



2024 -2029 TRANSPORTATION IMPROVEMENT PLAN

EXECUTIVE SUMMARY

RCW 35.77.010 requires Cities to adopt a 6-year Transportation Improvement Plan (TIP) annually by June 30th of each calendar year. In order for transportation projects to be eligible for State and Federal funding, the project must be identified in the City’s most recently adopted TIP.

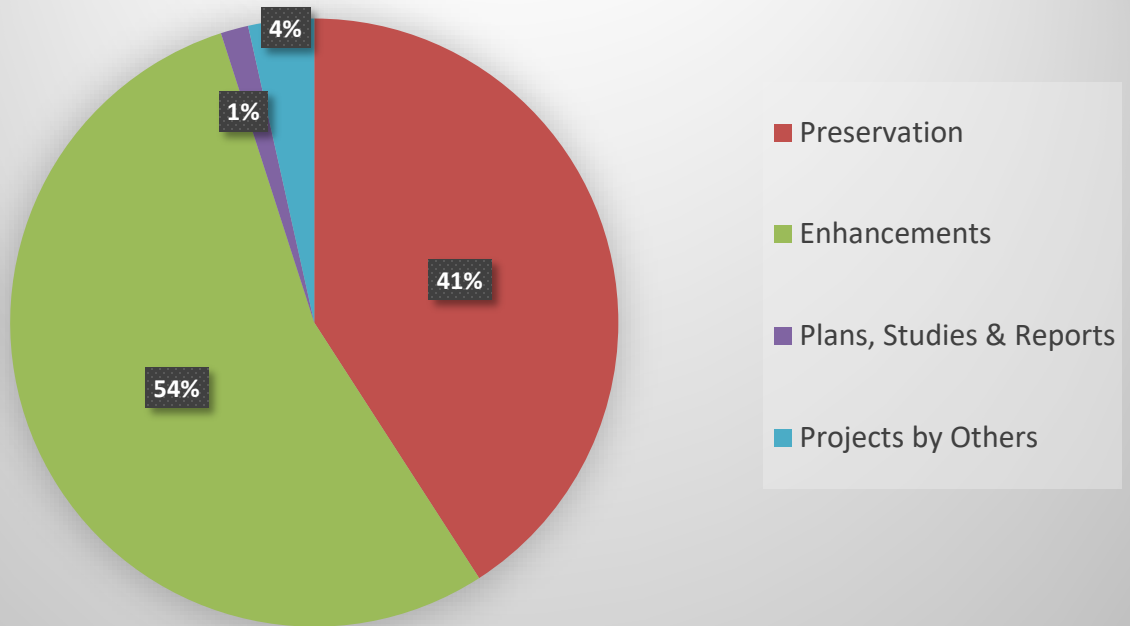
Generally, the transportation projects listed in the TIP have been identified in the adopted 6-Year Capital Facilities Plan, but often with revisions based upon refined cost estimates, or changes in proposed timing for projects based upon updated information on infrastructure condition and need, available funding sources, and work-load balancing. Additionally, some transportation-related TIF/LIFT eligible projects listed in the CFP are not included in the TIP, because the improvements will occur on private property that will later be dedicated to the City. Those projects have been listed for reference as well.

The 2024-2029 TIP proposes a total 6-year investment of over \$21,465,027 in transportation infrastructure. That investment includes anticipated state funding, as well as \$750,000 in investment by others that will be eligible for TIF/LIFT reimbursement. Projects are categorized as new construction; preservation; enhancement; maintenance; or plan/report. Definitions for each category are included in the project description section.

The table and chart below summarize the investments by category.

2024 -2029 Transportation Investment by Category	
Preservation	\$ 8,774,556
Enhancement	\$ 11,624,471
Plans/Reports	\$ 316,000
Projects by Others	\$ 750,000
Total	\$ 21,465,027

2024 - 2029 Transportation Investment by Category



Additionally, in the years, 2024 through 2029, the CFP identified over \$9.9 million in transportation investment by others that is TIF/LIFT eligible, but not included in the TIP.

SIX YEAR TRANSPORTATION IMPROVEMENT PLAN, 2024 -2029

Roadway Projects

LINE NO.	PROJECT TYPE	PROJECT NAME	LOCATION	FUNDING SOURCE	CURRENT 2023	PROJECT TOTAL (2024-2029)	2024	2025	2026	2027	2028	2029
TP-1	Enhancement/ New Construction	Harvard Rd Bridge /Kramer Overpass & Rd Ext	Between Country Vista & Mission	CW/TIF/LIFT	-	TBD	TBD					
TP-2	Preservation/ Enhancement	Country Vista Rebuild/ Operational Improvements	W City Limits to Liberty Lake Rd	TIB/REET/UT		\$ 4,421,020		\$ 168,500		\$ 2,023,239	\$ 2,229,281	
TP-3	Enhancement	Intersection Improvements (Add turn lane)	Country Vista /Appleway Avenue	HRM	\$ 36,400	\$ 342,860		\$ 342,860				
TP-4	Enhancement	Appleway Frontage Improvements	Fairway to E City Limits	REET/UT		\$ 3,752,410					\$294,000	\$ 3,458,410
TP-5	Enhancement	Mission Ave Frontage Improvements	W City Limits east to Glenbrook (southside)	REET/UT		\$ 1,010,400		\$ 62,400	\$ 948,000			
TP-6	Enhancement	Upgrade Molter /Appleway Signal	Molter/Appleway				\$ 52,523					
TP-7	Enhancement	Smart Signal Control	Multiple Locations	HRM		\$ 37,975	\$ 37,975					
TP-8	Plan/Report	Stormwater Master Plan	Multiple Locations	STRMW/APA	\$ 153,000	\$ 70,000	\$ 70,000					
TP-9	Preservation	Project Development	Multiple Locations	REET/UT	\$ 100,000	\$ 100,000	\$ 100,000					
TP-10	Preservation	Annual Street Maintenance Allocation	Multiple Locations	UT	\$ 100,000	\$ 500,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
TP-11	Preservation	Mission Ave Overlay	Country Vista to Molter	SRTC/REET/UT		\$ 1,415,400	\$ 1,415,400					
TP-12	Preservation	Sprague Avenue Overlay	Liberty Lake Road to Gage	TIB/REET/UT	\$ 79,780	\$ 1,537,000	\$ 693,000		\$ 844,000			
TP-14	Plan/Report	Pavement Condition Study/ Preservation Master Plan	Citywide	UT		\$ 170,000	\$ 66,000	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000
TP-15	Preservation	Appleway Overlay	Swing Ln to East City Limits	TIB/REET2	\$ 91,200	\$ 1,278,130		\$ 1,278,130				
TP-16	Enhancement	Harvard Rd & Indiana Ave Intersection Improvem	Harvard Rd & Indiana Intersection	OTR/TIF/LIFT	\$ 550,000	\$ -						
TP-17	Enhancement	Harvard Road & Wellington Roundabout	Harvard Rd & Wellington Intersection	OTR/TIF/LIFT		\$ 750,000	\$ 750,000					
TP-18	Enhancement	Mission Improvements	Harvest Parkway east to Corrigan Road	OTR/TIF/LIFT	\$ 1,350,000	\$ -						
TP-19	Enhancement	Indiana Ave Construction	Trutina-East of Harvard Road	OTR/TIF/LIFT	\$ 1,330,000	\$ -						
TP-20	Enhancement	Liberty Lake Road Slip Lane	Liberty Lake Road , south of Appleway Intersection	REET/UT	\$ 296,800							
TP-21	Preservation	Mission Ave Grind & Overlay	Storage Facility to Harvard			\$ 973,200		\$ 973,200				
TP-22	Preservation	Molter Grind & Overlay	Mission to Appleway			\$ 876,300				\$ 876,300		
TP-23	Preservation	Country Vista Drive Grind & Overlay	Mission Avenue to Molter	REET/UT		\$ 1,694,526			\$ 1,694,526			
TOTAL, ROADWAY PROJECTS					\$ 4,087,180	\$ 18,929,220	\$ 3,284,898	\$ 2,951,090	\$ 3,612,526	\$ 3,025,539	\$ 2,649,281	\$ 3,584,410

LINE NO.	PROJECT TYPE	PROJECT NAME	LOCATION	FUNDING SOURCE	CURRENT 2023	PROJECT TOTAL (2024-2029)	2024	2025	2026	2027	2028	2029
Pedestrian Projects												
TP-24	Preservation	Sidewalk & Pathway Maintenance	Multiple Locations	UT	\$ 50,000	\$ 250,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
TP-25	Enhancement	Pedestrian Crossing Allocation	Multiple Locations	GF, REET	\$ 158,000	\$ 295,735	\$ 49,910	\$ 54,152	\$ 58,755	\$ 63,750	\$ 69,168	\$ 75,048
TP-26	Enhancement	Sidewalk Improvements	Madson, from Mission to Appleway	GF, REET		\$ 367,221			\$ 367,221			
TP-27	Plan/Report	Sidewalk Master Plan	Multiple Locations	GF, REET		\$ 50,000	\$ 50,000					
TP-28	Enhancement	Appleway Trail Extension	West City Limits to Kramer Pakway								\$ 864,603	
TP-29	Enhancement	Sidewalk Improvements	Mission, MTC to Simpson Road	GF, REET						\$ 404,677		
TOTAL, PEDESTRIAN PROJECTS					\$ 208,000	\$ 962,956	\$ 149,910	\$ 104,152	\$ 475,976	\$ 518,427	\$ 983,771	\$ 125,048
TOTAL, ROADWAY & PEDESTRIAN PROJECTS COMBINED					\$ 4,295,180	\$ 19,892,177	\$ 3,434,808	\$ 3,055,242	\$ 4,088,502	\$ 3,543,966	\$ 3,633,051	\$ 3,709,458

CFP Transportation Projects by Others NOT Included in the TIP												
OT-1	New Construction	Transit Parking	Country Vista Dr, between Broadway & the Green Acres Flyover	OTR/TIF/LIFT		\$ 6,503,897	\$ 3,119,375	\$ 3,384,522				
OT-2	New Construction	Cataldo Extension & Connection - Phase I	Western States Frontage	OTR/TIF/LIFT	\$ 1,500,000	\$ -						
OT-3	New Construction	Cataldo Extension & Connection - Phase II	Western States Boundary to Henry Road	OTR/TIF/LIFT		\$ 1,920,194	\$ 1,920,194					
OT-4	New Construction	Kramer Parkway Construction	North of Mission	OTR/TIF/LIFT		\$ 1,000,000			\$ 1,000,000			
OT-6	New Construction	Indiana Extension	East of LLSWD	OTR/TIF/LIFT		\$ 500,000			\$ 500,000			
TOTAL, TRANSPORTATION PROJECTS BY OTHERS					\$ 1,500,000	\$ 9,924,091	\$ 5,039,569	\$ 3,384,522	\$ 1,500,000	\$ -	\$ -	\$ -

KEY	
ABBREVIATION	FUNDING SOURCE
OTR	Projects by Others
TIF	Tax Increment Financing
LIFT	Local Improvement Financing Tool
REET	Real Estate Excise Tax
CW	Connecting Washington - State Funding
TIB	Transportation Improvement Board Grant
HRM	Harvard Road Mitigation Fund
GEN	General Fund
UT	Utility Tax - Streets Capital

2024 -2029 TRANSPORTATION IMPROVEMENT PLAN
PROJECT DESCRIPTIONS

Transportation Projects

TP-1 - Harvard Rd Bridge Widening/ Kramer Parkway Overpass: Combines Harvard & Henry Roads, as state funding is intertwined, and depends on credits for ROW, etc. For the Harvard Road bridge widening and ramp improvements, construction has been completed. Kramer Parkway Overpass and Roadway extension construction is underway, with construction anticipated to continue through 2023, and project closeout not anticipated until 2024 at the earliest.

TP-2 - Country Vista Rebuild/Operational Improvements: Improvement costs to include design, construction, inspection, and contingency for pavement replacement and operational corridor improvements to include landscape islands, pedestrian crossings, as may be identified in Network Analysis and Corridor Study, from Liberty Lake Road west to the City limits. Design will be undertaken in 2025 to allow for grant applications to be pursued, with construction planned for 2027 and 2028.

TP-3 - Country Vista & Appleway Intersection Improvements: Intersection improvements to include design, construction, inspection and contingency, for the addition of a right turn lane, with design planned for 2023, and construction in 2024.

TP-4 - Appleway Improvements - Fairway to E City Limits: Improvement costs to include design, construction, inspection and contingency, for road widening, sidewalks, swales, and street trees along frontages not subject to developer improvements, and the addition of medians consistent with Appleway Avenue's aesthetic corridor designation. Design is programmed for 2028 to allow for grant applications to be pursued, with construction programmed for 2029. There is a potential for at least a portion of this work to be completed as a requirement of development.

TP-5 - Mission Ave Frontage Improvements - Southside, City Limits east to Glenbrook: Acquisition of right-of-way, and design, construction, inspection and contingency for road widening, curbs, swales, street trees and sidewalks along the south side of Mission Avenue, from City limits east to Glenbrook. Funding for design programmed for 2024 with construction anticipated in 2025. Possible candidate for funding through Safe Routes to School Grant.

TP-6 – Upgrade of Molter Rd/Appleway Avenue Traffic Signal – In order to implement the Smart Signal Program (see TP-7, below), it is necessary to upgrade the Molter Rd/Appleway Rd Traffic Signal with an extended range smart sensor, to allow that signal to communicate with the other signals in our network.

TP-7 - Smart Signal Control: To provide signal coordination on Appleway and Liberty Lake /Harvard Road. Cost includes signal communication consultant, controller communication, installation and cloud storage. Funding for this project has been deferred to 2024 to allow for the incorporation of Kramer Parkway/ Country Vista traffic signal into the network and the upgrade of the Molter Rd/ Appleway Traffic Signal.

TP-8 - Stormwater Master Plan: With funding from Washington State Department of Ecology's CMAQ grant, along with a small match from the Stormwater Reserves and Aquifer Protection funds, the master plan will help the City develop a policy and capital improvement plan to maintain and upgrade the City's stormwater management facilities. A grant extension has been requested through June of 2024.

TP-9 - Project Development: This \$100,000 is a contingency fund to allow for the design of unplanned roadway repairs.

TP-10 - Annual Street Maintenance Allocation: Annual funding for pot-hole repair, crack sealing, restriping, and roadway repairs and maintenance.

TP-11 - Mission Avenue Overlay– Country Vista to Molter Rd: This maintenance project is programmed for construction in 2024, and recommended for funding through SRTC Preservation Urban Funds & Flexible funds, for grant funding of \$1,061,550 covering 75% of the cost.

TP-12 - Sprague Avenue Overlay: Potential grind and overlay project proposed as a phased project for construction in 2024 and 2026, with possible TIB grant funding at 70%. Stormwater improvements associated with this project are fundable through APA funds.

TP-14 - Pavement Condition Study/ Preservation Master Plan: This 2024 project proposes to complete a City-wide pavement condition study, and to develop a data-driven street preservation master plan to identify and prioritize needed roadway preservation projects as the City's infrastructure ages. Funding is allocated in subsequent years for annual updates to the pavement condition survey.

TP-15 – Appleway Overlay: Overlay project from Swing Lane to E City Limits, is a new project, based upon current roadway conditions. Design & application for potential TIB funding is planned for 2023, for construction in 2024. Will be bid and constructed TP-3, Country Vista & Appleway Intersection Improvements.

TP-16 – Harvard Road & Indiana Intersection Improvement (signal): Improvements were constructed by Greenstone as part of River Crossing East required infrastructure improvements. TIF/LIFT reimbursement was requested in 2023.

TP-17 – Harvard Road & Wellington Roundabout (roundabout): Improvements to be constructed by Greenstone as part of River Crossing East required infrastructure improvements, with design anticipated in 2022, and construction anticipated in 2024.

TP-18 – Mission Avenue Improvements, Harvest Parkway to Corrigan Road: Development-driven frontage improvements to include turn pockets, curb swales, sidewalks and street trees, required to be completed by the developer as development occurs along the frontage of Mission Avenue. Construction was undertaken in 2022, with repairs planned for summer 2023. TIF/LIFT reimbursement cannot be sought until the City accepts the infrastructure constructed.

TP-19 – Indiana Construction, east of Harvard Road: Curb, swale and sidewalk installation with completion of pavement on Indiana Avenue, east of Harvard Road, as part of required improvements for the Trutina Subdivision was completed in 2022, with TIF/LIFT reimbursement requested in 2023.

TP-20 – Liberty Lake Road Slip Lane: Permanent closure of the slip lane just south of the Liberty Lake Rd/Appleyway Avenue intersection, and extension of the left -turn bay to allow for additional queuing for traffic turning left to access the east-bound I-90 ramp, is currently under construction, and anticipated to be constructed in fall of 2023.

TP-21 – Mission Avenue Grind & Overlay: Grind and overlay preservation project between Storage Facility and Harvard, based upon current roadway condition. Currently programmed for 2025, the timing may change based upon the outcome of the pavement condition assessment in the Pavement Master Plan (TP-14).

TP-22 – Molter Road Grind & Overlay: Grind and overlay preservation project between Mission Avenue and Appleway, based upon current roadway condition. Currently programmed for 2027, the timing may change based upon the outcome of the pavement condition assessment in the Pavement Master Plan (TP-14).

TP-23 – Country Vista Drive Grind & Overlay: Grind and overlay preservation project between Mission Avenue and Molter Road, based upon current roadway condition. Currently programmed for 2026, the timing may change based upon the outcome of the pavement condition assessment in the Pavement Master Plan (TP-14).

Pedestrian Projects

TP-24 – Sidewalk & Pathway Maintenance: Annual maintenance allocation to address major sidewalk and trail maintenance projects, such as repaving of trails, or repair/replacement of ADA accessible pedestrian ramps, along with minor maintenance and repair activities, to include crack-sealing, sidewalk grinding or lifting, etc.

TP-25 - Annual Pedestrian Crossing Allocation: Funding for pedestrian crossing improvements and flashing beacons. Projects in outyears to be prioritized based upon the outcome of the sidewalk master plan.

TP-26 - Sidewalk Improvements on Madson, from Mission to Appleway: Proposed construction of missing sidewalks on either side of Madson, south of Appleway in 2025.

TP-27 - Sidewalk Master Plan: Funding for potential project in moved to 2024 to allow inventory to be completed and incorporated in pavement condition software as a foundation in the master plan to identify and prioritize pedestrian projects.

TP-28 – Appleway Trail Extension: Construction of a 10 ft, multimodal path on the south side of Appleway/Country Vista, from the City’s western border to Kramer Parkway. To be constructed with TP-2, Country Vista Rebuild/ Operational Improvements, unless grant funding becomes available sooner.

Planned TIF/LIFT Eligible Infrastructure Projects Included in the CFP, but not TIP:

The following TIF/LIFT-eligible projects that are not currently located on public property will be constructed by others for dedication to a public entity.

OT-1 - Transit Parking – On property to be acquired by STA.

OT-2 - Cataldo Extension – Phase 1 (associated with Western States CAT Project) Project completed in 022, will be seeking TIF/LIFT reimbursement in 2023.

OT-3 - Cataldo Extension – Phase 2 (extension from Western States CAT to tie into Mission Avenue) project anticipated to be designed in 2023 with construction in 2024 as part of a Centennial Binding Site Plan Development on the south side of Mission Avenue.

OT-4 - Kramer Parkway Construction – Kramer Parkway collector north of Mission Avenue is proposed to be constructed by Greenstone in 2026, as part of the River Crossing 2020/River Crossing East subdivision improvements, for reimbursement through TIF/LIFT.

OT-5 – Indiana Extension – Proposed construction east of Harvard Rd, into the Trutina neighborhood, proposed for construction in 2026 , for reimbursement through TIF/LIFT.