

2022 – 2027 Transportation Improvement Plan (TIP)

Public Hearing &
Council Discussion

April 5, 2021



2022 – 2027 TIP Update Process

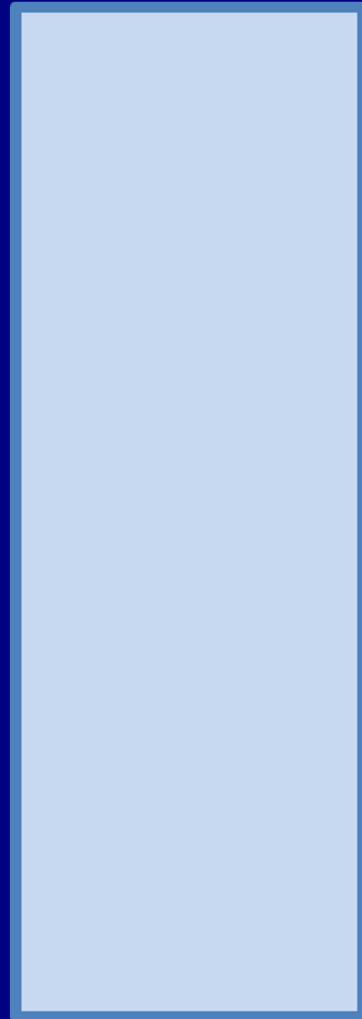
April 5 - Public Hearing &
Council Discussion

May 3 - Adopt Resolution No. 475
(2022-2027 TIP)



Overview

- Purpose of the Transportation Improvement Plan (TIP)
- Highlight of key changes and adjustments since 2021-2026 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

Transportation
Master Plan

Annual
Traffic
Report

Revenue and/or
funding
(including grants)

Council
Goals

6-Year TIP

6-year CIP

Bi-annual Budget



TIP Document Format

- Description/Overview of the 2022-2027 TIP
- Project Sheets for each project include information on:
 - Scope /Narrative
 - Funding/Cost estimates
 - Funding Outlook
 - Project Status

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							
FUNDED							
FUNDING SOURCE	2022 Estimate	2023 Estimate	2024 Estimate	2025 Estimate	2026 Estimate	2027 Estimate	2022-2027 Total
Shoreline Community College	\$ 100,000	\$ 100,000	\$ 1,884,000				\$ 2,084,000
Outer Year Funding (Beyond 2027):							\$ 0
Prior Cost through 2021:							\$ 0
Total Project Cost:							\$2,084,000
Unfunded Portion / Future Funding Need:							\$0.00
Funding Outlook							
Shoreline Community College has provided \$2,083,986 to fund this project.							
Project Status							
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. This project helps to implement 2019-2021 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 2022 to 2027

Individual Project Locations

Fully or Partially Funded Citywide Programs

1. Sidewalk Rehabilitation Program (not mapped)
2. New Sidewalk Program - New Construction, 12 funded projects
3. Traffic Safety Improvements (not mapped)
4. Annual Road Surface Maintenance Program (not mapped)
5. Traffic Signal/ITS Improvements (not mapped)

Fully or Partially Funded Projects

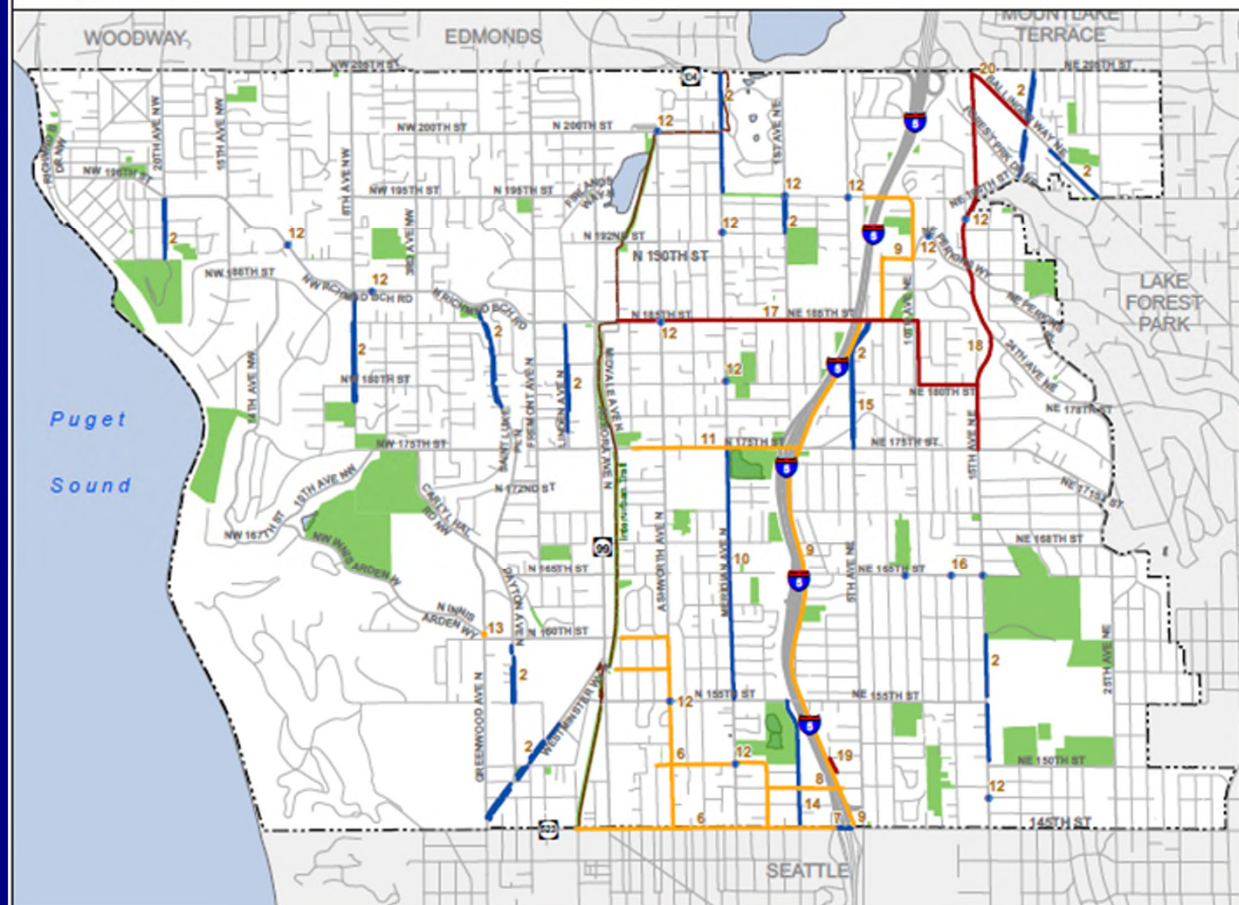
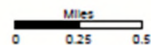
6. 145th St (SR 523) Corridor Improvements (Aurora to I-5)
7. 145th St-I-5 Interchange Improvements
8. 148th St N Non-motorized Bridge
9. Trail along the Rail
10. Meridian Ave N (N 155th St to N 175th St)
11. NINE 175th St - Corridor Improvements
12. Midblock Crossing and Citywide Rectangular Rapid Flashing Beacons and Radar Speed Signs
13. Greenwood/Innis Arden/160th Intersection Improvements
14. Light Rail Access Improvements: 1st Ave NE (145th to 155th)
15. Light Rail Access Improvements: 5th Ave NE (175th to 182nd)
16. Ridgcrest Safe Routes to School

Unfunded Projects

17. NINE 185th St - Corridor Improvements
18. 15th Avenue NE (NE 175th Street to NE 205th Street)
19. 3rd Ave NE Woonarf
20. Ballinger Way (NE 205th St to 19th Ave NE)

Funding Status

- Fully Funded
- Partially Funded
- Unfunded
- Interurban Trail
- Park



What's changed since last year?

- I-976 which removed the ability of governments to impose Vehicle License Fees (VLF) for transportation purposes was determined unconstitutional.
- The City's VLF of \$20 for pavement maintenance and a second \$20 for sidewalk rehabilitation are restored.



What's changed since last year?

One new project has been added:

Eastside Off-Corridor Bike Network (Pre-Design Study)

- An off-corridor bike network was proposed in the 145th Street Corridor Study and a pre-design study is necessary to understand future direction.

One completed project from the 2021-2026 TIP has been removed (*construction to be completed this year*):

195th Pedestrian and Bike Connector

- This project constructs a shared-use path along NE 195th Street from 5th Ave NE to just east of 7th Ave NE utilizing Complete Streets grant funding.



What's changed since last year?

There are several Unfunded Projects that appeared in the prior 2021-2026 TIP that are not included in the 2022-2027 TIP. It was determined that the TIP should more accurately contain only those projects that

- a) the City would be completing or
- b) have a real chance of progressing in the identified six-year period



Unfunded Projects Removed

1. N 160th Street (Aurora to Dayton)

Improvements will be mostly completed by development.

2. 145th Street (Aurora Avenue N to 3rd Avenue NW)

Project is many years out; accurate cost estimates not available.

3. Fremont Ave N (N 175th Street to N 185th Street)

Is captured in the New Sidewalk Plan.

4. NE Perkins Way Improvements (10th Ave NE to 15th Ave NE)

Partially covered in the New Sidewalk Plan; no budget for this project in this six-year period.

5. N 185th Street and Linden Ave N Intersection Improvements

No longer near the top of the collision list and would not compete against other high collision areas for funding.



PROJECTS ARE NOT FORGOTTEN & WILL BE ADDED BACK IN A FUTURE TIP

Unfunded Projects Remaining

1. N/NE 185th Street Corridor Improvements

- Pre-design study completed; important to keep this corridor visible.
- Currently no funding for a Capital Improvement Project.
 - Private development will build to approved cross-section.
 - A growth project for improvements to the 185th/Meridian intersection may be an initial City project.

2. Ballinger Way - NE 205th Street to 19th Ave NE Access Control Preliminary Design Project

- This is a high collision location and is competitive for future grants.



Unfunded Projects Remaining

3. 15th Avenue NE (NE 175th Street to NE 205th Street)

- A high priority segment.
- Initial step would be a study to identify the appropriate improvements for the roadway and develop cost estimates.

4. 3rd Avenue Woonerf

- Allows staff to keep in the City's purview to understand how the 148th Street Bridge, the Trail Along the Rail, and 3rd Avenue NE Woonerf fit together.
- Will provide a connection between NE 149th & NE 151st Streets.

5. Eastside Off-Corridor Bike Network

- This newly added project is the fifth Unfunded Project.



Total Cost of the TIP (projects only)

Project	2022 Estimate	2023 Estimate	2024 Estimate	2025 Estimate	2026 Estimate	2027 Estimate	2022-2027 Total	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.			
ANNUAL PROGRAMS											
1. Sidewalk Rehabilitation Program (Repair & Maintenance)	\$ 906,300	\$ 830,000	\$ 830,000	\$ 830,000	\$ 830,000	\$ 830,000	\$ 5,056,300				
2. Sidewalk Program (New Sidewalk Construction)	\$ 3,500,000	\$ 3,500,000	\$ 4,000,000	\$ 4,000,000	\$ 4,500,000	\$ 4,500,000	\$ 24,000,000				
3. Traffic Safety Improvements	\$ 184,100	\$ 193,300	\$ 199,100	\$ 199,100	\$ 199,100	\$ 199,100	\$ 1,173,800				
4. Road Surface Maintenance Program	\$ 2,180,000	\$ 1,360,000	\$ 1,360,000	\$ 1,360,000	\$ 1,360,000	\$ 1,360,000	\$ 8,980,000				
5. Traffic Signal Rehabilitation Program	\$ 147,800	\$ 152,200	\$ 156,700	\$ 156,700	\$ 156,700	\$ 156,700	\$ 926,800				
							\$ 40,198,800				
FUNDED PROJECTS (FULLY OR PARTIALLY)								Outer Year Pending (2028+)	Prior Costs (through 2021)	TOTAL PROJECT COST	UNFUNDED
6. 148th Street (SR 523) Corridor Improvements, Aurora Ave N to I-5	\$ 9,475,300	\$ 7,945,600	\$ 125,000	\$ 3,222,000	\$ 3,222,000	\$ -	\$ 23,989,900	\$27,169,400	\$13,454,300	\$64,633,600	\$30,286,300
7. SR 523 (NINE 148th Street) I-5 Interchange Improvements	\$ 6,500,000	\$ 14,650,000	\$ -	\$ -	\$ -	\$ -	\$ 21,150,000	\$0	\$6,000,000	\$26,150,000	\$0
8. 148th Street Non-Motorized Bridge	\$ 6,900,000	\$ 1,800,000	\$ 18,100,000	\$ -	\$ -	\$ -	\$ 26,800,000	\$0	\$4,200,000	\$31,000,000	\$20,000,000
9. Trail Along the Rail	\$ -	\$ 250,000	\$ 250,000	\$ 1,500,000	\$ 1,500,000	\$ -	\$ 3,500,000	\$6,100,000	\$0	\$9,440,000	\$5,000,000
10. Meridian Avenue N (N 155th Street to N 175th Street)	\$ 916,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 916,900	\$0	\$263,700	\$1,170,600	\$0
11. NINE 175th Street Corridor Improvements (Stone Ave to I-5)	\$ 1,475,000	\$ 4,040,000	\$ 400,000	\$ 9,040,000	\$ 4,040,000	\$ 9,340,000	\$ 26,975,000	\$13,000,000	\$3,054,100	\$43,109,100	\$16,700,000
12. Midblock Crossing and Citywide RRFs and Radar Speed Signs	\$ 1,241,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,241,900	\$0	\$230,000	\$1,471,900	\$0
13. Greenwood Ave N /Innis Arden/ N 160th St Intersection Improvements	\$ 100,000	\$ 100,000	\$ 1,884,000	\$ -	\$ -	\$ -	\$ 2,084,000	\$0	\$0	\$2,084,000	\$0
14. Light Rail Access Improvements: 1st Ave NE (149th to 155th)	\$ 150,000	\$ 750,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ 2,000,000	\$0	\$0	\$2,000,000	\$0
15. Light Rail Access Improvements: 5th Ave NE (180th to 182nd)	\$ 2,850,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,850,000	\$0	\$550,000	\$3,500,000	\$0
16. Ridgecrest Safe Routes to School	\$ 413,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 413,700	\$0	\$65,000	\$468,700	\$0
							\$ 111,921,400			\$185,028,900	\$64,666,300
UNFUNDED PROJECTS											
17. NINE 155th Street Corridor Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$50,000,000	\$0	\$80,000,000	\$50,000,000
18. 15th Avenue NE (NE 175th Street to NE 205th Street)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$5,200,000	\$0	\$6,200,000	\$ 5,200,000
19. 3rd Ave NE Wooner	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,611,000	\$20,000	\$1,631,000	\$1,611,000
20. Ballinger Way - NE 205th St to 19th Ave NE Access Control Preliminary Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$350,000	\$0	\$350,000	\$ 350,000
21. Eastside OR-Corridor Bike Network	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$120,000	\$0	\$120,000	\$120,000
							\$ -			\$88,601,000	\$88,491,000
	\$ 36,341,000	\$ 35,571,100	\$ 26,044,800	\$ 20,307,800	\$ 15,807,800	\$ 15,385,800	\$ 152,058,300	\$133,620,400	\$27,705,100	\$273,529,900	\$173,148,300

Total Cost of Funded/Partially Funded Projects: \$185 million
 (\$85 million needed to complete)

Total Cost of Unfunded Projects: \$88.5 million

GRAND TOTAL: \$ 273.5 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
15. Light Rail Access Improvements: 5th Ave NE, 175th to 182nd
16. Ridgecrest Safe Routes to School



Highlighted projects are 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
- Identify 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.



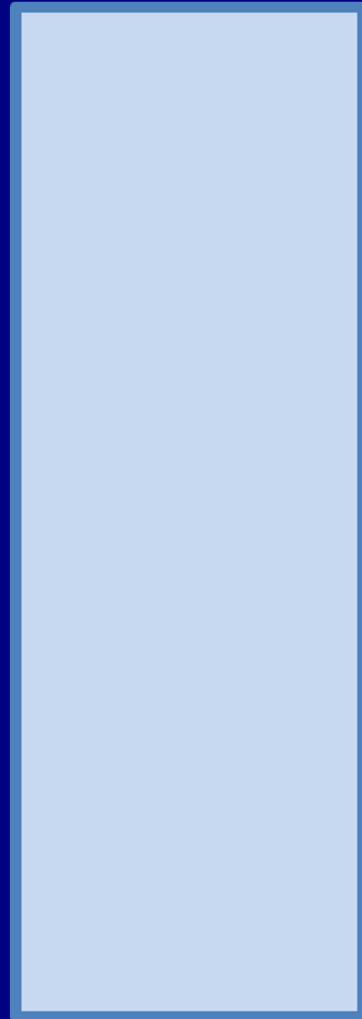
Staff Recommendation

No action is required tonight; staff recommends that Council hold the Public Hearing and discuss the proposed 2022-2027 TIP. Staff is requesting direction from Council regarding the policy topics outlined in this staff report as well as any revisions to the 2022-2027 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 3, 2021: Potential Council Adoption
- Use information to inform CIP Update

