



City of Stevenson

Public Works Department

(509)427-5970

7121 E Loop Road, PO Box 371
Stevenson, Washington 98648

TO: Stevenson City Council

FROM: Karl Russell, Public Works Director and Leana Kinley, City Administrator

DATE: 5/20/21

SUBJECT: Transportation Improvement Program (TIP)

All Cities, Towns, and Counties are required to adopt a 6-year Transportation Improvement Program. Elements of the program should contain fiscally constrained projects for the first four years, and projects of regional significance shall be submitted to the Regional Transportation Planning Organization (RTPO) for inclusion in their respective TIP's, where applicable. The RTPO then submits their regional TIP to Washington State Department of Transportation (WSDOT) for inclusion into the Statewide Transportation Improvement Program (STIP).

Programs are required to be adopted by July 1st of each year and requires at least one public hearing (RCW 35.77.010). Copies shall be submitted to WSDOT within 30 days of adoption.

All projects receiving Federal Highway Administration (FHWA) or Federal Transit Administration (FTA) funds must be in the regional TIP and STIP in order to authorize the funds. In addition, all regionally significant projects in the state (whether state or federally funded), including WSDOT projects, that have committed or reasonably available funding and are expected to begin within the next four years from STIP adoption are required to be in the regional TIP and STIP.

The transportation projects that are listed in TIP go through a process in which the City of Stevenson uses a prioritization system to determine which road systems will be upgraded/rebuilt and in what order. Road projects may not always take place in order of prioritization due to funding eligibility and grant program criteria. The City Council has the ultimate say in which projects are approved and the order in which these projects will be completed.

The initial plan for this revision was for inclusion in the Capital Improvement Program project, which has been delayed. The projects reflected are a continuation from last year's approved TIP, with date changes. The transportation study, which has been on the TIP since as early as 2008, is expected to be completed by the end of 2021 for a comprehensive picture on the condition of the infrastructure and to inform project prioritization.

The following documents include:

- A summary and overview of all projects on the TIP and with changes highlighted in red.
- A brief overview of the projects including a map and associated improvements.
- The formal TIP worksheet for submittal to WSDOT.
- A worksheet for descriptions of acronyms used in the TIP worksheet.

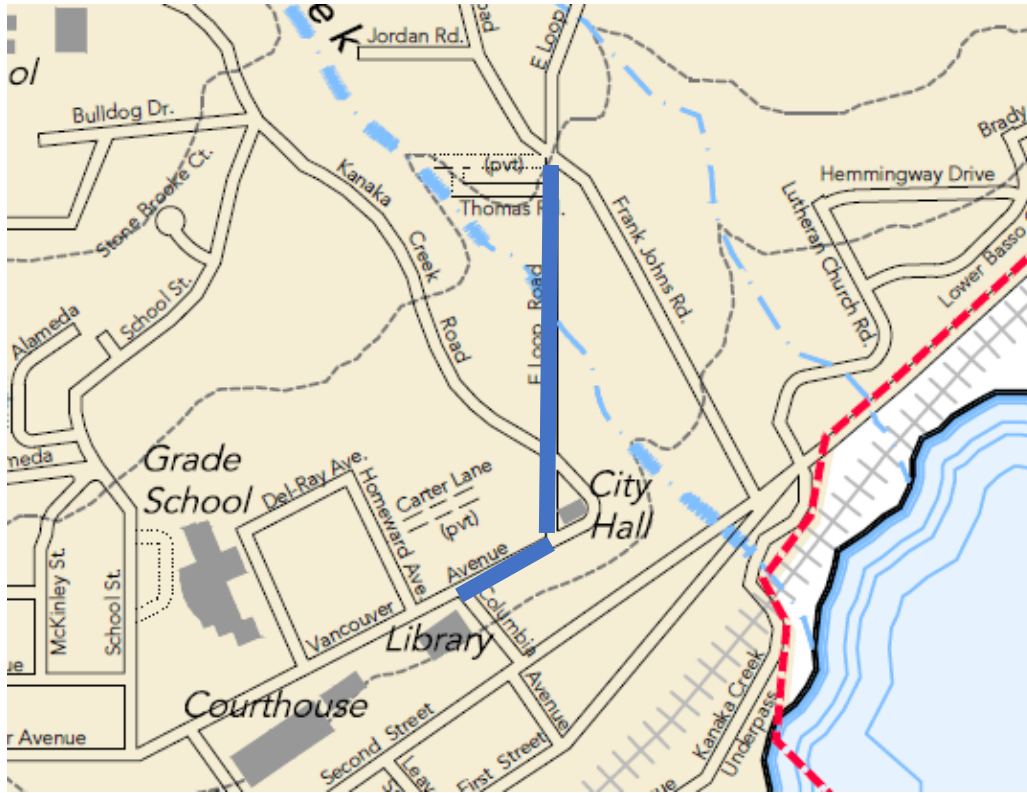
2022-2027 TIP Summary Overview

Date changes highlighted in red with the initial dates indicated by the arrows.

6-year Street TIP 2022-2027	2020	2021	2022	2023	2024	2025	2026	2027	2020-2027	Initial TIP*
First Street	186,000	659,000							845,000	2018
Loop Road Grind and Inlay		--->		390,000					390,000	2020
School Street Grind and Inlay			440,000						440,000	2020
Kanaka Underpass-Phase 1			88,000						88,000	1998
Kanaka Underpass-Phase 2			--->		320,000				320,000	1998
Roosevelt St. Overlay			--->					670,000	670,000	1998
Leavens Overlay			225,000						225,000	2005
Iman Loop-Iman Cemetery Sidewalk			--->					75,000	75,000	2008
Stormwater System Repair & Upgrade			500,000						500,000	2012
Lakeview St			--->					74,000	74,000	2008
Foster Creek Rd (acquire additional ROW)				-					-	2014
Chipseal McEvoy, Wisteria, Ridgecrest				36,000					36,000	2008
Loop Rd. Sidewalk				--->				200,000	200,000	1998
Chipseal Vancouver				45,000					45,000	1998
Frank Johns Sidewalk (Loop-Second)				75,000	374,000				449,000	2019
Monda Rd (straighten out intersection)				--->				80,000	80,000	2008
Vancouver Sidewalk-East End					--->			125,000	125,000	2005
Rock Creek Bridge Replacement					--->		1,301,000	6,899,000	8,200,000	2008
Chipseal (Major, Hillcrest, E. Loop Rd.)						--->		35,000	35,000	2008
Chipseal (Lasher, Roselawn)						23,000			23,000	2013
Roselawn Ave Overlay						165,000			165,000	2005
Del Ray Ave							--->	400,000	400,000	2016
Columbia Ave Realignment						625,000	1,200,000		1,825,000	2021
Russell Phase 2 (Vancouver-Second)								400,000	400,000	2005
Total Street CIP by Year	186,000	659,000	1,253,000	546,000	694,000	813,000	2,501,000	8,958,000	15,610,000	

*The initial TIP date is the TIP year the project (or part of the project) was found to be placed on the TIP. This was a quick search and did not include records prior to 1998 and from 1999-2004, 2006-2007 and 2010. The year listed is the TIP reporting year, which means the schedule was adopted in the summer prior (the 2018 TIP was adopted by July of 2017).

2022 6-year TIP Update Project Maps



#27 Loop Road Grind and Inlay-
Repair stormwater, replace water lines, underground utilities, extend sewer, grind and inlay.
\$390k
June 2023

#26 School Street Grind and Inlay-Repair stormwater, replace waterlines, grind and inlay.
\$440k
June 2022



#10 Kanaka Creek Underpass Phase 1-Rebase, surface road, modify drainage, prime and chipseal.
\$88k
Jan 2022

2022 6-year TIP Update Project Maps

#11 Kanaka Creek Underpass Phase 2-Improve underpass bridge.

\$320k

Jan 2024



#5 Roosevelt Street Overlay – Sidewalks, storm drain, overlay.

\$670k

Jan 2027

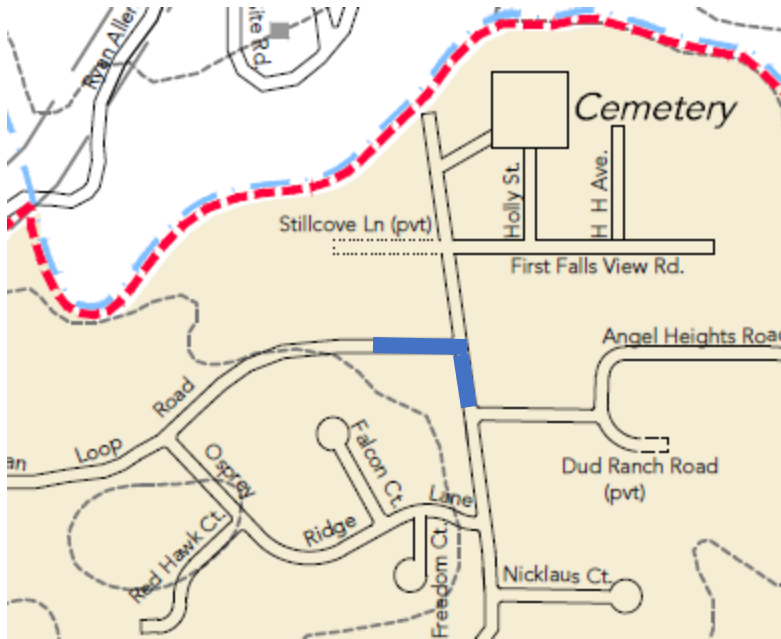
#4 Leavens Overlay – Remove/grind deteriorated sections of asphalt, add sidewalk on west side.

\$225k

Aug 2022



2022 6-year TIP Update Project Maps



#14 Iman Loop-Iman Cemetery Sidewalk – Continue sidewalk and curbing
\$75k
Sept 2027

#21 City wide stormwater system repair and upgrade
\$500k
July 2022

#6 Lakeview Street – rebuild and pave Lakeview, improve storm drainage

\$74k

July 2027

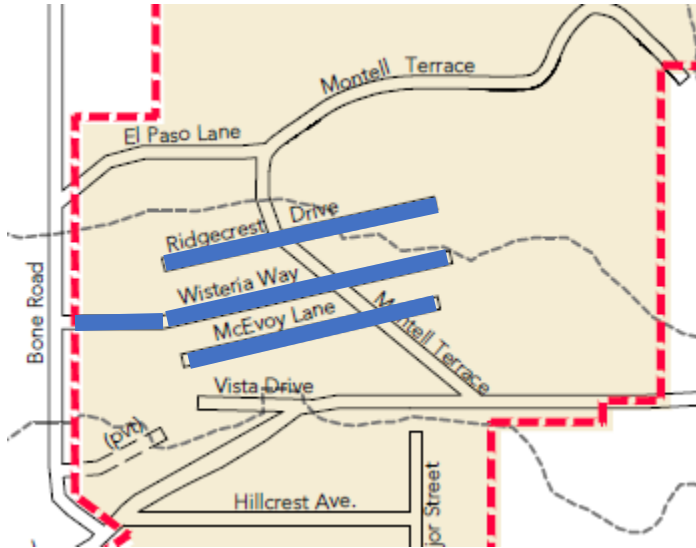


#7 Foster Creek Road – Acquire additional Right of Way

Jan 2023



2022 6-year TIP Update Project Maps



#8 Chipseal Program – McEvoy Lane, Wisteria Way, Ridgecrest Dr.

\$36k

July 2023

#15 Loop Road Sidewalk –Construct sidewalk between McEvoy Lane to Bone Road.

\$200k

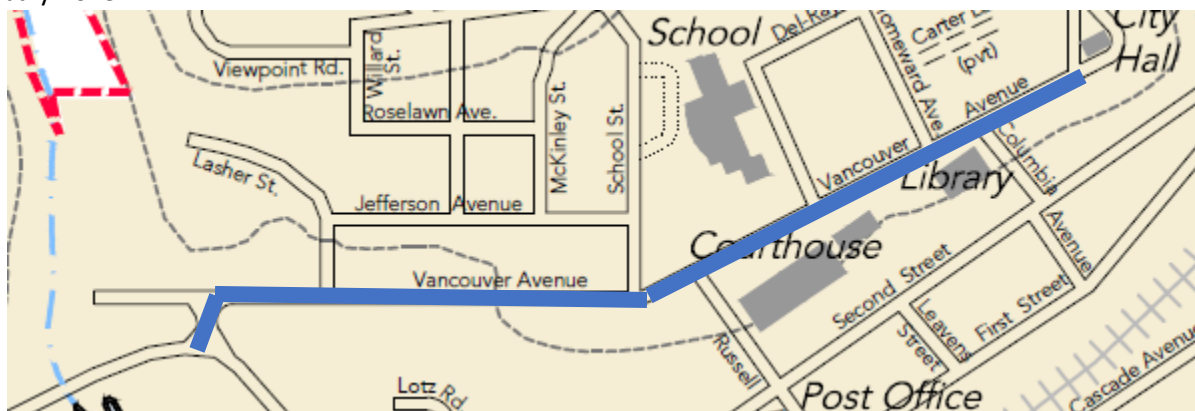
July 2027



#16 Chipseal – Vancouver Ave

\$45k

July 2023



2022 6-year TIP Update Project Maps



#17 Frank Johns Sidewalk – Construct new sidewalk along east side.

\$449k

Preliminary Engineering-Sept 2023

Construction - June 2024

#19 Monda Road – Straighten out the intersection where Monda and Iman Cemetery Road meet.

\$80k

Aug 2027



#12 Vancouver Sidewalk East End – Install sidewalks and curbs.

\$125k

July 2027

2022 6-year TIP Update Project Maps

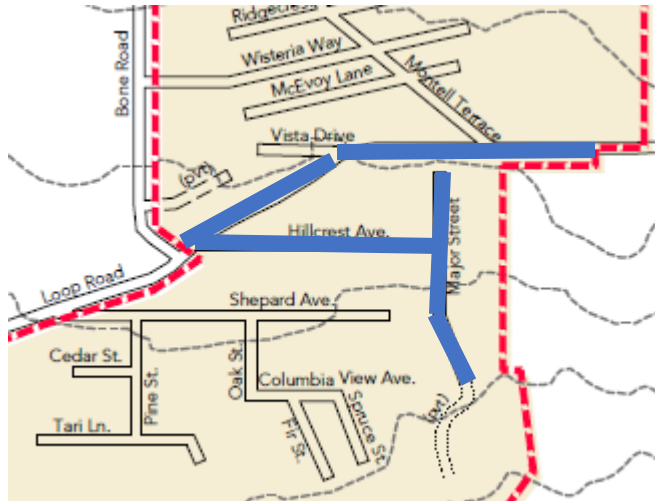
#13 Rock Creek Bridge Replacement

\$8.2M

Preliminary Engineering-May 2026

Right of Way Acquisition-June 2026

Construction-March 2027



#18 Chipseal – Major St, Hillcrest and E. Loop Rd.

\$35

July 2027

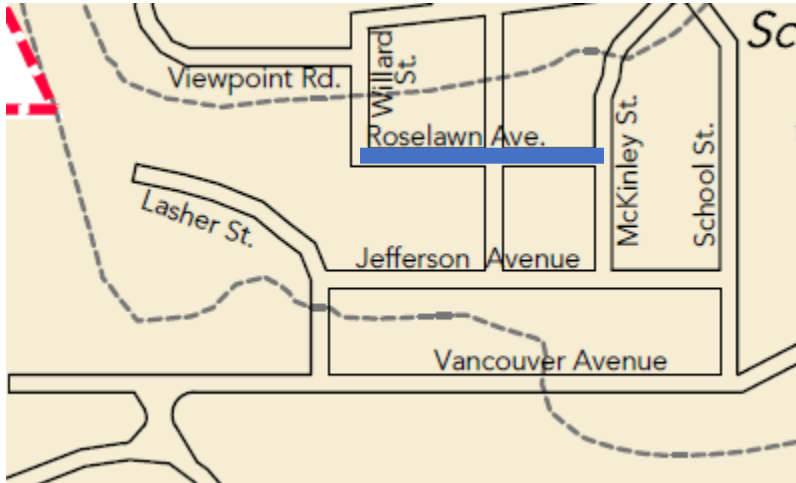
#20 Chipseal – Lasher, Roselawn

\$23k

July 2025



2022 6-year TIP Update Project Maps



#24 Roselawn Avenue Overlay – From Willard to McKinley, sidewalks, storm drains and ramps, overlay of entire street.

\$165k

July 2025

#29 Russell Avenue Rebuild-Phase 2 – From Vancouver to Second St, new streetlights, sidewalks, storm drains and ramps, reconstruction of entire street.

\$400k

July 2027

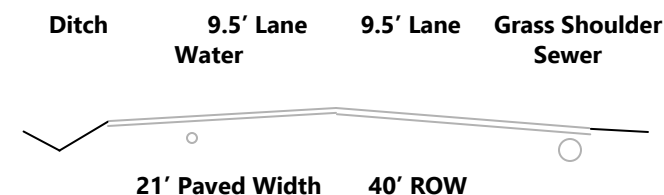


Del Ray Avenue Improvement Project

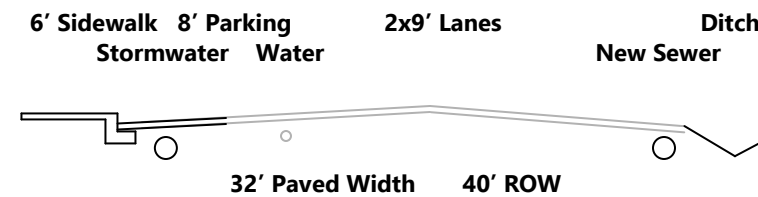
Planning Department Proposal-2017



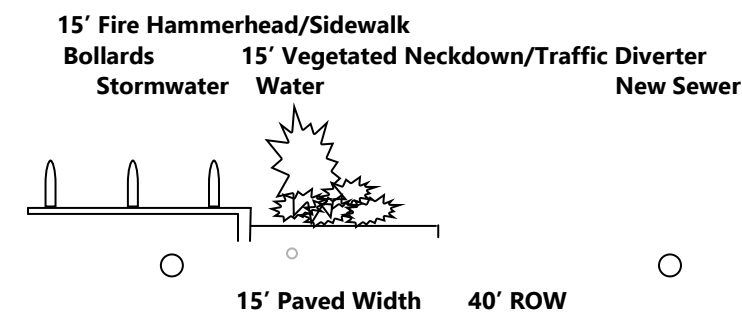
Current Cross Section A—Western Del Ray



Proposed Cross Section A & B— Del Ray



Proposed Cross Section C— Del Ray Street End



Overall Project Benefits

- Current walking distance (red) is 1,900'
- Proposed walking distance (green) is 875'
- Provides safer walking route to school (eliminates 1 crosswalk)
- Improves school facilities

#Project Benefits, cont.

- Fills 350' gap in existing road network
- Extends sewer system (pink) by 450'
- Facilitates development of 19 existing lots
- Facilitates development of an unknown # of future lots

#1 Pedestrian Path/Sidewalk

- Add new sidewalk, lighting, Curb along full length of Del Ray and sidewalk & landscaping/fencing on school property
- Fund through Safe Routes to School or TIB sidewalk program

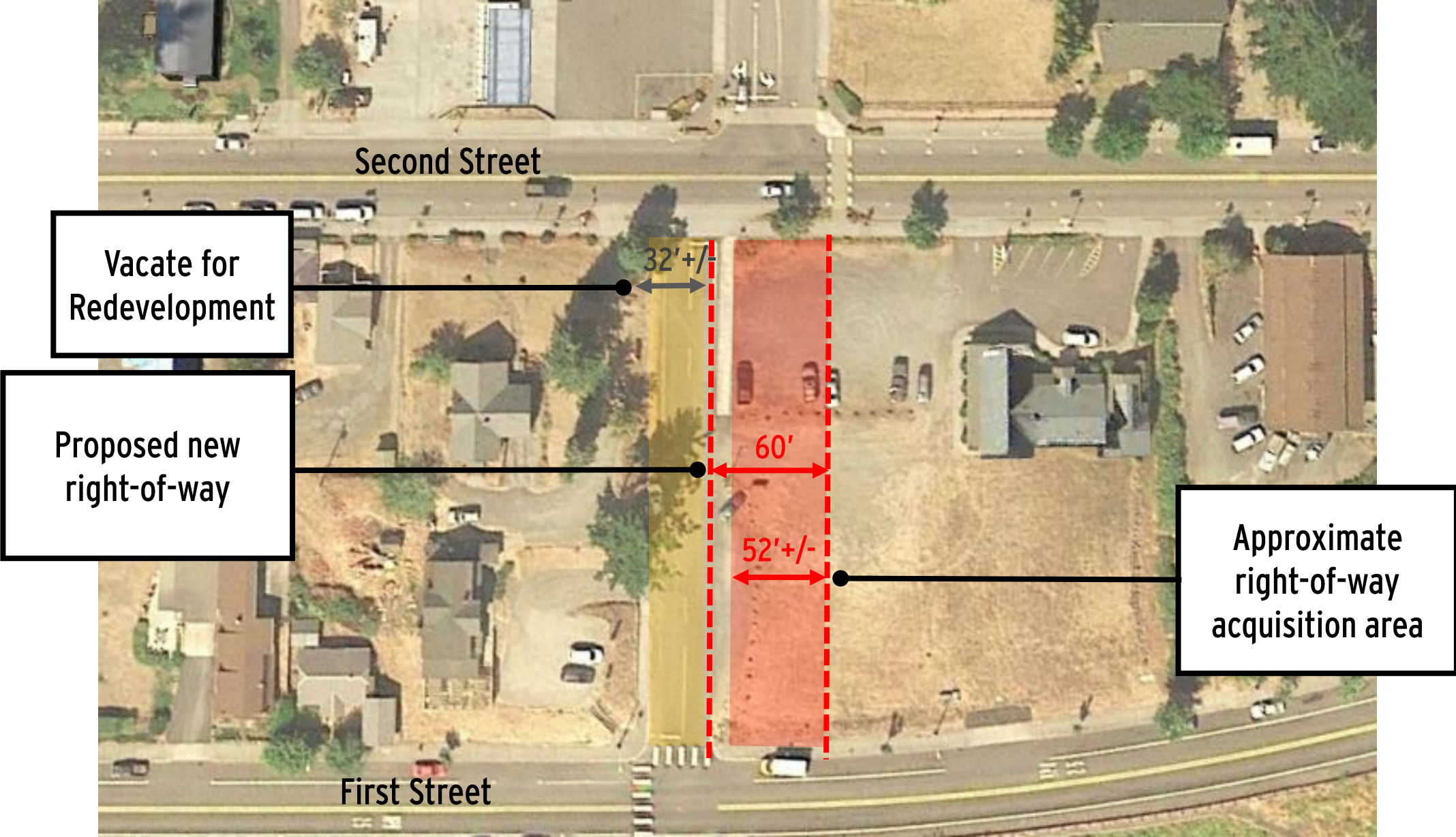
#2 Road Improvement

- Add new roadway from Homeward east to new right-of-way
- Add hammerhead turnaround, vegetated neck-down or traffic diverter, and bollards to block through traffic to Kanaka Creek Road

#2 Road Improvement, cont.

- Install sewer main extension from Homeward east to new right-of-way
- Fund through LID, Latecomers, or developer funding

Acquire road right-of-way (option 1)



Functional Class	Index Number	2022-2027 TIP Project Identification										Expenditure Schedule				Environmental Type	R/W Required?			
		Improvement Types	Status	Total Length	Utility Codes	Phase	Phase Start	Federal Fund Code	Federal Cost by Phase	State Fund Code	State Funds	Local Funds	Total Funds	1st	2nd			3rd	4th-6th	
		Hearing Dates: 5/20/21 & 6/17/21		*The city intends to communicate with residents and stakeholders before any funding applications move forward on the projects listed below.																
		Adopted on																		
02	9	First Street	06	P	0.68	C,P,W,T	PE	Jan 2020	TAP	133			53	186	186			186	CE	NO
		From Columbia Street to mid-way to Frank Johns Rd.	07				CN	Jan 2021	TAP	575			44	619	619			619		
		Construct traffic calming, sidewalks, and new surfacing	12																	
		Totals								708			97	805	805			805		
07	27	Loop Road Grind and Inlay	03	P	0.29	T,W,P,	All	June 2023				TIB	360	30	390			390	CE	No
		From: Columbia to Frank Johns	07			C,G,S														
		Engineering, grind & inlay, stormwater	06																	
		Totals										360	30	390						
08	26	School Street Grind and Inlay	03	P	0.24	T,W,P,	All	June 2022				TIB	400	40	440			440	CE	No
		From: Hot Springs to Kanaka Creek Avenue	07			C,G,S														
		Engineering, grind & inlay, stormwater	06																	
		Totals										400	40	440						
09	10	Kanaka Creek Underpass Phase 1	03	P	0.2	S	All	Jan 2022					88	88				88	CE	Yes
		From SR 14 to Cascade Ave	06																	
		Rebase, surface road, modify drainage, prime and chipseal	07																	
		Totals								0			88	88				88		
09	11	Kanaka Creek Underpass Phase 2	09	P	0.01	S	All	Jan 2024					320	320				320	EA	No
		From SR 14 to Cascade Ave																		
		Improve Underpass bridge																		
		Totals								0			320	320				320		
07	5	Roosevelt Street Overlay	07	P	0.13	C, P, T	All	Jan 2027				80	20	100				100	CE	No
		From Hot Springs to High School	06			G, S, W						500	70	570				570		
		Engineering, sidewalks, stormdrain, overlay	03																	
		Totals								0		580	90	670				670		
09	4	Leavens Overlay	06	P	0.05	C, P, T	ALL	Aug 2022				200	20	225				225	CE	No
		From First Street to Second Street	07			G, S, W														
		Remove/grind deteriorated sections of asphalt																		
		Add sidewalk on West side																		
		Totals								0		200	20	225				225		

2022-2027 TIP

Project Identification

Functional Class	Index Number	Project Identification	Improvement Types	Status	Total Length	Utility Codes	Phase	Phase Start	Federal Fund Code	Federal Cost by Phase	State Fund Code	State Funds	Local Funds	Total Funds	Expenditure Schedule				Environmental Type	R/W Required?
															1st	2nd	3rd	4th-6th		
08	14	Iman Loop-Iman Cemetery Sidewalk	06	P	0.1	W, C, S	All	Sept 2027					75	75				75		No
		Continue sidewalk and curbing	32			T														
		Totals							0				75	75				75		
07	21	Storm water System Repair and Upgrade	06	P	0		PE	July 2022					500	500				500	CE	No
09		Repair and upgrade failing storm water																		
08		system in the City																		
		Totals							0				500	500				500		
09	6	Lakeview Street	07	P	0.05	W, P	All	July 2027					74	74					CE	No
		Rebuild and pave Lakeview, improve				C, T														
		Storm drainage													0	0				
		Totals							0				74	74	0	0				
07	7	Foster Creek Road	31	P	0.38		RW	Jan 2023											CE	Yes
		From Rock Creek Dr. to Ryan Allen Rd																		
		Acquire additional Right Of Way																		
		Totals							0				0	0				0		
09	8	Chipseal Program	07	P	0.55	S, P, T	All	July 2023					18	18				18	CE	No
		McEvoy Lane, Wisteria Way, Ridgecrest Dr				G, W							18	18				18		
		Totals							0				36	36				36		
07	15	Loop Road Sidewalk	06	P	0.2	S, W	All	July 2027				160	40	200		200			CE	No
		From McEvoy Lane to Bone Road	32																	
		Construct Sidewalk between McEvoy & Bone Road																		
		Totals							0		160	40	200					0		
09	16	Chipseal	07	P	0.95	S, W	All	July 2023					45	45				45	CE	No
		Vancouver Ave																		
		Totals							0				45	45				45		
09	17	Frank Johns Sidewalk	06	P	0.24	C,G,P,	PE	Sep 2023				68	7	75	10	30	20	15	CE	No
		From Loop Rd to Second Street				S,T,W	CN	June 2024				340	34	374				374		
		Construct new sidewalk along east side																		
		Totals							0		408	41	449	10	30	20	389			
09	19	Monda Road	01	P	0.01	P, T	All	Aug 2027					80	80				80	CE	No
		Straighten out the intersection where	12																	
		Monda and Iman Cemetery Road meet																		
		Totals							0				80	80				80		

2022-2027 TIP

Project Identification

Functional Class	Index Number	Project Identification	Improvement Types	Status	Total Length	Utility Codes	Phase	Phase Start	Federal Fund Code	Federal Cost by Phase	State Fund Code	State Funds	Local Funds	Total Funds	Expenditure Schedule				Environmental Type	R/W Required?
															1st	2nd	3rd	4th-6th		
07	12	Vancouver Sidewalk East End	06	P	0.1		All	July 2027					125	125				25	CE	Yes
		From Columbia Ave to City Hall	32																	
		Install sidewalks and curbs																		
		Totals							0				125	125				25		
07	13	Rock Creek Bridge Replacement	08	P	0.01	S,W,P,	PE	May 2026	BR	931			145	1,076				1,076	EIS	Yes
		Bridge Replacement					RW	June 2026		195			30	225				225		
			09			C,T,G	CN	March 2027		5,968			931	6,899				6899		
		Totals							7,094				1,106	8,200				8,200		
09	18	Chipseal	07	P	1.08	W, T, S	All	July 2027					35	35				35	CE	No
		Major St, Hillcrest and E Loop Road				P, G														
		Totals							0				35	35				35		
09	20	Chipseal	07	P	0.71	W,S,P	ALL	July 2025					23	23	23				CE	No
		Lasher, Roselawn				G,T														
		Totals							0				23	23				0		
09	24	Roselawn Avenue Overlay	03	P	0.09	W, S, G	All	July 2025					165	165				65	CE	No
		From: Willard to McKinley	06																	
		Engineering, sidewalks, storm drain and ramps.	07																	
		Overlay entire street	Totals						0				165	165				65		
09	23	Del Ray Avenue	01	P	0.13	C,G,P,	ALL	Jan 2027		400				400				400	CE	No
		From Kanaka Creek Road to School	06			S,T,W														
		Construct new road, sidewalks, street lights and storm drains	07																	
		Totals							400					400				400		
06	28	Columbia Avenue	01	P	0.05	C,G,P,	PE	May 2025		400				400				400	CE	Yes
		From Second Street to First Street	06			S,T,W	RW	June 2025		195			30	225				225		
		Construct new road, sidewalks, street lights and storm drains, relocating water and sewer lines	12				CN	March 2026		1080			120	1200				1200		
		Totals							1675					1825				1825		
07	29	Russell Avenue Rebuild Phase 2	03	P	0.09	T,W,P,	PE	Feb 2027		75			8	75				75	CE	Yes
		From: Vancouver to Second Street	06			C,G,S	CN	May 2027		325			33	325				325		
		New Street lights, sidewalk & reconstruction	07																	
		Totals							400				41	400	0	0	0	400		

Six Year Transportation Improvement Program Instructions for Completing the Form

Include all projects regardless of location or source of funds.

Complete the form for the six year program in accordance with the following instructions.

Heading

Agency	Enter name of the sponsoring agency.
County Number	Enter the OFM assigned number (see LAG Appendix 21.44).
City Number	Enter the OFM assigned number (see LAG Appendix 21.45).
MPO/RTPO	Enter the name of the MPO (if located within urbanized area) or RTPO (if in the rural area).
Hearing Date	Enter the date of the public hearing.
Adoption Date	Enter the date this program was adopted by council or commission.
Resolution Number	Enter Legislative Authority resolution number if applicable.
Amendment Date	Enter the date this program was amended by council or commission.

Column Number

1. Functional Classification. Enter the appropriate 2-digit code denoting the Federal Functional Classification. (Note: The Federal Functional Classification must be approved by FHWA.)

Description

00 - No Classification

Rural (under 5,000 population)	Urban (over 5,000 population)
01 - Interstate	11 - Interstate
02 - Principal Arterial	12 - Freeways & Expressways
06 - Minor Arterials	14 - Other Principal Arterials
07 - Major Collector	16 - Minor Arterial
08 - Minor Collector	17 - Collector
09 - Local Access	19 - Local Access

2. Priority Numbers. Enter local agency number identifying agency project priority (optional).

3. Project Identification. Enter (a) Federal Aid Number if previously assigned; (b) Bridge Number; (c) Project Title; (d) Street/Road Name or Number/Federal Route Number; (e) Beginning and Ending Termini (Mile Post or Street/Road Names); and (f) Describe the Work to be Completed.

4. Improvement Type Codes. Enter the appropriate federal code number(s).

Description

01 - New construction on new alignment	07 - Resurfacing	14 - Bridge Program Special
02 - Relocation	08 - New Bridge Construction	21 - Transit Capital Project
03 - Reconstruction	09 - Bridge Replacement	22 - Transit Operational Project
04 - Major Widening	10 - Bridge Rehabilitation	23 - Transit Planning
05 - Minor Widening	11 - Minor Bridge Rehabilitation	24 - Transit Training/Admin
06 - Other Enhancements	12 - Safety/Traffic.Operation/TSM	31 - Non Capital Improvement
	13 - Environmentally Related	32 - Non Motor Vehicle Project

5. Funding Status. Enter the funding status for the entire project which describes the current status.

S - Project is **selected** by the appropriate selection body & **funding is secured.**

P - Project is subject to selection by an agency other than the lead and is listed for planning purposes and **funding has not been determined.**

6. Total Length. Enter project length to the nearest hundredth mile (or code "00" if not applicable).

7. Utility Code(s). Enter the appropriate code letter(s) for the utilities that would need to be relocated or are impacted by the construction project.

C - Cable TV	S - Sewer (other than agency-owned)
G - Gas	T - Telephone
O - Other	W - Water
P - Power	

Six Year Transportation Improvement Program Instructions for Completing the Form

8. **Project Phase.** Select the appropriate phase code of the project.

- PE - Preliminary Engineering, including Design (or Planning)
- RW - Right of Way or land acquisition
- CN - Construction only (or transit planning or equipment purchase)
- ALL - All Phases from Preliminary Engineering through Construction
(Use only in Years 4, 5, & 6)

9. **Phase Start Date.** Enter the month/day/year (in MM/DD/YY format) that the selected phase of the project is actually expected to start.

10. **Federal Fund Sources.** Enter the Federal Fund Source code from the table below.

			FTA Discretionary for Capital Expenditures
BIA	- Bureau of Indian Affairs	5307	- FTA Urban Areas
BR	- Bridge Replacement or Rehab.	5309(Bus)	- Bus
CBDG	- Community Development Block Grant (HUD)	5309(FG)	- Fixed Guideways
		5309(NS)	- New Starts
CMAQ	- Congestion Mitigation Air Quality	5310	- FTA Elderly/Disabled
DEMO	- TEA-21 Demo Projects (Selected)	5311	- FTA Rural Areas
Discretionary	- Ferry Boat Discretionary, Public Lands Highway, Scenic Byways, etc.	REV	- Rural Economic Vitality Program
DOD	- Department of Defense	STP(C)	- STP Statewide Competitive Program
IC	- Interstate Construction	STP(E)	- STP Transportation Enhancements
IM	- Interstate Maintenance	STP(S)	- STP Safety Including Hazard and RR
NHS	- National Highway System	STP(R)	- STP Rural Regionally Selected
3037	- FTA Job Access/Reverse Commute	STP(U)	- STP Urban Regionally Selected
		STP	- STP (WSDOT Use Only)

11. **Federal Cost.** Enter the total federal cost (in thousands) of the phase regardless of when the funds will be spent.

12. **State Fund Code.** Enter the appropriate code for any of the listed funds to be used on this project.

CAPP	- County Arterial Preservation Program	PWTF	- Public Works Trust Fund
CHAP	- City Hardship Assistance Program	RAP	- Rural Arterial Program
TPP	- Transportation Partnerships Program	SCP	- Small City Program
AIP	- Arterial Improvement Program	WSDOT	- WSDOT funds
PSMP	- Pedestrian Safety & Mobility Program	OTHER	- Any other <u>unlisted</u> state fund codes
PTSP	- Public Transportation Systems Program		

13. **State Funds.** Enter all funds from the State Agencies (in thousands) of the phase regardless of when the funds will be spent.

14. **Local Funds.** Enter all the funds from Local Agencies (in thousands) of the phase regardless of when the funds will be spent.

15. **Total Funds.** Enter the sum of columns 10, 12, and 14.

16-19. **Expenditure Schedule - (1st, 2nd, 3rd, 4th thru 6th years).** Enter the estimated expenditures (in thousands) of dollars by year. (*For Local Agency use.*)

20. **Environmental Data Type.** Enter the type of environmental assessment that will be required for this project. (This is required for *Federally funded* projects.)

- EIS - Environmental Impact Statement
- EA - Environmental Assessment
- CE - Categorical Exclusion

21. **R/W Certification.** If Right of Way acquisition is required, enter R/W Certification Date if known. (This is required for *Federally funded* projects.)