0	0	0	0	0	525
	S 180 St/Andover Pk W Intersection	0	0	0	0	0	0	0	0	235
	S 143 St (Interurban - Duwamish)	0	0	0	0	0	0	0	0	100
	Grand Total	7,927	48,450	42,013	10,711	10,625	2,655	122,381	105,179	79,131

^{*} Traffic Impact Fee List Projects (fees must be used within 10 years).

Changes from 2017 to 2019 CIP: Added:

- 13 Boeing Access Rd over Airport Way Seismic Retrofit
- 15 42nd Ave S Bridge Replacement
- 24 Green River Trail Improvements

Deleted:

TUC Pedestrian/Bicycle Bridge, completed in 2018.

Major Maintenance on 3 Bridges 2018, completed in 2018.

South 144th St Phase II, completed in 2018.

Baker Blvd Non-Motorized Improvements, completed in 2018.

Interurban Ave S, completed in 2017.

Project sheets scheduled beyond 2024 can be found in the City's website under Public Works Capital Improvement Program.

^{**} Denotes other funding sources, grants, or mitigation.

P - Preservation accounting codes per GASB 34

2019 2024

PROJECT: Strander Blvd Extension Phase 3 Project No. 98610403

Design and construct arterial improvements for a new roadway extending Strander Blvd/SW 27th St **DESCRIPTION:**

from West Valley Highway to Naches Ave SW in the City of Renton.

JUSTIFICATION: East/west capacity between I-405 and S 180 St is needed to serve Tukwila and Renton access.

> Project segregated into three phases. Phase I extended Stander Blvd/SW 27th St from Oaksdale Ave to Naches Ave SW. Phase II constructed a 2 lane road from Naches to the Sounder Train's Tukwila Longacres

Station's parking lot. Paid Renton \$1m for Phase I & II. Phase III will construct the undercrossing of the

UPRR and complete the 4 lane roadway from West Valley Hwy in Tukwila to Naches Ave SW in Renton.

MAINT. IMPACT: New street.

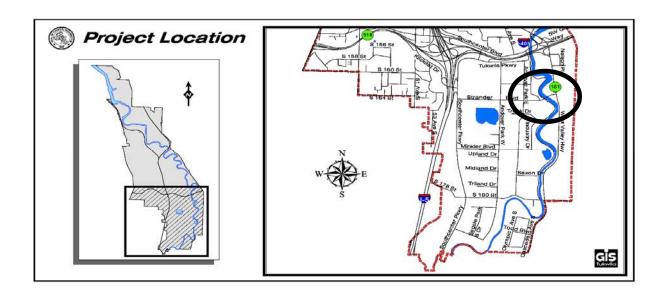
STATUS:

Project partners include the City of Renton, Boeing, WSDOT, FMSIB, Sound Transit, Metro, Amtrak, and **COMMENT:**

BNSF and UP Railroads. Funds in 2015-16 are for updated cost estimates and grant applications.

STP (PSRC), FAST Lane, and TIGER grants were submitted in 2016.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	359	3,269	2,000							5,628
Land (R/W)	104		1,720							1,824
Wetland Mitigation		50		500						550
Const. Mgmt.				2,000	2,000					4,000
Construction				35,889	35,889					71,778
TOTAL EXPENSES	463	3,319	3,720	38,389	37,889	0	0	0	0	83,780
FUND SOURCES										
Awarded STP Grant		1,946	3,200							5,146
Awarded Fastlane Gr	ant			2,500	2,500					5,000
Awarded FMSIB Gran	nt			2,500	2,500					5,000
Proposed State/Fede	ral			33,389	28,129					61,518
Proposed STP Grant					4,760					4,760
City Oper. Revenue	463	1,373	520	0	0	0	0	0	0	2,356
TOTAL SOURCES	463	1,373	3,720	38,389	37,889	0	0	0	0	83,780



2019 to 2024

PROJECT: Boeing Access Rd over BNRR Bridge Rehabilitation Project No. 99410408

Rehabilitate the existing bridge with a 340' long concrete or steel bridge structure. It will be 6 lanes **DESCRIPTION:**

and have a sidewalk on one side.

The existing bridge is structurally and seismically deficient. Several pedestals are leaning, have concrete JUSTIFICATION:

spalls, exposed rusty anchor bolts and reinforcements and some cracks. The existing railings do not meet

current bridge standards.

Type, size, and location draft report (specifically required for bridges) was completed in 2005. Federal STATUS:

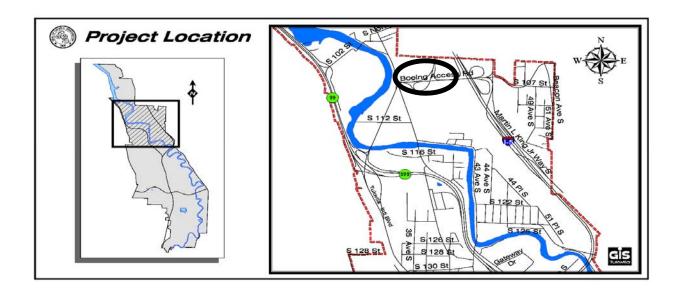
grant applications were submitted in 2008 and 2010 and the bridge rehabilitation was successful for

funding in 2012 for federal bridge funds. A Public Works Trust Fund (PWTF) loan was rescinded in 2013.

MAINT. IMPACT: Maintenance will be reduced.

Bridge will be rehabilitated in phases to allow continued traffic use. Federal bridge grant of \$9,745,600 **COMMENT:** requires a 20% local match. A bond issue for the City match was issued in 2015 with the Interurban Ave S.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	1,419									1,419
Land (R/W)										0
Const. Mgmt.	301	1,833	157							2,291
Construction		6,724	1,050							7,774
TOTAL EXPENSES	1,720	8,557	1,207	0	0	0	0	0	0	11,484
FUND SOURCES										
Awarded Grant	1,232	6,971	840							9,043
Proposed Grant										0
Fund Balance-Bond	2,441									2,441
Mitigation										0
City Oper. Revenue	(1,953)	1,586	367	0	0	0	0	0	0	0
TOTAL SOURCES	1,720	8,557	1,207	0	0	0	0	0	0	11,484



2019 to 2024

PROJECT: West Valley Hwy (I-405 - Strander Blvd) Project No. 99310410

Design and construct completion of seven lane sections of West Valley Hwy with curbs, gutters, storm

drainage, lighting and traffic control, and a pedestrian activated signal near the Southcenter Pedestrian Bridge. **DESCRIPTION:**

Shared use path on west side of West Valley Highway from the pedestrian bridge to Longacres Way S.

JUSTIFICATION: Safety and capacity items need completion. Portions have been completed by development.

Combined with W Valley Hwy/S 156th Intersection in 2017. Continuing to work with development. Grant STATUS:

funding obtained for design and construction of West Valley Highway section. No funding for construction

Longacres Way identified yet.

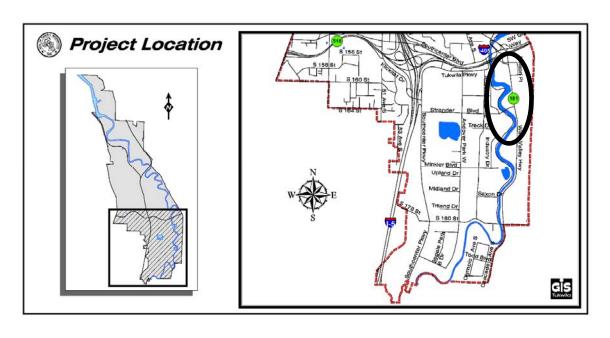
Reduced maintenance. **MAINT. IMPACT:**

Project is on Traffic Impact Fee List. Grants from Federal CMAQ awarded for \$628k that includes \$112k for **COMMENT:**

design of sidewalk/bike path on Longacres Way (S 158th St) and State Transportation Improvement

Board grant of \$1.3m for 2018/2019.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	16	60	472							548
Land (R/W)			100							100
Const. Mgmt.				430						430
Construction				2,765						2,765
TOTAL EXPENSES	16	60	572	3,195	0	0	0	0	0	3,843
FUND SOURCES										
Awarded TIB Grant		58	350	2,026						2,434
Awarded CMAQ Gran	it		187	441						628
Mitigation										0
Traffic Impact Fees			35	213						248
City Oper. Revenue	16	2	0	515	0	0	0	0	0	533
TOTAL SOURCES	16	60	572	3,195	0	0	0	0	0	3,843



2019 to 2024

PROJECT: **Boeing Access Rd over Airport Way Seismic Retrofit** Project No. 91310407

Provide seismic modifications to the Boeing Access Road over Airport Way Bridge to allow it to withstand **DESCRIPTION:**

earthquake forces.

The Boeing Access Road over Airport Way Bridge is the final bridge on the corridor from I-5 to the King JUSTIFICATION:

County Airport and Boeing facilities that has not been seismically upgraded. This improvement would

allow the entire corridor to be seismically resistant during an earthquake.

New Project for 2019 - 2024 CIP. Design is scheduled to begin in the second quarter of 2018 with STATUS:

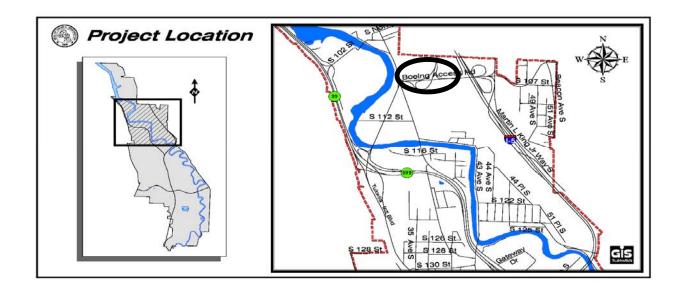
construction in 2020.

Maintenance should remain the same after the seismic items are installed. MAINT. IMPACT:

Design requires a 13.5% match. If construction is not authorized by December 2020, the City would be required to provide a 13.5% match. If construction is authorized prior to that date, there would be no City **COMMENT:**

match. We believe that the project can obtain the construction authorization so no City funding is listed below.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design		100	267							367
Land (R/W)										0
Const. Mgmt.				520						520
Construction				2,094						2,094
TOTAL EXPENSES	0	100	267	2,614	0	0	0	0	0	2,981
FUND SOURCES										
Awarded BRAC Gran	t	87	231	2,614						2,932
Proposed Grant										0
Fund Balance-Bond										0
Mitigation										0
City Oper. Revenue	0	13	36	0	0	0	0	0	0	49
TOTAL SOURCES	0	100	267	2,614	0	0	0	0	0	2,981



2019 to 2024

PROJECT: S 144th St Bridge - Sidewalks

Project No. 90310404

DESCRIPTION:

Design of pedestrian improvements to the S 144th Street bridge over I-5, to include structural, civil, environmental, and traffic design to obtain PS&E. Project will widen the existing pedestrian pathway on the bridge from three feet to six feet with a barrier to separate automobile and pedestrian traffic.

JUSTIFICATION:

Improve pedestrian safety, particularly for Foster High School and Showalter Middle School students.

STATUS:

Design work to determine feasibility of widening the sidewalk on the existing bridge over I-5 and gain

WSDOT approval. If feasible, construction funding will need to be identified.

MAINT. IMPACT:

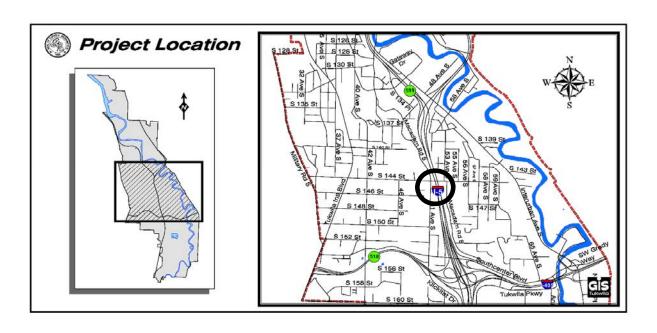
Minimal for additional sidewalk width.

COMMENT:

New approach is to widen the sidewalks on the existing bridge instead of modifying the bridge to provide extra width as was originally proposed. Grant applications submitted in 2013 and 2016 were unsuccessful.

A WSDOT Pedestrian/Bike grant application for design only was submitted in April 2018.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design			216	227						443
Land (R/W)										0
Const. Mgmt.									160	160
Construction									1,050	1,050
TOTAL EXPENSES	0	0	216	227	0	0	0	0	1,210	1,653
FUND SOURCES										
Awarded Grant										0
Proposed Grant			216	227						443
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue	0	0	0	0	0	0	0	0	1,210	1,210
TOTAL SOURCES	0	0	216	227	0	0	0	0	1,210	1,653



2019 to 2024

PROJECT: 42nd Ave S Bridge Replacement Project No. 91810404

DESCRIPTION:Design and construct a replacement structure for the existing 42nd Ave S Bridge near the

Tukwila Community Center.

JUSTIFICATION: The current bridge has a sufficiency rating of 7.6 (out of 100), is load restricted for AASHTO Type 3 trucks

and is structurally deficient. Truck speed was reduced to 15 mph in 2018.

STATUS: New project for 2019 - 2024 CIP. In 2017, Bridge Replacement Advisory Committee (BRAC) funding was

submitted, but not awarded. If there is a BRAC funding round in 2019, staff will apply for those grant funds.

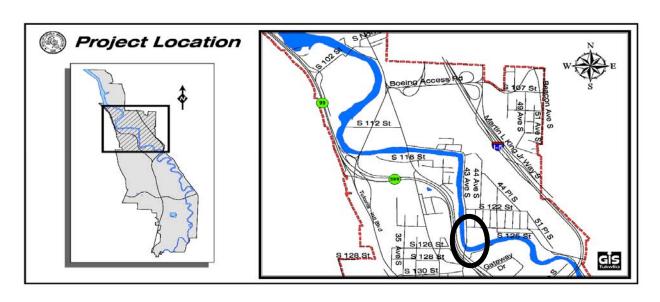
MAINT. IMPACT: New bridge.

BRAC funding would be at 80% match for up to \$12.5 million. Project partners may include BNSF

COMMENT: Railroad as they have over 1,800 trips a day on the 42nd Ave S Bridge and it is the only ingress/egress

available for their intermodal yard.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design				1,600						1,600
Land (R/W)					1,000					1,000
Wetland Mitigation/Me	onitoring				250	250	250			750
Const. Mgmt.						750	750			1,500
Construction						5,500	5,400			10,900
TOTAL EXPENSES	0	0	0	1,600	1,250	6,500	6,400	0	0	15,750
FUND SOURCES										
Awarded Grant										0
Proposed Grant				1,280	800	5,000	4,920			12,000
Fund Balance-Bond					450	1,500	1,480			3,430
Mitigation										0
City Oper. Revenue	0	0	0	320	0	0	0	0	0	320
TOTAL SOURCES	0	0	0	1,600	1,250	6,500	6,400	0	0	15,750



2019 to 2024

PROJECT: Annual Overlay and Repair Program Project No. 9xx10401

DESCRIPTION: Select, design and construct asphalt and concrete pavement overlays of arterial and residential streets.

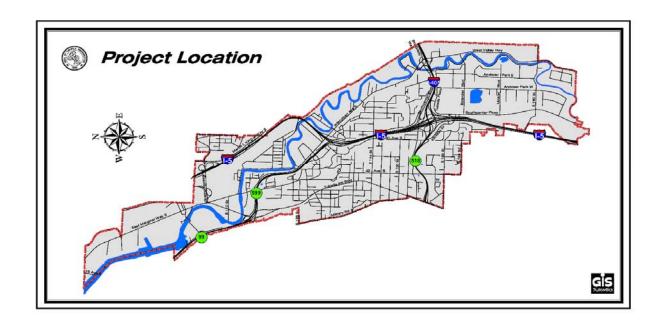
JUSTIFICATION: Preserve and maintain the street structure in a safe and useable state by resurfacing before failure which also minimizes costs. Some individual sites may be coordinated with water, sewer, and surface water projects.

STATUS: Each year various sections of roadway throughout the City are designed and constructed for asphalt overlay.

MAINT. IMPACT: Reduces annual maintenance.

COMMENT: Ongoing project. Only one year actuals shown in first column.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	149	150	150	150	175	175	200	200	225	1,574
Land (R/W)										0
Const. Mgmt.	151	200	200	200	225	225	275	275	275	2,026
Construction	526	1,050	1,050	1,050	1,250	1,250	1,350	1,350	1,375	10,251
TOTAL EXPENSES	826	1,400	1,400	1,400	1,650	1,650	1,825	1,825	1,875	13,851
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	826	1,400	1,400	1,400	1,650	1,650	1,825	1,825	1,875	13,851
TOTAL SOURCES	826	1,400	1,400	1,400	1,650	1,650	1,825	1,825	1,875	13,851



2019 to 2024

PROJECT: Annual Bridge Inspections and Repairs Project No. 9XX10402

Ongoing program of bi-annual inspections, repairs, painting and rehabilitation of the 22 City bridges. **DESCRIPTION:**

Federally required program identifies safety or repair needs in the early stages to minimize hazards and JUSTIFICATION:

costs. The number of bridge inspections necessary each year can vary year to year. Inspection frequencies

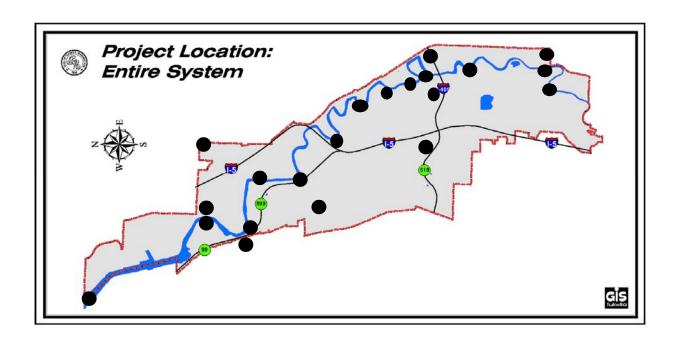
vary from bridge to bridge and King County has provided some inspection services.

STATUS: Construction projects will be determined from inspection reports and noted deficiencies/problems.

Reduces maintenance costs. MAINT. IMPACT:

COMMENT: Ongoing project, only one year actuals are shown in the first column.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	141	45	45	45	55	55	65	65	65	581
Land (R/W)										0
Const. Mgmt.	1	40	40	40	50	50	60	60	60	401
Construction	32	250	250	250	300	300	325	325	325	2,357
TOTAL EXPENSES	174	335	335	335	405	405	450	450	450	3,339
FUND SOURCES										
Awarded Grant										
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	174	335	335	335	405	405	450	450	450	3,339
TOTAL SOURCES	174	335	335	335	405	405	450	450	450	3,339



2019 to 2024

PROJECT: Americans with Disabilities Act (ADA) Improvements Project No. 91210405

DESCRIPTION: Construct ADA compliant upgrades to City infrastructure in conjunction with a City developed plan.

JUSTIFICATION: The enforcement of ADA laws and standards was delayed pending legal challenges and studies. Recent court rulings now mandate ADA compliance. The City must provide upgrades with most construction projects.

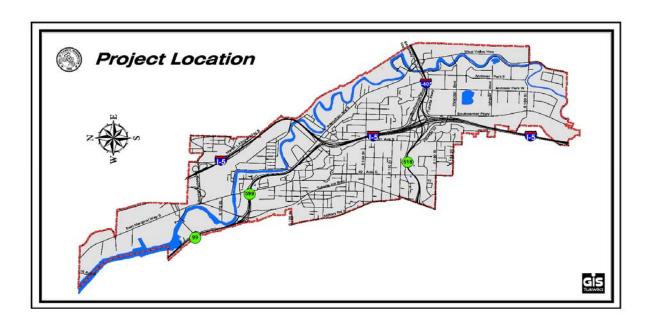
STATUS: Provide annual funding to construct improvements as necessary. Began the ADA Transition Plan in 2016 with adoption in 2017. The goal is to resolve ADA compliance issues within a reasonable time period.

MAINT. IMPACT: Negligible.

COMMENT: Project will be ongoing until City facilities and infrastructure meet ADA requirements. This will also

include ADA compliance by utilities and private development.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	228	25	15	15	25	25	25	25	25	408
Land (R/W)										0
Const. Mgmt.	25	25	10	10	25	25	25	25	550	720
Construction	103	150	25	25	150	150	150	150	4,000	4,903
TOTAL EXPENSES	356	200	50	50	200	200	200	200	4,575	6,031
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue	356	200	50	50	200	200	200	200	4,575	6,031
TOTAL SOURCES	356	200	50	50	200	200	200	200	4,575	6,031



2019 to 2024

PROJECT: Annual Traffic Signal Program Project No. 8xx10404

DESCRIPTION:

Design and construct traffic signal upgrades and repairs of signals that exceed routine maintenance work;

Design and construct traffic signal upgrades and repairs of signals that exceed routine maintenance work;

loop replacement, head replacement, and controllers. Replace direct bury cable for existing lighting system.

JUSTIFICATION: City is adding traffic signals to inventory every year.

STATUS: LEDs are on a 4 to 5 year replacement cycle. Work includes adding additional signal heads, luminaires, loop

repairs, and controller upgrades including signal timing and coordination plans.

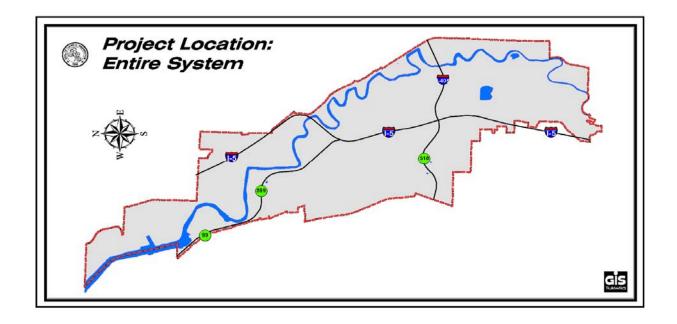
MAINT. IMPACT:

Reduces maintenance costs. Preventative maintenance on every traffic signal is required to be completed

quarterly.

COMMENT: Ongoing project, only one year actuals shown in first column.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	25	35	40	45	45	50	50	50	50	390
Land (R/W)										0
Const. Mgmt.	14									14
Equipment/Const.	39	5	80	80	80	80	80	80	80	604
TOTAL EXPENSES	78	40	120	125	125	130	130	130	130	1,008
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue	78	40	120	125	125	130	130	130	130	1,008
TOTAL SOURCES	78	40	120	125	125	130	130	130	130	1,008



2019 2024

Project No. 11301302

PROJECT: Wetland & Environmental Mitigation

Provide annual maintenance of wetland, stream, or other environmental mitigation commitments until

accepted by the permitting agency.

DESCRIPTION:

Some capital improvement projects have been approved contingent upon environmental mitigation JUSTIFICATION:

requirements. Examples include: wetlands and streams.

Annual work is required to prepare mitigation reports and provide the necessary mitigation maintenance STATUS:

that in-house staff is unable to do in addition to their normal workload.

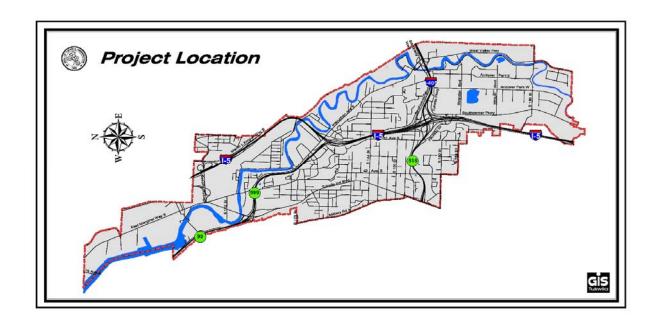
Significant annual weeding, plant replacement, and preparation of monitoring reports is required. MAINT. IMPACT:

Ongoing projects, only previous year shown in 2017. S 180th St Grade Separation wetland mitigation

completed. Southcenter Pkwy Extension wetland and stream mitigation started in 2013. TUC Ped/Bridge **COMMENT:**

& 42nd Ave S mitigation to start in 2018/2019.

FINANCIAL	Through									
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design										0
Land (R/W)										0
Const. Mgmt.										0
Repairs & Maintenand	7	20	40	40	45	45	50	50	50	347
TOTAL EXPENSES	7	20	40	40	45	45	50	50	50	347
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Proposed Mitigation										0
City Oper. Revenue	7	20	40	40	45	45	50	50	50	347
TOTAL SOURCES	7	20	40	40	45	45	50	50	50	347



2019 to 2024

PROJECT: Transportation Element of Comprehensive Plan

Project No. 91510409
90810406

DESCRIPTION: Update Transportation Element of the Comprehensive Plan to include updated traffic model and street

network plan.

JUSTIFICATION:

Growth Management Act transportation concurrency and traffic impact mitigations need updated traffic

and capital planning. Adoption by 2012 required by Community Trade and Economic Development (CTED).

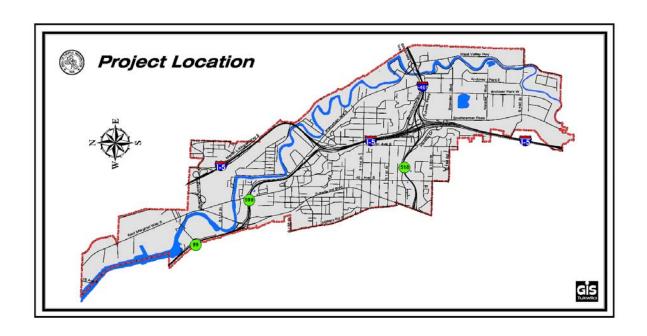
STATUS: Update every 8 years. Transportation Element will be coordinated with updates to Comprehensive Plan

by the Department of Community Development. Next update is scheduled for 2021.

MAINT. IMPACT: None.

COMMENT: An update to the Transit Plan as a portion of the Transportation Element of the Comp Plan began in 2015.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	529			400	200				600	1,729
Land (R/W)										0
Const. Mgmt.										0
Construction										0
TOTAL EXPENSES	529	0	0	400	200	0	0	0	600	1,729
FUND SOURCES										
Awarded Grant	70									70
Proposed Grant										0
Mitigation										0
Impact Fees										0
City Oper. Revenue	459	0	0	400	200	0	0	0	600	1,659
TOTAL SOURCES	529	0	0	400	200	0	0	0	600	1,729



2019 to 2024

PROJECT: Walk & Roll Program (Nonmotorized Transportation Plan) Project No. 90710404

DESCRIPTION: Evaluate deficiencies and create a prioritized list of projects and recommended design standards.

Enhance bicycle, pedestrian, and vehicle safety, transportation choices, and encourage walking and JUSTIFICATION:

biking as an alternative.

Walk & Roll Plan was adopted in 2009. A Design Report for highest priority sidewalks and bicycle routes STATUS:

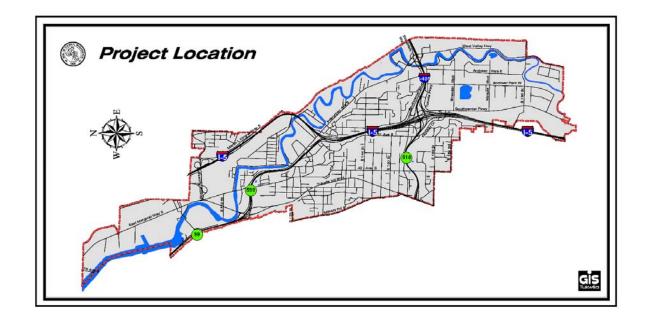
was completed in 2010. A multi-modal level of service is identified as an outstanding program element in

the City's Transportation Plans.

MAINT. IMPACT:

Ongoing program, intent is to sync up the non-motorized with the motorized transportation planning, which is **COMMENT:** conducted on a six-year cycle. Next Transportation Element of Comp Plan update will be in 2021.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	63	140		75	100					378
Land (R/W)										0
Const. Mgmt.										0
Construction	8									8
TOTAL EXPENSES	71	140	0	75	100	0	0	0	0	386
FUND SOURCES										
Awarded Grant	8									8
Proposed Grant										0
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue	63	140	0	75	100	0	0	0	0	378
TOTAL SOURCES	71	140	0	75	100	0	0	0	0	386



2019 2024

PROJECT: S 140th St Intersection Improvements Project No. 91610405

Design and construct a new traffic signal at the S 140th St/Tukwila International Blvd intersection. **DESCRIPTION:**

Design and construct a new RRFB crossing near the S 114st Street/Tukwila International Blvd Intersection.

Pedestrian crossing volumes across Tukwila Int'l Blvd warrant a signalized crossing. Short term installation **JUSTIFICATION:** of a Rapid Flashing Beacon with ADA ramps will improve pedestrian safety. A full traffic signal at S 140th

St will increase pedestrian safety, improve vehicle turning opportunities, and southbound traffic volumes.

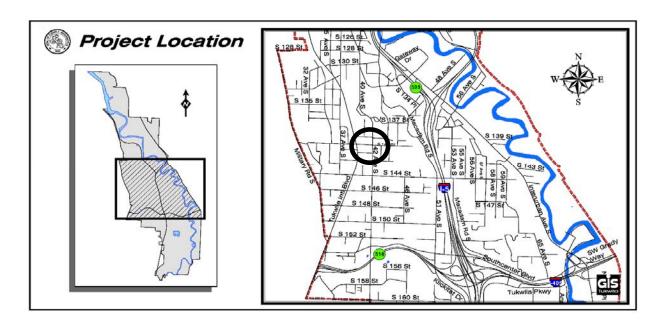
Will apply for TIB Sidewalk Grant in 2018 and additional grant in 2020 through the Federal Pedestrian/Bicycle STATUS:

Program.

MAINT. IMPACT: Maintain a new traffic signal and RRFB crossing.

COMMENT: Grant applied for through Federal Pedestrian/Bicycle Program was unsuccessful in 2016.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design					75					75
Land (R/W)						50				50
Const. Mgmt.						80				80
Construction						545				545
TOTAL EXPENSES	0	0	0	0	75	675	0	0	0	750
FUND SOURCES										
Awarded Grant										0
Proposed Grant					67	608				675
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue	0	0	0	0	8	67	0	0	0	75
TOTAL SOURCES	0	0	0	0	75	675	0	0	0	750



2019 2024

PROJECT: **Green River Trail Improvements** Project No. 91810403

Construct a widened trail section between the west landing of the Southcenter Pedestrian Bridge and the **DESCRIPTION:**

shared use path on Christensen Road. Includes illumination, CCTV, and provides the fiber connection to

the Pedestrian Bridge for operation of CCTV and communication to the light controllers and ped/bike counter.

Wider trail section is needed to accommodate the intermingling of trail and bridge users by providing a **JUSTIFICATION:**

wider trail and improved safety features.

STATUS: New project for 2019 - 2024 CIP. Designed and permitted as part of the TUC Pedestrian/Bicycle Bridge.

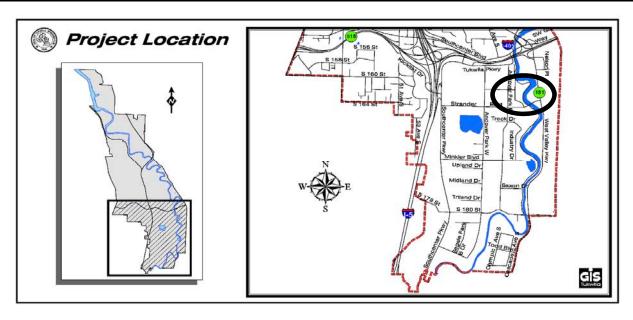
MAINT. IMPACT: Reduced pavement repairs, increased maintenance for illumination and CCTV upkeep

Project is a subset of the TUC/TOD Pedestrian Improvements Project (90710405) and related to the TUC

Pedestrian/Bicycle Bridge Project (90510403) and Baker Boulevard Non-Motorized (91610409). All **COMMENT:** permitting and mitigation was completed as part of the Ped Bridge project. Permitting expires

by 2022, delays past this date would need new permit approvals. PSRC grant application in 2018.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design					74					74
Land (R/W)										0
Const. Mgmt.										0
Construction						962				962
TOTAL EXPENSES	0	0	0	0	74	962	0	0	0	1,036
FUND SOURCES										
Awarded Grant										0
Proposed Grant					64	832				896
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue					10	130	0	0	0	140
TOTAL SOURCES	0	0	0	0	74	962	0	0	0	1,036



2019 to 2024

PROJECT: Andover Park E/Minkler Blvd Intersection * Project No. 90310405 Zone 1

DESCRIPTION: Design and construct left turn lanes on Andover Park East and reconstruct traffic signal.

JUSTIFICATION: Improve safety and provide needed capacity.

STATUS: Design completed to 60% in 2015. Project on hold pending additional funding.

MAINT. IMPACT: Annual signal re-lamping and routine operations.

COMMENT: Project is on Traffic impact fee list. Mitigation of \$19,622.55 from Westfield Mall.

FINANCIAL	Through	Estimated								
(in \$000's)	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	118	2				134				254
Land (R/W)						10				10
Const. Mgmt.							205			205
Construction							1,365			1,365
TOTAL EXPENSES	118	2	0	0	0	144	1,570	0	0	1,834
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual	20									20
Traffic Impact Fees						111	1,209			1,320
City Oper. Revenue	98	2	0	0	0	33	361	0	0	494
TOTAL SOURCES	118	2	0	0	0	144	1,570	0	0	1,834

