



TRANSPORTATION COMMITTEE
TUESDAY, JUNE 7, 2022
11:00 A.M.
REMOTE AND IN PERSON ATTENDANCE

The Transportation Committee meeting will be conducted remotely, and in person.

The public may attend the meeting in person in the Council Chambers at Lacey City Hall, 420 College Street SE, Lacey, Washington, or you may view or listen to the meeting by using one of the following platforms:

Live through Zoom: (<https://us02web.zoom.us/j/82314066102>)

Live or as a recording on YouTube: (<https://youtu.be/6dOM1N48Aag>)

Listen via telephone: **(888) 788-0099** or **(877) 853-5247** (Webinar ID: **823 1406 6102**)

6-YEAR TRANSPORTATION IMPROVEMENT PLAN

MARTIN HOPPE, TRANSPORTATION MANAGER

(STAFF REPORT)



Transportation Committee
June 07, 2022

SUBJECT: Six-Year Transportation Improvement Plan

RECOMMENDATION: No action required. Purpose is to provide an overview of the proposed 2023 Six-Year Transportation Improvement Program (TIP) and the Transportation Improvement Mitigation List.

STAFF CONTACT: Scott Spence, City Manager *SS*
Scott Egger, Director of Public Works *SE*
Roger Schoessel, City Engineer *RAS*
Martin Hoppe, Transportation Manager *MH*

ORIGINATED BY: Public Works Department

ATTACHMENTS: 1. [TIP Summary Sheet](#)
2. [Draft Mitigation List](#)

FISCAL NOTE: The Six-Year Transportation Improvement Plan does not immediately obligate the City to fund the identified traffic improvement projects listed. Projects listed are future improvements that will ultimately be paid with a portion, or a combination, of fuel taxes, Real-Estate Excise Taxes, traffic mitigation paid by development, and state and federal transportation grants.

PRIOR REVIEW: The Planning Commission will hold a hearing on June 7, 2022.

BACKGROUND:

The City is required to prepare an annual Transportation Improvement Plan (TIP) and submit it to the Washington State Department of Transportation (WSDOT) and Thurston Regional Planning Council (TRPC) by July 31 each year.

The primary purpose of the TIP is to track Federal Transportation and State Transportation Improvement Board funds. The funds shown do not obligate the City to any specific amount of matching dollars. All projects on the TIP are consistent with the Transportation Comprehensive Plan. Four projects are recommended to be removed. The Planning Commission will hold a hearing on June 7, 2022.

The Transportation Mitigation List is also updated with the TIP. The yearly inflation rate will increase based on the Engineering News July 1st publication.

ADVANTAGES:

1. The TIP will allow the City to comply with state regulations.

DISADVANTAGES:

1. None anticipated.



CITY COUNCIL
ANDY RYDER
Mayor

MALCOLM MILLER
Deputy Mayor

LENNY GREENSTEIN
MICHAEL STEADMAN
CAROLYN COX
ED KUNKEL
ROBIN VAZQUEZ

CITY MANAGER
SCOTT SPENCE

DATE: May 9, 2022
TO: Interested Citizen
FROM: City of Lacey Public Works Department

SUBJECT: City of Lacey Six-Year Transportation Improvement Program

Each year the cities and counties in the State of Washington are required to submit their Six-Year Transportation Program. A draft summary of the proposed program for years 2023-2028 is attached.

The City Council, Planning Commission, and your Public Works staff appreciate your continuing interest and support. A public hearing to take testimony on the Six-Year Transportation Program will be held during the Planning Commission meeting on Tuesday, June 7, 2022, at 6:00 p.m. Meeting may occur in person, remotely, or a combination of both.

The purpose of the public hearing is to give citizens an opportunity to testify to the Planning Commission regarding the program. Any interested citizen may testify. Anyone who cannot attend the meeting may give testimony in a letter addressed to: Lacey Planning Commission, 420 College St. SE, Lacey, WA 98503 or e-mailed to randrews@ci.lacey.wa.us. If your comment is received before the hearing, it will become part of the public record. Prior to the hearing, information regarding the proposal may be obtained from the Lacey Community and Economic Development Department at City Hall; or you may phone (360) 491-5642.

Please call me at 491-5600, and I will be happy to answer any questions you may have about the program.

Sincerely,

Martin A. Hoppe, PE, PTOE
Transportation Manager

Enclosure

2022 SIX YEAR TRANSPORTATION IMPROVEMENT PROGRAM SUMMARY

Current Process	LACEY STIP ID	PROJECT TITLE	2023 Total Project Cost
Planned	11-010	Carpenter Rd Capacity and Safety Improvements Pacific to Shady Lane	\$ 5,400,000
Planned	11-013	Marvin Road from Britton Parkway to Columbia Drive	\$ 19,000,000
Planned	11-014	Martin Way / I-5 Interchange Improvements	\$ 52,000,000
Planned	11-015	Carpenter Road Widening from Martin Way to Britton Parkway	\$ 23,000,000
Planned	11-016	Rainier Road from Yelm Hwy to City Limits (near Beckonridge)	\$ 3,500,000
Planned	11-018	Britton Parkway -- Phase II	\$ 2,500,000
Planned	11-021	College Street Corridor Improvements	\$ 46,000,000
Planned	11-024	Yelm Highway Improvements from Ruddell Rd to Amtrak Bridge	\$ 6,000,000
Planned	11-025	Martin Way East Roadway Improvements	\$ 6,000,000
Planned	11-026	Lacey Hawks Prairie Business District (LHPBD) Commercial Corridors	\$ 11,000,000
Pending Grant	19-001	College St Corridor -- Phase 3 (College St and 16th Ave Roundabout)	\$ 18,000,000
Planned	20-002	Willamette Dr and Campus Glen Dr Roundabout	\$ 2,000,000
Total TIP Costs			\$ 194,400,000

Projects to be Removed

CN Obligated	19-002	Electric Vehicle Charging Stations	\$ 300,000
PE Obligated	20-001	College St Corridor -- Phase 4 (College St and 29th Roundabout)	\$ 1,709,419
PE Obligated	20-002	Willamette Dr and Campus Glen Dr Roundabout	\$ 250,000
CN Obligated	20-003	Citywide Signal ITS Detection Upgrades	\$ 345,000

Indicates Changes

2022/2023 TRANSPORTATION IMPROVEMENT MITIGATION LIST

Table 14T-15
Referred from 14.21.026,.040B(2)

		b	Capped or a/b	d	e = (b-d)	f = (0.90*e)	Varies by Type			
Account Number	Project	2021-2022 Project Cost	2022-2023 Project Cost	Consistent Denominator	Cost per Trip	Existing Volume	Remaining Volume	Mitigated Volume 90%	Collection	% of Total
COMPLETED PROJECTS										
102-0000-224.50-03	45th Avenue and College Street Improvements	\$ 1,408,537	\$ 1,521,220	3500	\$ 434.63	1,645	1,855	1,670	\$ 725,622	48%
102-0000-224.50-50	Marvin Road and Britton Parkway Intersection Improvements	\$ 440,231	\$ 475,449	4000	\$ 118.86	595	3,405	3,065	\$ 364,253	77%
102-0000-224.50-43	Golf Club Road Extension	\$ 654,380	\$ 706,730	3500	\$ 201.92	-	3,500	3,150	\$ 636,057	90%
102-0000-224.50-44	Martin Way / Hoh Street Intersection Improvements	\$ 872,507	\$ 942,307	3500	\$ 269.23	1,352	2,148	1,933	\$ 520,477	55%
102-0000-224.50-45	Willamette Drive / 31st Ave Intersection Improvements	\$ 1,090,634	\$ 1,177,884	3500	\$ 336.54	1,034	2,466	2,219	\$ 746,913	63%
FIXED-COMPLETED PROJECTS										
102-0000-224.50-29	Mullen Road Capacity/Safety Improvements East of Ruddell	\$ 7,477,127	\$ 8,075,297	4000	\$ 1,483.37	1,138	2,862	2,576	\$ 4,814,896	60%
102-0000-224.50-42	6th Avenue / Sleater Kinney Improvements	\$ 4,933,195	\$ 5,327,850	3500	\$ 1,483.37	2,319	1,181	1,063	\$ 1,498,141	28%
FIXED PROJECTS										
102-0000-224.50-38	Carpenter Rd from Martin Way to Britton Parkway	\$ 21,641,744	\$ 23,373,084	4000	\$ 1,483.37	295	3,705	3,335	\$ 18,041,099	77%
102-0000-224.50-49	College Street Reconstruction -- Lacey Blvd to 37th Ave	\$ 42,616,673	\$ 46,026,007	5000	\$ 1,483.37	2,000	3,000	2,700	\$ 23,013,004	50%
102-0000-224.50-39	Marvin Road-- Britton to Columbia Drive NE	\$ 17,609,209	\$ 19,017,946	5000	\$ 1,483.37	580	4,420	3,978	\$ 14,009,887	74%
102-0000-224.50-41	Yelm Highway Improvements Ruddell Road to East City Limits	\$ 5,607,845	\$ 6,056,473	4000	\$ 1,483.37	1,277	2,723	2,451	\$ 3,435,786	57%
102-0000-224.50-46	Hogum Bay Road Improvements	\$ 9,577,285	\$ 10,343,467	3500	\$ 1,483.37	530	2,970	2,673	\$ 7,314,309	71%
102-0000-224.50-51	31st Avenue Extension Hogum Bay to Marvin Road	\$ 5,869,736	\$ 6,339,315	4000	\$ 1,483.37	580	3,420	3,078	\$ 4,516,762	71%
102-0000-224.50-33	Martin Way & I-5 Interchange Improvements	\$ 48,289,222	\$ 52,152,360	6000	\$ 1,483.37	3,515	2,485	2,237	\$ 17,999,807	35%
ACTIVE PROJECTS										
102-0000-224.50-25	College Street Extension NE	\$ 3,738,564	\$ 4,037,649	3500	\$ 1,153.61	1,017	2,483	2,235	\$ 2,577,981	64%
102-0000-224.50-28	Carpenter Road Capacity /Safety Improvements Pacific to Shady Lane	\$ 4,984,752	\$ 5,383,532	4000	\$ 1,345.88	1,521	2,479	2,231	\$ 3,002,800	56%
102-0000-224.50-40	Rainier Road from Yelm Hwy to City Limits (near Beckonridge)	\$ 3,240,089	\$ 3,499,296	4000	\$ 874.82	774	3,226	2,903	\$ 2,539,964	73%
102-0000-224.50-47	Carpenter Rd/Mullen Rd Intersection Improvements	\$ 1,269,612	\$ 1,371,181	3500	\$ 391.77	1,212	2,288	2,059	\$ 806,724	59%
102-0000-224.50-52	Britton Parkway and Carpenter Road Intersection Improvements	\$ 1,609,151	\$ 1,737,883	4000	\$ 434.47	412	3,588	3,229	\$ 1,402,993	81%
102-0000-224.50-58	Willamette Drive / Campus Glen Drive Roundabout	\$ 1,848,874	\$ 2,000,000	3500	\$ 571.43	386	3,114	2,803	\$ 1,601,486	80%

Year	ENR Construction Index	Residential Cap	Resolution
2020-2021	1.3%	\$ 2,040	Resolution 1095 Passed 7-09-2020
2021-2022	5.9%	\$ 2,160	Resolution 1106 Passed 7-15-2021
2022-2023	8.0%	\$ 2,333	Resolution 1106 Passed 7-14-2022