



2023 – 2028

Transportation Improvement Plan (TIP)

Public Hearing & Council Discussion

April 11, 2022



2023 – 2028 TIP Update Process

April 11 - Public Hearing &
Council Discussion

May 9 - Action on Resolution No. 489
(2023-2028 TIP)



Overview



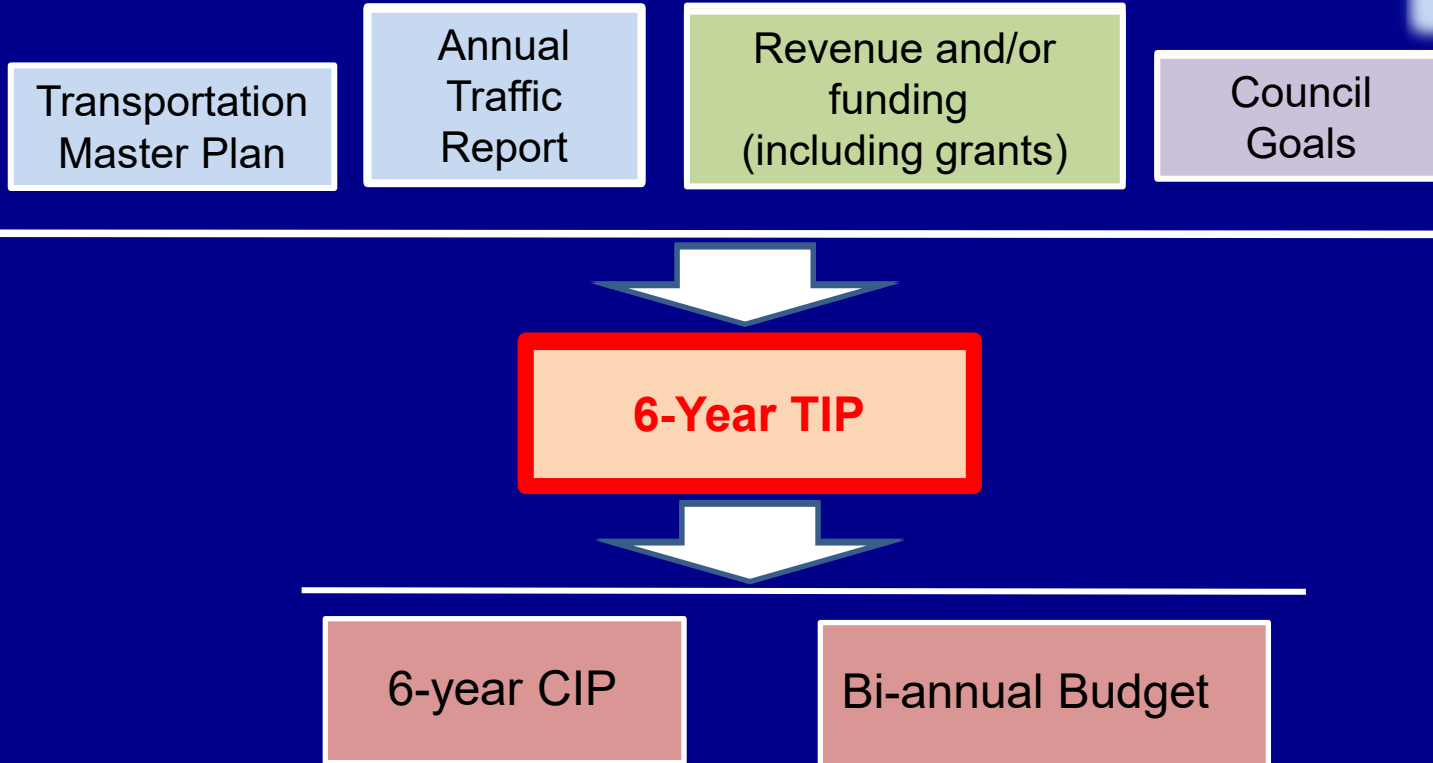
- Purpose of the Transportation Improvement Plan (TIP)
- Highlight of key changes and adjustments since 2022-2027 TIP
- Public Hearing
- Questions and Discussion
- Next Steps

Purpose of the TIP

- Required by State Law
- Identifies transportation projects for the next six years
- Not financially constrained
- Helps identify and/define priorities
- Informs our CIP
- Inclusion in the TIP is often a requirement for grant applications



How the TIP is used



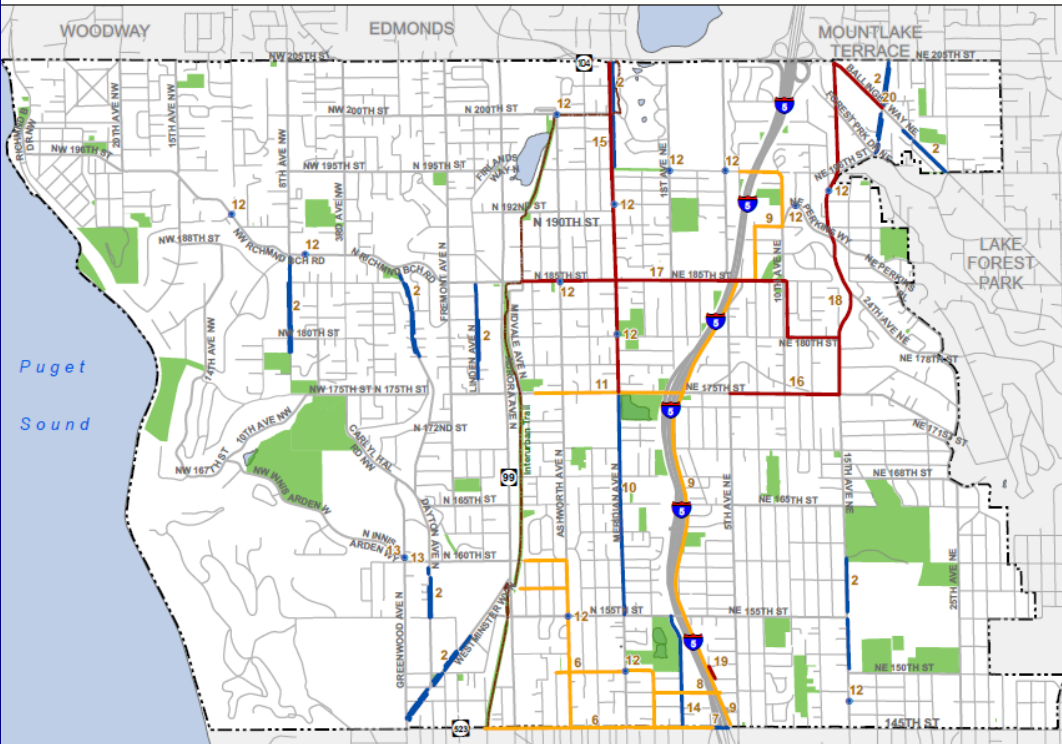
TIP Document Format

- Description/Overview of the 2023-2028 TIP
- Project Sheets for each project include information on:
 - Scope / Narrative
 - Funding/Cost estimates
 - Status / Funding Outlook
 - Council Goals
 - Purpose

Project # and Name							
13. Greenwood Ave N /Innis Arden/ N 160th St Intersection Improvements							
Scope / Narrative							
Acquire right-of-way and design and construct a roundabout intersection at Greenwood Ave. N, N 160th St. and N Innis Arden Way, adjacent to Shoreline Community College campus. To meet the City's concurrency standard the intersection improvements must be complete by September 2025.							
Funding							
FUNDING SOURCE	FUNDED						2023-2028 Total
	2023 Estimate	2024 Estimate	2025 Estimate	2026 Estimate	2027 Estimate	2028 Estimate	
Shoreline Community College	\$ 100,000	\$ 1,884,000					\$ 1,984,000
						Outer Year Funding (Beyond 2028):	\$ 0
						Prior Cost through 2022:	\$100,000
						Total Project Costs:	\$2,084,000
						Unfunded Portion / Future Funding Needs:	\$0.00
Project Status / Funding Outlook							
The concept design report was completed in October 2019. The City and Shoreline Community College have entered into an agreement to fully fund this project. Shoreline Community College has provided \$2,083,986 to fund this project.							
Council Goals							
This project helps to implement 2021-2023 City Council Goal 2: Continue to deliver highly-valued public services through management of the City's infrastructure and stewardship of the natural environment.							
Purpose / Goals Achieved							
<input type="checkbox"/> Non-motorized	<input type="checkbox"/> Major Structures						
<input type="checkbox"/> System Preservation	<input type="checkbox"/> Interjurisdictional Coordination						
<input type="checkbox"/> Improves Efficiency & Operations	<input type="checkbox"/> Growth Management						
<input type="checkbox"/> Safety	<input type="checkbox"/> Corridor Study						

Example of a project sheet

Transportation Improvement Plan 2023 to 2028



Individual Project Locations

Partially Funded Citywide Programs

1. Sidewalk Rehabilitation Program (not mapped)
2. New Sidewalk Plan - New Construction (9 of 12 initial projects remain)
3. Traffic Safety Improvements (not mapped)
4. Road Surface Maintenance Program (not mapped)
5. Traffic Signal Rehabilitation Program (not mapped)

Fully or Partially Funded Projects

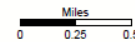
6. 145th St (SR 523) Corridor Improvements (Aurora to I-5)
7. 145th St/I-5 Interchange Improvements
8. 148th Street Non-Motorized Bridge
9. Trail along the Rail
10. Meridian Ave N (N 155th St to N 175th St)
11. NINE 175th St - Corridor Improvements
12. Midblock Crossing and Citywide Rectangular Rapid Flashing Beacons and Radar Speed Signs
13. Greenwood/Innis Arden/160th Intersection Improvements
14. Light Rail Access Improvements: 1st Ave NE (145th to 155th)

Unfunded Projects

15. Meridian Ave N (N 175th St - N 205th St)
16. NE 175th St (5th Ave NE to 15th Ave NE)
17. NINE 185th St - Corridor Improvements
18. 15th Avenue NE (NE 175th Street to NE 205th Street)
19. 3rd Ave NE Connectors
20. Ballinger Way (NE 205th St to 19th Ave NE)
21. Eastside Off-Corridor Bike Network (not mapped)

Funding Status

- Funded
- Partial
- Unfunded
- Interurban Trail
- Park



What's changed since last year?

Two projects from the 2022-2027 TIP **have been removed** as they are completed or scheduled for completion in 2022:

Ridgecrest Safe Routes to School (SRTS)

- Install safety elements to modify the crossing in the vicinity of 165th St and 12th Ave NE
- Project utilized State SRTS funds of \$467,000 with matching Roads Capital of \$68,000

Light Rail Access – 5th Avenue NE

- ST Access project and one of the 12 new sidewalk projects funded with Sales & Use Tax
- Currently going to construction

What's changed since last year?

Two new projects have been added:

Meridian Ave N (N 175th St – N 205th St)

- Segment of a Growth Project identified in the Transportation Master Plan

175th Street (5th Ave NE – 15th Ave NE)

- Segment is competitive for WSDOT safety grant due to collision history



What's changed since last year?

One project has also been re-organized and re-named:

3rd Avenue NE Connectors

This project is just north of the Shoreline South/148th Station

- NE 149th potentially up to NE 153rd / NE 155th St.
- Zoned MUR-70 - area will be growing significantly with redevelopment (redevelopment supports improvements).
- Neighborhood currently has dead-end streets - better connection and circulation will be needed.
- Project will still include some type of shared public space adjacent to the station.

Total Cost of the TIP (projects only)



Project	2023 Estimate	2024 Estimate	2025 Estimate	2026 Estimate	2027 Estimate	2028 Estimate	2023-2028 Total	<p><i>Due to the ongoing nature of programs, these additional columns are not filled in. Many programs rely on funding to become available in order to continue significant work efforts.</i></p>			
ANNUAL PROGRAMS											
1. Sidewalk Rehabilitation Program (Repair & Maintenance)	\$ 830,000	\$ 830,000	\$ 830,000	\$ 830,000	\$ 830,000	\$ 830,000	\$ 4,980,000				
2. New Sidewalk Plan (New Sidewalk Construction)	\$ 4,900,000	\$ 7,200,000	\$ 8,700,000	\$ 4,100,000	\$ 4,400,000	\$ 6,400,000	\$ 35,700,000				
3. Traffic Safety Improvements	\$ 193,300	\$ 199,100	\$ 199,100	\$ 199,100	\$ 199,100	\$ 199,100	\$ 1,188,800				
4. Road Surface Maintenance Program	\$ 1,360,000	\$ 1,360,000	\$ 1,360,000	\$ 1,360,000	\$ 1,360,000	\$ 1,360,000	\$ 8,160,000				
5. Traffic Signal Rehabilitation Program	\$ 152,200	\$ 156,700	\$ 156,700	\$ 156,700	\$ 156,700	\$ 156,700	\$ 935,700				
							\$ 50,964,500				
FUNDED PROJECTS (FULLY OR PARTIALLY)								Outer Year Funding (2024)	Prior Costs (through 2024)	TOTAL PROJECT COST	UNFUNDED
6. 145th Street (SR 523) Corridor Improvements, Aurora Ave N to I-5	\$ 5,427,100	\$ 9,707,300	\$ 3,792,400	\$ 8,966,400	\$ 12,599,800	\$ 3,708,200	\$ 44,201,200	\$8,762,500	\$17,874,100	\$70,837,800	\$35,873,400
7. SR 523 (NINE 145th Street) & I-5 Interchange Improvements	\$ 9,412,275	\$ 17,181,025	\$ 377,200	\$ -	\$ -	\$ -	\$ 26,970,500	\$0	\$6,317,500	\$33,288,000	\$0
8. 148th Street Non-Motorized Bridge	\$ 8,850,000	\$ 23,300,000	\$ -	\$ -	\$ -	\$ -	\$ 32,150,000	\$0	\$5,650,000	\$37,800,000	\$23,850,000
9. Trail Along the Rail	\$ 500,000	\$ 1,500,000	\$ 2,000,000	\$ 1,500,000	\$ -	\$ -	\$ 5,500,000	\$3,100,000	\$840,000	\$9,440,000	\$8,600,000
10. Meridian Avenue N (N 155th Street to N 175th Street)	\$ 916,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 916,900	\$0	\$253,700	\$1,170,600	\$0
11. NINE 175th Street Corridor Improvements (Stone Ave to I-5)	\$ 740,000	\$ 1,241,000	\$ 18,836,600	\$ 6,305,500	\$ 1,032,000	\$ 11,526,000	\$ 39,681,100	\$12,000,000	\$8,143,000	\$59,824,100	\$49,839,000
12. Midblock Crossing and Citywide RRFBs and Radar Speed Signs	\$ 140,430	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,430	\$0	\$1,263,870	\$1,404,300	\$0
13. Greenwood Ave N /Innis Arden/ N 160th St Intersection Improvements	\$ 100,000	\$ 1,884,000	\$ -	\$ -	\$ -	\$ -	\$ 1,984,000	\$0	\$100,000	\$2,084,000	\$0
14. Light Rail Access Improvements: 1st Ave NE (145th to 155th)	\$ 750,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -	\$ 1,850,000	\$0	\$150,000	\$2,000,000	\$0
							\$ 163,394,138			\$217,848,800	\$118,162,400
UNFUNDED PROJECTS											
15. Meridian Avenue N (N 175th Street to N 205th Street)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$3,000,000	\$0	\$3,000,000	\$3,000,000
16. 175th Street (5th Ave NE to 15th Ave NE) - Preliminary Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$750,000	\$0	\$750,000	\$750,000
17. NINE 185th Street Corridor Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$80,000,000	\$0	\$80,000,000	\$80,000,000
18. 15th Avenue NE (NE 175th Street to NE 205th Street)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,200,000	\$0	\$6,200,000	\$ 6,200,000
19. 3rd Ave NE Connectors	\$ 100,000	\$ 400,000	\$ 4,000,000	\$ 3,000,000	\$ -	\$ -	\$ 7,500,000	\$0	\$20,000	\$7,520,000	\$7,500,000
20. Ballinger Way - NE 205th St to 19th Ave NE Access Control (Preliminary Design)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$350,000	\$0	\$350,000	\$ 350,000
21. Eastside Off-Corridor Bike Network (Pre-Design)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$175,000	\$0	\$175,000	\$175,000
							\$ 7,500,000			\$97,995,000	\$97,975,000
	\$ 34,372,205	\$ 66,059,125	\$ 40,252,000	\$ 26,417,700	\$ 20,577,600	\$ 24,180,000	\$ 211,858,630	\$114,337,500	\$40,612,170	\$315,843,800	\$216,137,400

Total Cost of Funded/Partially Funded Projects: \$218 million
(\$118 million needed to complete)

Total Cost of Unfunded Projects: \$98 million

GRAND TOTAL: \$316 M

TIP Grant Priorities

FUNDED PROJECTS *(noted if only partially funded)*

6. 145th Street (SR 523) Corridor Improvements, Aurora Ave N to I-5 *(partially)*
7. SR 523 (N/NE 145th Street) & I-5 Interchange Improvements
8. 148th Street Non-Motorized Bridge *(partially)*
9. Trail Along the Rail *(partially)*
10. Meridian Avenue N (N 155th Street to N 175th Street)
11. N/NE 175th Street Corridor Improvements (Stone Ave to I-5) *(partially)*
12. Midblock Crossing and Citywide Rectangular Rapid Flashing Beacons and Radar Speed Signs
13. Greenwood Ave N /Innis Arden/ N 160th St Intersection Improvements
14. Light Rail Access Improvements: 1st Ave NE (145th to 155th)



Highlighted projects are partially funded and current priorities for grants

Sustaining a grant match

Currently not enough REET to support grant match for all priority needs.

Staff recommends the Council

- Continue setting aside revenue annually to utilize as match on these projects and
- Consider additional funding sources to provide adequate grant match for these projects

This enables the City to continue to have the ability and flexibility to apply for and compete for outside funding to help with constructing important projects.

Staff Recommendation

- No action is required tonight
- Staff recommends that Council hold the Public Hearing and discuss the proposed 2023-2028 TIP
- Staff is requesting direction from Council regarding the policy topics outlined in this staff report as well as any revisions to the 2023-2028 TIP, including items that should be added or removed.

Public Hearing

As required by RCW 35.77.010



Questions and Discussion

- Any Questions?
- Are the TIP grant priority projects correct?
- Any other projects that should be included?

Next Steps

- No action tonight
- May 9, 2022: Potential Council Adoption
- Use information to inform CIP Update