

## Transportation & Public Works Meeting Agenda

May 25, 2023; 4:30 – 6:00 PM "Hybrid Meeting"

This meeting will be conducted in a hybrid format with in-person and remote options for public participation. The meeting will be broadcast on SeaTV Government Access Comcast Channel 21and live-streamed on the City's website <a href="https://seatacwa.gov/seatvlive">https://seatacwa.gov/seatvlive</a> and click the "live" Channel 1 grey box.

Peter Kwon, Chair Takele Gobena Jake Simpson, Mayor

Note: A quorum of the Council may be present

Other Councilmembers present:

Staff Coordinators: Will Appleton, Public Works Director; Florendo Cabudol, City Engineer.

Other Staff participating:

TIME	TOPIC	PROCESS TYPE	WHO	Time
1	Call to order		Chair	
2	PUBLIC COMMENTS: The committee will hear in-person public comments and is also providing remote oral and written public comment opportunities. All comments shall be respectful in tone and content. Providing written comments and registering for oral comments must be done by 2:00 PM the day of the meeting. Registration is required for remote comments and encouraged for inperson comments. Any requests to speak or provide written public comments which are not submitted following the instructions provided or by the deadline will not be included as part of the record. • Instructions for providing remote oral public comments are located at the following link: Registration for Oral Public Comments - Council Committees and Citizen Advisory		Chair	5

	Submit email/text public comments to TPWPubliccomment@seatacwa.gov. The comment will be mentioned by name and subject and then placed in the committee handout packet posted to the website meeting calendar the next day.			
3	Prior Minutes Approval	May 11 Minutes to Approve	Chair	5
4	Award of ST-903 2023 Overlays Construction Project	Discussion/Action	Brenton Cook	15
5	Adoption of 2024-2029 Transportation Improvement Program (TIP)	Discussion/Action	Florendo Cabudol	20
6	Department Updates	Informational	Will Appleton	5
7	Future Meeting Topics: Right of Way Uses; SWM Utility Fee Rate Study; King County Landfill Fee Restructure;			
8	Adjourn	Adjourn Meeting	Chair	



# Transportation & Public Works Committee Meeting

## Minutes

May 11, 2023 5:30 PM – 6:30 PM \*\* Hybrid Meeting \*\*

Commenced: 5:31 PM Adjourned: 6:29 PM

Members:PresentExcusedUnexcusedCM Kwon, ChairXMayor SimpsonX

CM Takele Gobena

Other Councilmembers participating:

Staff Coordinators: Will Appleton, Public Works Director; Florendo Cabudol, City Engineer

Other Staff Participating: Mason Giem, Public Works Program Coordinator, Zack Shields, Senior Planner, Kamal Mahmoud, Engineering Manager, Dan Smith, Public Works Maintenance Operations Supervisor, Gwen Voelpel, Deputy City Manager, Paul Muppidi, Associate Engineer

1. Call to Order	Chair Kwon called the meeting to order at 5:31 PM.
2. Public Comment	Written public comment: None. Public oral comments: None.
3. Review of the Minutes	A copy of the April 20 minutes was provided to the committee for review and the committee approved the minutes.
Solid Waste Survey Response     Review Presentation by Hans Van	Informational
Dusen, Solid Waste Consultant	Mason Giem, Public Works Program Coordinator and Hans Van Dusen, Solid Waste Consultant co- presented an overview of the solid waste survey response.
	This presentation was informational only and no Council action is required currently.

5. Approve Professional Services	For Consent Agenda
Contract for Transportation Master Plan Update	Florendo Cabudol, City Engineer, and Zack Shields, Senior Planner co- presented an update to the Professional Services Master Plan.
6. Approve Consultant Contract for	The committee unanimously agreed to move the contract to a Regular Council Meeting on Consent Agenda with recommendation to approve.  For Consent Agenda
South 204 <sup>th</sup> Street Improvements ST-	Kamal Mahmoud, Engineering Manager, presented the Consultant Contract for the South 204 <sup>th</sup> Street Improvements.
	The committee unanimously agreed to move the contract to a Regular Council Meeting on Consent Agenda with recommendation to approve.
7. Approve Consultant Contract for	For Consent Agenda
Surface Water Comprehensive Plan Update	Dan Smith, Public Works Maintenance Operations Supervisor, presented an update to the Consultant Contract for Surface Water Comprehension Plan.
	Committee unanimously agreed to move the contract to a Regular Council Meeting as an Action Item with a Presentation, with recommendation to approve.
8. Department Updates	Will Appleton, Public Works Director, presented update items for the Committee.
	<ul> <li>King County Metro has notified cities that they are cancelling 5 percent of their service throughout the area, so that the remainder of their services is fully reliable. We will be putting out messages through our website and social media in the near future, with details.</li> </ul>
	Bids were opened today for the 2023 Overlay Project, located along South 154 <sup>th</sup> Street, from 24 <sup>th</sup> Avenue South to Des Moines Memorial Drive South. The lower bids came in under our Engineer's Estimate. We are evaluating the bids now and will bring the award back to the next T&PW meeting and subsequent council meeting.
9. Adjourn	Chair Kwon adjourned the meeting at 6:29 PM.

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To: Transportation and Public Works Committee Through: William Appleton, Public Works Director

From: Kamal Mahmoud, Engineering Manager and Brenton Cook, Senior Civil Engineer

Date: 05/25/2023

Subject: 2023 Overlay Project (PW CIP ST-903) Construction Bid Award & Expenditures Authorization

#### **Purpose:**

This item is being brought before the Transportation & Public Works (T&PW) Committee to forward for Council review and action, with a recommendation to approve a Motion relating to:

- Award and execution of the construction contract for the 2023 Overlay Project (Public Works Project ST-903) with Tucci & Sons, Inc.
- Authorize a contract amendment with Exeltech Consulting, Inc. for additional design services during construction.
- Authorize project construction expenditures.

#### **Background:**

The 2023 Overlay is a single Project with work being performed at two unique locations separated by a half mile:

- <u>Site 1</u>: South 154<sup>th</sup> Street / South 156<sup>th</sup> Way between Des Moines Memorial Drive and 24<sup>th</sup> Avenue South along the north end of SeaTac International Airport. The project will grind and overlay approximately one mile along the South 154<sup>th</sup> Street / South 156<sup>th</sup> Way corridor between Des Moines Memorial Drive and 24<sup>th</sup> Avenue South. It is bounded on both sides by Port of Seattle owned property. The roadway, including its stormwater infrastructure, was constructed by the Port of Seattle in the early 2000s as part of the Third Runway Project. However, specific segments of this roadway will require full depth asphalt removal and replacement because of advanced asphalt failure. The project scope will also include ADA upgrades to the paved pedestrian pathway along the north side of the roadway. Lastly, stormwater facilities along this corridor will be upgraded to maximize treatment of surface water collected from the roadway.
- Site 2: South 160<sup>th</sup> Street eastbound left turn lane at the signalized intersection that serves the Port of Seattle's Rental Car Facility and taxi staging lot. This site encompasses the eastbound left turn pocket on South 160<sup>th</sup> Street at the signalized intersection necessary for access to the southwest entrance of the Port of Seattle's Rental Car Facility. This turn pocket services hundreds of shuttle bus trips between the airport and the rental car facility every day. The weight of the buses in combination with braking on a downhill slope have caused significant shearing and rutting of the asphalt roadway at this location to the extent that smaller vehicles can be high-centered. This project proposes to demolish the existing asphalt turn pocket and replace it with a cement concrete roadway surface that is more durable and will be able to withstand the repeated traffic loading of these shuttle buses.

This project was advertised for construction bids on April 20<sup>th</sup> with a bid opening on May 11<sup>th</sup>. A total of six sealed bids were received with Tucci & Sons, Inc. being the lowest responsible and responsive bidder at \$1,223,644 (see attached bid opening summary). The lowest bid is approximately 20% below the engineer's estimate for construction (\$1,547,088). \$88,790 of the total construction bid is related to stormwater improvements and will be covered by the 403 Surface Water Utility Fund.

To support City staff during construction, Exeltech Consulting (Engineer of Record) is being retained to provide design support as needed. A contract amendment with proposed scope and fee for these professional services is attached.

Project funding and expenditure details are provided below:

#### **Funding**

	<u> 102 Fund</u>	<b>403 Fund</b>	<b>307 Fund</b>
Available Funds for 2023 Overlay	\$1,330,149.45		
Available Funds for Stormwater Improvements		\$500,000.00	
Available Funds for Staff Overtime			\$19,515.93
Reimbursement for Franchise Utility Related Work	\$34,850.00		
Total Funding Available	\$1,364,999.45	\$500,000.00	\$19,515.93

#### **Expenditures**

	<u> 102 Fund</u>	<u>403 Fund</u>	<u> 307 Fund</u>
Exeltech Contract Amendment (Construction Support) *	\$25,000.00		
Construction Bid (Tucci & Sons, Inc.) **	\$1,134,854.50	\$88,789.50	
Construction Contingency (10%)	\$113,486.00	\$8,879.00	
Estimated Staff Overtime (Inspections)			\$5,000.00
<b>Total Construction Expenditures</b>	\$1,273,340.50	\$97,668.50	\$5,000.00

- \* Exeltech expenditure amount is a placeholder since fee is currently being negotiated by staff. Exeltech's scope will include materials testing services, as well as, on-call engineering support.
- \*\* Both 'Construction Bid' expenditures shown under the 102 and 403 Fund sum to the total construction bid of \$1,223,644.

As shown above, overall construction expenditures for this project are anticipated to total \$1,376,009. Franchise utilities will ultimately absorb \$34,850 of the overall construction contract as it relates to utility adjustment work. There is currently sufficient funding for all anticipated construction expenditures, including a 10% contingency on the construction contract.

#### CITY OF SEATAC 2023 Overlay ST-903 Bid Tabulation

#### Sealed Bids were opened at the City of SeaTac 4800 South 188th Street, SeaTac, Washington 98188 at 1:00 pm on 5/11/2023

#### SCHEDULE A: S 154th St, Des Moines Memorial Dr to 24th Ave S

		Des Moines Memorial Dr to 24th Ave S		Γ	Tucci & 3	Sons Inc.	Lakeside I	ndustries	ICON Ma	iterials	Miles Reso	urces, LLC	Watson Aspha	It Paving Co. Inc.	Puget Paving & 0	Construction Inc.
ITEM NO.	SPEC SECTION	DESCRIPTION	UNIT	TOTAL	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT								
A1		Minor Change	EST	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00		\$ 15.000.00		\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	
A2	SP 1-05.4	Roadway Surveying (Minimum Bid \$1.000)	LS	1	\$ 12,000.00	\$ 12,000.00		\$ 14,000,00				\$ 10,000.00				
A3		SPCC Plan	LS	1	\$ 250.00	\$ 250.00	\$ 550.00	\$ 550.00			\$ 300.00	\$ 300.00		\$ 300.00		
A4	SP 1-05.18	Record Drawings	LS	1	\$ 600.00	\$ 600.00	\$ 800.00			\$ 240.00	\$ 1,100,00			\$ 500.00		
A5	SP 1-09.7	Mobilization	LS	1	\$ 84.000.00		\$ 42.000.00	\$ 42.000.00				\$ 146.812.00				
A6	SP 1-10.5(1)	Project Temporary Traffic Control	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 50,000.00	\$ 50,000.00	61,000.00	\$ 61,000.00	\$ 83,000.00	\$ 83,000.00	\$ 71,000.00	\$ 71,000.00	\$ 83,000.00	
A7	SP 1-10.5(2)	Off-Duty Uniformed Police Officer with Marked Patrol Car	HR	368	\$ 165.00											
A8		Flaggers	HR	1,480	\$ 67.50											
A9	SP 1-10.5(2)	Portable Changeable Message Sign	HR	3,320	\$ 3.50	\$ 11,620.00	\$ 4.00	\$ 13,280.00	3.00	\$ 9,960.00	\$ 2.00			\$ 13,280.00	\$ 5.00	
A10	SP 2-02.5	Removing Cement Conc. Sidewalk	SY	50	\$ 10.00	\$ 500.00	\$ 77.00	\$ 3,850.00	55.00	\$ 2,750.00	\$ 100.00	\$ 5,000.00	\$ 103.00	\$ 5,150.00	\$ 163.00	\$ 8,150.00
A11	SP 2-02.5	Removing Cement Conc. Curb and Gutter	LF	110	\$ 10.00	\$ 1,100.00	\$ 24.00	\$ 2,640.00			\$ 50.00	\$ 5,500.00	\$ 32.00	\$ 3,520.00	\$ 20.00	
A12	SP 2-02.5	Removing Asphalt Conc. Pavement	SY	4,220.0	\$ 8.50	\$ 35,870.00	\$ 10.00	\$ 42,200.00	9.50	\$ 40,090.00	\$ 13.00	\$ 54,860.00	\$ 16.00	\$ 67,520.00	\$ 16.00	
A13	SP 2-02.5	Sawcutting	LF	760	\$ 3.50	\$ 2,660.00	\$ 6.00	\$ 4,560.00	5.00	\$ 3,800.00	\$ 1.00	\$ 760.00	\$ 6.00	\$ 4,560.00	\$ 5.00	\$ 3,800.00
A14	SP 2-03.5	Roadway Excavation Incl. Haul	CY	230	\$ 50.00	\$ 11,500.00	\$ 65.00	\$ 14,950.00	\$ 17.50	\$ 4,025.00	\$ 120.00	\$ 27,600.00	\$ 94.00	\$ 21,620.00	\$ 30.00	
A15	SS 2-03.5	Channel Excavation Incl. Haul	CY	300	\$ 150.00	\$ 45,000.00	\$ 145.00	\$ 43,500.00	105.00	\$ 31,500.00	\$ 120.00	\$ 36,000.00	\$ 196.00	\$ 58,800.00	\$ 150.00	\$ 45,000.00
A16	SP 4-04.5	Crushed Surfacing Base Course, Incl. Haul	TON	5	\$ 100.00	\$ 500.00	\$ 100.00	\$ 500.00	55.00	\$ 275.00	\$ 100.00	\$ 500.00	\$ 173.00	\$ 865.00	\$ 100.00	\$ 500.00
A17	SP 5-04.5	Planing Bituminous Pavement	SY	17,200	\$ 3.75	\$ 64,500.00	\$ 4.00	\$ 68,800.00	4.00	\$ 68,800.00	\$ 4.60	\$ 79,120.00	\$ 5.70	\$ 98,040.00	\$ 6.50	\$ 111,800.00
A18	SP 5-04.5	HMA Cl. 1/2 In. PG 58H-22 for Overlay	TON	1,970	\$ 117.00	\$ 230,490.00	\$ 110.00	\$ 216,700.00	105.00	\$ 206,850.00	\$ 112.00	\$ 220,640.00	\$ 115.00	\$ 226,550.00	\$ 125.00	\$ 246,250.00
A19	SP 5-04.5	HMA Cl. 1/2 In. PG 58H-22 For Pavement Repair	TON	950	\$ 120.00	\$ 114,000.00	\$ 135.00	\$ 128,250.00	106.00	\$ 100,700.00	\$ 126.00	\$ 119,700.00	\$ 150.00	\$ 142,500.00	\$ 145.00	\$ 137,750.00
A20	SP 7-05.5	Adjust Manhole	EA	6	\$ 850.00	\$ 5,100.00	\$ 700.00	\$ 4,200.00	1,600.00	\$ 9,600.00	\$ 1,000.00	\$ 6,000.00	\$ 750.00	\$ 4,500.00	\$ 1,170.00	\$ 7,020.00
A21	SP 7-05.5	Adjust Catch Basin	EA	1	\$ 850.00	\$ 850.00	\$ 700.00	\$ 700.00	700.00	\$ 700.00	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00	\$ 1,170.00	\$ 1,170.00
A22	SP 7-05.5	Adjust Water Valve Box	EA	35	\$ 850.00	\$ 29,750.00	\$ 550.00	\$ 19,250.00	\$ 500.00	\$ 17,500.00	\$ 800.00	\$ 28,000.00	\$ 550.00	\$ 19,250.00	\$ 880.00	\$ 30,800.00
A23	SP 8-01.5	ESC Lead	LS	1	\$ 250.00	\$ 250.00	\$ 1,200.00	\$ 1,200.00	120.00	\$ 120.00	\$ 300.00	\$ 300.00	\$ 1,500.00	\$ 1,500.00	\$ 1,100.00	\$ 1,100.00
A24	SP 8-01.5	TESC Plan	LS	1	\$ 250.00	\$ 250.00	\$ 550.00	\$ 550.00	120.00	\$ 120.00	\$ 300.00	\$ 300.00	\$ 500.00	\$ 500.00	\$ 275.00	\$ 275.00
A25	SS 8-01.5	Inlet Protection	EA	62	\$ 80.00	\$ 4,960.00	\$ 85.00	\$ 5,270.00	\$ 36.00	\$ 2,232.00	\$ 70.00	\$ 4,340.00	\$ 60.00	\$ 3,720.00	\$ 52.00	\$ 3,224.00
A26	SS 8-01.5	Silt Fence	LF	170	\$ 7.00	\$ 1,190.00	\$ 5.00	\$ 850.00	5.50	\$ 935.00	\$ 7.00	\$ 1,190.00	\$ 11.00	\$ 1,870.00	\$ 42.00	
A27	SS 8-01.5	Compost Sock	LF	175	\$ 17.50			\$ 1,225.00	12.00	\$ 2,100.00	\$ 17.50	\$ 3,062.50			\$ 40.00	
A28	SP 8-02	Seeding, Fertilizing and Mulching	SY	1,250	\$ 4.50	\$ 5,625.00	\$ 4.00	\$ 5,000.00	\$ 2.40	\$ 3,000.00	\$ 15.00	\$ 18,750.00	\$ 10.00	\$ 12,500.00	\$ 4.50	
A29	SP 8-02	Compost-Amended Soil Mix	CY	272	\$ 121.00	\$ 32,912.00	\$ 132.00	\$ 35,904.00	114.00	\$ 31,008.00	\$ 100.00	\$ 27,200.00	\$ 127.00	\$ 34,544.00	\$ 270.00	\$ 73,440.00
A30	SP 8-02.5	Property Restoration	EST	1	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
A31	SS 8-04.5	Cement Conc. Traffic Curb and Gutter	LF	110	\$ 70.00			\$ 5,940.00	\$ 85.00	\$ 9,350.00	\$ 50.00	\$ 5,500.00	\$ 56.00	\$ 6,160.00	\$ 53.00	
A32	SS 8-04.5	Cement Conc. Pedestrian Curb	LF	50	\$ 65.00	\$ 3,250.00	\$ 52.00	\$ 2,600.00	\$ 45.00	\$ 2,250.00	\$ 50.00	\$ 2,500.00	\$ 53.00	\$ 2,650.00	\$ 50.00	\$ 2,500.00
A33	SP 8-05	Bollard Type 1	EA	9	\$ 1,650.00	\$ 14,850.00	\$ 2,500.00	\$ 22,500.00	\$ 2,500.00	\$ 22,500.00	\$ 2,300.00	\$ 20,700.00	\$ 3,000.00	\$ 27,000.00	\$ 3,500.00	\$ 31,500.00
A34	SP 8-05	Bollard Type 2	EA	18	\$ 1,050.00			\$ 21,600.00	1,200.00	\$ 21,600.00	\$ 1,100.00	\$ 19,800.00			\$ 2,015.00	
A35	SS 8-06.5	Cement Conc. Driveway Entrance Type 1	SY	40	\$ 90.00	\$ 3,600.00	\$ 88.00	\$ 3,520.00	\$ 100.00	\$ 4,000.00	\$ 80.00	\$ 3,200.00	\$ 91.00	\$ 3,640.00	\$ 87.00	
A36	SS 8-09.5	Recessed Pavement Marker	HUND	4	\$ 3,200.00	\$ 12,800.00		\$ 12,600.00	\$ 3,400.00	\$ 13,600.00	\$ 3,000.00	\$ 12,000.00	\$ 3,140.00	\$ 12,560.00	\$ 3,125.00	
A37	SS 8-13.5	Adjust Monument Case and Cover	EA	6	\$ 850.00					\$ 4,200.00						
A38	SS 8-14.5	Cement Conc. Sidewalk	SY	60	\$ 85.00											
A39	SS 8-14.5	Cement Conc. Curb Ramp Type Parallel B	EA	2	\$ 3,000.00	\$ 6,000.00	\$ 2,500.00	\$ 5,000.00	3,500.00	\$ 7,000.00	\$ 2,500.00	\$ 5,000.00	\$ 2,600.00	\$ 5,200.00	\$ 2,460.00	
A40	SS 8-14.5	Detectable Warning Surface	SF	70	\$ 85.00	\$ 5,950.00	\$ 72.00	\$ 5,040.00	\$ 94.00	\$ 6,580.00	\$ 120.00	\$ 8,400.00	\$ 85.00	\$ 5,950.00	\$ 78.00	
A41	SS 8-15	Quarry Spalls	CY	4	\$ 250.00		\$ 250.00		120.00			\$ 600.00				
A42	SP 8-22.5	Paint Line	LF	12,700	\$ 0.40			\$ 5,080.00								
A43	SP 8-22.5	Painted Wide Line	LF	12,100	\$ 0.67											
A44	SP 8-22.5	Plastic Wide Line	LF	185	\$ 17.50											
A45	SP 8-22.5	Plastic Crosswalk Line	SF	410	\$ 14.00											
A46	SP 8-22.5	Plastic Stop Line	LF	100	\$ 24.00				\$ 25.00							
A47	SP 8-22.5	Plastic Traffic Arrow	EA	4	\$ 550.00											
A48	SP 8-22.5	Painted Bicycle Lane Symbol	EA	35	\$ 200.00				\$ 210.00			\$ 7,000.00			\$ 192.00	
A49	SP 8-23.5	Temporary Pavement Marking - Short Duration	LF	2,000	\$ 0.75	\$ 1,500.00	\$ 1.00	\$ 2,000.00	0.45	\$ 900.00	\$ 2.00	\$ 4,000.00	\$ 1.00	\$ 2,000.00	\$ 0.35	\$ 700.00

Construction Bid Subtotal \$ 1,036,674.00 \$ 1,020,405.25 \$ 1,035,454.00 \$ 1,176,884.50 \$ 1,245,738.00 \$ 1,274,845.00

#### SCHEDULE B: S 160th Street Turn Lane Rebuild

					Tucci & S	ons Inc.	Lakeside	Industries	ICON Ma	terials	Miles Resou	rces, LLC	Watson Asphalt F	aving Co. Inc.	Puget Paving & C	onstruction Inc.
ITEM NO.	SPEC SECTION	<u>DESCRIPTION</u>	UNIT	TOTAL	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE T	OTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
B1	SP 1-04.4(1)	Minor Change	EST	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00 \$	5,000.00	5,000.00	\$ 5,000.00
B2	SS 1-07.15(1)	SPCC Plan	LS	1	\$ 250.00		\$ 550.00					\$ 300.00		300.00		
B3	SP 1-09.7	Mobilization	LS	1	\$ 5,000.00		\$ 10,000.00					\$ 56,000.00	\$ 20,000.00 \$	20,000.00	11,400.00	\$ 11,400.00
B4	SP 1-10.5(1)	Project Temporary Traffic Control	LS	1	\$ 12,000.00		\$ 20,000.00					\$ 50,000.00	\$ 22,000.00 \$	22,000.00		\$ 22,000.00
B5	SP 1-10.5(2)	Off-Duty Uniformed Police Officer with Marked Patrol Car	HR	120	\$ 165.00	\$ 19,800.00	\$ 135.00	\$ 16,200.00	\$ 191.00	\$ 22,920.00	\$ 160.00	\$ 19,200.00		21,600.00	150.00	
B6	SP 1-10.5(2)	Flaggers	HR	320	\$ 67.50	\$ 21,600.00	\$ 73.00					\$ 19,200.00		22,400.00	64.00	
B7	SP 1-10.5(2)	Portable Changeable Message Sign	HR	720	\$ 3.50									2,880.00 \$		
B8	SP 2-02.5	Sawcutting	LF	350	\$ 3.50		\$ 6.00						\$ 5.00 \$	1,750.00 \$	9.00	
B9	SP 2-02.5	Removing Asphalt Conc. Pavement	SY	300	\$ 10.00		\$ 26.00					\$ 6,600.00		12,000.00	33.00	
B10	SP 2-02.5	Removing Precast Dual Sloped Concrete Curb	LF	145	\$ 5.00		\$ 15.00					\$ 2,900.00		1,450.00	40.00	
B11	SP 2-03.5	Roadway Excavation, Incl. Haul	CY	100	\$ 50.00		\$ 70.00					\$ 12,000.00		13,000.00		
B12	SS 2-03.5	Unsuitable Foundation Excavation Incl. Haul	CY	50	\$ 75.00							\$ 6,000.00		2,500.00	100.00	
B13	SP 4-04.5	Crushed Surfacing Base Course, Incl. Haul	TON	100	\$ 100.00		\$ 100.00					\$ 7,500.00		12,000.00	92.00	
B14	SS 5-03.5	Longitudinal Joint Seal	LF	140	\$ 25.00		\$ 20.00					\$ 3,500.00		5,600.00	2.25	
B15	SP 5-04.5	HMA CL. 1/2 In. PG 58H-22 for Pavement Repair	TON	60	\$ 180.00		\$ 225.00					\$ 9,600.00		15,000.00	200.00	\$ 12,000.00
B16	SS 5-05.5	Cement Concrete Pavement	CY	70	\$ 785.00		\$ 735.00					\$ 55,020.00		52,780.00	720.00	
B17	SS 5-05.5	Corrosion Resistant Dowel Bar	EA	90	\$ 35.00		\$ 33.00					\$ 3,150.00		3,150.00	33.00	
B18	SS 5-05.5	Tie Bar with Drill Hole	EA	180	\$ 40.00		\$ 39.00					\$ 6,300.00		7,380.00	39.00	\$ 7,020.00
B19	SP 8-01.5	TESC Plan	LS	1	\$ 250.00		\$ 550.00				\$ 300.00	\$ 300.00		500.00	300.00	\$ 300.00
B20	SS 8-01.5	Inlet Protection	EA	6	\$ 80.00		\$ 85.00					\$ 420.00		360.00	60.00	\$ 360.00
B21	SS 8-07.5	Precast Dual Faced Sloped Mountable Curb	LF	150	\$ 62.00		\$ 62.00					\$ 9,000.00		9,150.00	61.00	
B22	SS 8-09.5	Raised Pavement Marker Type 2	HUND	0.1	\$ 6,700.00		\$ 6,800.00				\$ 6,000.00	\$ 600.00	\$ 6,600.00 \$	660.00	6,600.00	\$ 660.00
B23	SP 8-22.5	Plastic Wide Lane Line	LF	120	\$ 17.00		\$ 17.50					\$ 1,920.00		2,160.00	17.00	\$ 2,040.00
B24	SP 8-22.5	Plastic Crosswalk Line	SF	150	\$ 14.00		\$ 14.00					\$ 1,950.00		2,100.00	14.00	\$ 2,100.00
B25	SP 8-22.5	Plastic Stop Line	LF	40	\$ 24.00		\$ 23.75					\$ 880.00		960.00	24.00	
B26	SP 8-22.5	Plastic Traffic Arrow	EA	2	\$ 850.00	\$ 1,700.00	\$ 825.00	\$ 1,650.00	\$ 850.00	\$ 1,700.00	\$ 750.00	\$ 1,500.00	\$ 825.00 \$	1,650.00	825.00	\$ 1,650.00

 Construction Bid Subtotal
 \$ 186,970.00
 \$ 207,645.00
 \$ 230,241.00
 \$ 282,050.00
 \$ 238,330.00
 \$ 217,555.00

 Construction Bid Total (Schedules A+B)
 \$ 1,223,644.00
 \$ 1,228,050.25
 \$ 1,265,695.00
 \$ 1,458,934.50
 \$ 1,484,068.00
 \$ 1,492,400.00

Apparent Low Bidder

#### CONTRACT

#### **2023 OVERLAY PROJECT**

This CONTRACT made and entered into this day of	<u>,</u> 20, by
and between the City of SeaTac, Washington, a municipal corporation existing un-	der the laws
of the State of Washington, hereinafter called "CITY" and the undersigned	l registered
contractor, hereinafter called the "CONTRACTOR",	

#### WITNESSETH:

That the CONTRACTOR, in consideration of the sums to be paid by the CITY, in the manner and at the time herein provided, hereby covenants and agrees to furnish all labor, tools, materials, equipment and supplies required for, and to execute the construction of, the above referenced project, as more fully set forth in the Specifications and Plans.

The following documents are hereby made a part of this Contract and are incorporated herein:

- A) The Notice to Contractors as published by the CITY.
- B) The Specifications and Special Provisions prepared for this project by the CITY.
- C) The detailed Plans listed and described in the Contract Documents, together with those which may be issued as addendums thereto.
- D) The Bid Proposal submitted by the CONTRACTOR.
- E) Change Orders, additions or deletions, if any, issued by the CITY.

It is agreed that the work covered by this Contract shall be completed in all respects within the time specified in Section 1-08.5 of the Special Provisions. It is further agreed that the CITY will suffer damage and be put to additional expense in the event that the CONTRACTOR shall not have the work completed in all respects and ready for use on or prior to the completion dated stated. As it is difficult to accurately compute the amount of such costs and damages, the CONTRACTOR hereby covenants and agrees to pay to the CITY the liquidated damages as computed in Section 1-08.9 of the Specifications, for each and every working day required to accomplish "Substantial Completion" of the work beyond the period above fixed. It is hereby agreed that the above amount shall be deducted from payment due the CONTRACTOR or deducted from any sums retained for benefit of employees, subcontractors or suppliers (provided the CITY's claim shall be subject to claims filed against the retained sums).

It is further agreed that the amount of the Contract is \$1,223,644.00 (one million two hundred twenty-three thousand six hundred forty-four dollars and zero cents) and is based on the Bid Proposal submitted by the CONTRACTOR. Final payment to the CONTRACTOR shall be a sum of money computed from the actual measured quantities in the completed construction and the unit prices listed in the Bid Schedule of the Contractor's Proposal, less a deduction of five percent (5%) which shall be withheld until thirty (30) days after final acceptance of the work by the City Council and fulfillment of the Contract. Said amount withheld may be a) Retained in a fund by the Contracting Agency, b) Deposited by the Contracting Agency in an interest-bearing account, or c) Placed in Escrow with a bank or trust company by the Contracting Agency in accordance with Chapter 60.28 RCW.

The CONTRACTOR agrees to comply with all state and federal laws relating to the employment of labor and wage rates to be paid. The Contract is subject to RCW 39.12 and amendments and additions thereto relating to minimum wages. NO WORKER, LABORER, OR MECHANIC EMPLOYED IN THE PERFORMANCE OF ANY PART OF THIS CONTRACT SHALL BE PAID LESS THAN THE PREVAILING RATE OF WAGE as determined by the Industrial Statistician of the Department of Labor and Industries. The schedule of prevailing wage rates for the locality or localities where this Contract will be performed is included in the Project Specifications and Bid Documents for the PROJECT as Appendix A and included by reference and made a part of this Contract as though fully set forth herein. The CONTACTOR shall file a "Statement of Intent to Pay Prevailing Wages," with the State of Washington Department of Labor & Industries prior to commencing the Contract work. The CONTRACTOR shall pay prevailing wages in effect on the date the bid is accepted or executed by the CONTRACTOR.

The CONTRACTOR shall defend, indemnify and hold harmless the CITY, its officers, officials, employees, directors, agents and volunteers from any and all claims, injuries, damages, losses or suits, including all legal costs and attorney fees, arising out of or in connection with the CONTRACTOR's performance of this Agreement, except for injuries and damages caused by the CITY's sole negligence. The CONTRACTOR waives any right of contribution against the CITY. The provisions of this paragraph shall survive the expiration or termination of the Agreement.

This paragraph, is to be regarded as supplemental to Section 1-07.14 of the Standard Specifications, General Requirements, and not a limitation upon, the provisions contained in this paragraph. The CITY's inspection or acceptance of any of the CONTRACTOR's work when completed shall not be grounds to avoid any of these covenants of indemnification. Should a court of competent jurisdiction determine that this Agreement is subject to RCW 4.24.115, then, in the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of the CONTRACTOR and the CITY, its officers, officials, employees, agents and volunteers, the CONTRACTOR's liability hereunder shall be only to the extent of the CONTRACTOR's negligence. IT IS FURTHER SPECIFICALLY AND EXPRESSLY UNDERSTOOD THAT THE INDEMNIFICATION PROVIDED HEREIN CONSTITUTES THE CONSTRACTOR'S WAIVER OF IMMUNITY UNDER INDUSTRIAL INSURANCE, TITLE 51 RCW, SOLELY FOR THE PURPOSES OF THIS INDEMNIFICATION. THE PARTIES FURTHER ACKNOWLEDGE THAT THEY HAVE MUTUALLY NEGOTIATED THIS WAIVER. The provisions of this section shall survive the expiration or termination of the Agreement.

The CONTRACTOR shall secure Insurance Coverage as required per Section 1-07.18 of the Special Provisions. The CONTRACTOR shall provide the CITY with proof of insurance prior to the commencement of construction.

The CONTRACTOR agrees to repair and replace all property of the CITY and all property of others damaged by the contractor, it's employees, subcontractors, or agents.

It is understood that the whole of the work under this Contract is to be done at the CONTRACTOR's risk and that contractor is familiar with the conditions of excavation, backfill, materials, climatic conditions, and other contingencies likely to affect the work and has made the bid accordingly and that he assumes the responsibility and risk of all loss or damage to materials or work which may arise from any cause whatsoever prior to completion.

In addition to the amounts required by RCW 60.28 to be withheld from the progress or retained percentage payments to the CONTRACTOR, the CITY may, in its sole discretion, withhold any amounts sufficient to pay any claim against the CONTRACTOR of which the CITY may have knowledge and regardless of the informalities of notice of such claims arising out of the

performance of this Contract provided that the total amounts withheld for such purpose shall not exceed an additional three percent (3%) of the contract price. The term "claim" shall not include any claim against the retained percentage by persons furnishing supplies or performing labor for the CONTRACTOR. The amount may be withheld by the CITY until either the CONTRACTOR secures a written release from the claimant, obtains a court decision that such claim is without merit, or satisfies any judgment in favor of the claimant on such claim. The CITY shall not be liable for interest during the period the funds are so held.

In the event a lawsuit is commenced to enforce any provision of this Contract or the Contract Documents or to recover damages for breach of the same, the prevailing party shall be awarded its reasonable attorney's fees and costs incurred. Venue for any such action shall be in King County Superior Court.

IN WITNESS THEREOF the parties hereto have caused these presents to be duly executed.

CITY OF SEATAC, WASHINGTON	CONTRACTOR	
City Manager	Contractor Name	
Date	Ву	
	Title	
	Date	
APPROVED AS TO FORM:		
City Attorney		

## Exhibit A Amendment 1

Scope of Services

City of SeaTac 2023 Overlay S 154th Street, Des Moines Memorial Drive to 24th Ave S

May, 2023

# Prepared by: Exeltech Consulting, Inc. 29 Commerce Pl Dr NF, Suite A

8729 Commerce PI Dr NE, Suite A Lacey, WA 98516



#### **INTRODUCTION**

The City of SeaTac (hereinafter "CLIENT") is the Contracting Agency for this scope of services. Exeltech Consulting, Inc. (hereinafter "Consultant") shall work under the CLIENT's designated Project Manager and, as directed by the CLIENT, shall provide Engineer of Record (EOR) and material testing services for the 2023 Overlay Project (hereinafter "Project") to support the CLIENT.

#### PROJECT DESCRIPTION

The 2023 Overlay Project will resurface approximately 6,070 lineal feet of asphalt roadway along the South 154th / South 156th Street corridor between Des Moines Memorial Drive and 24th Avenue South / Air Cargo Road along the northern perimeter of SeaTac International Airport. The project extents will not encompass the intersections at either end of the roadway corridor. In general, the City plans to perform a 2- to 3-inch grind and overlay. In some areas, existing pavement conditions may warrant full depth removal and replacement. Existing pedestrian facilities to be updated to meet ADA requirements. In addition, existing stormwater facilities to be updated to provide enhanced treatment to improve treatment and provide continued functionality.

#### **PROJECT SCHEDULE**

Notice to Proceed

TBD

• EOR/Material Testing Services June 2023 to Sept. 2023 (Est.)

#### **PROJECT ASSUMPTIONS**

#### **GENERAL**

- 1. The Consultant will rely on accuracy of all CLIENT provided information and assumes no liability or legal exposure for any inaccuracies or inconsistencies that are discovered.
- 2. CLIENT will keep the Consultant informed as to status of reviews, invoices, and other decisions that may affect the delivery of the Project.
- 3. Budgeting assumes a continuous construction schedule.
- 4. The CLIENT will make timely payment of invoices (within 30 days of approved invoice).
- 5. All CLIENT directed activities, above and beyond the scope of work, will require written confirmation from the CLIENT Project Manager or designee.
- Services shall be limited to those expressly set forth herein. If the service is not
  specifically identified herein, it is expressly excluded. Consultant shall have no other
  obligations, duties or responsibilities associated with the project except provided in this
  agreement.

#### 6. CONSTRUCTION PHASE SERVICES

### 6.1 Engineer of Record (EOR) Construction Support Services

The Consultant shall provide engineering technical support throughout the construction duration of the project. The Consultant shall work under the CLIENT's Project Manager in charge of construction.

The Consultant will provide Engineer of Record (EOR) construction support services to include:

- Review and respond to Requests for Information on the project and provide clarification and interpretation of contract specifications and drawings
- Review of project materials submittals, including catalog cuts, specifications, material certifications, welding procedures, and other submittals required by the contract
- Review and respond to Contractor Change Orders for CLIENT approval and Contractor execution.

Since the level of effort for On-Call Construction Support Services cannot be accurately predicted, the budget provided for Construction Support Services is an allowance only; which is to be expanded on a time and material basis.

#### 6.2 Materials Testing Services

The Consultant shall provide the following Materials Testing Services:

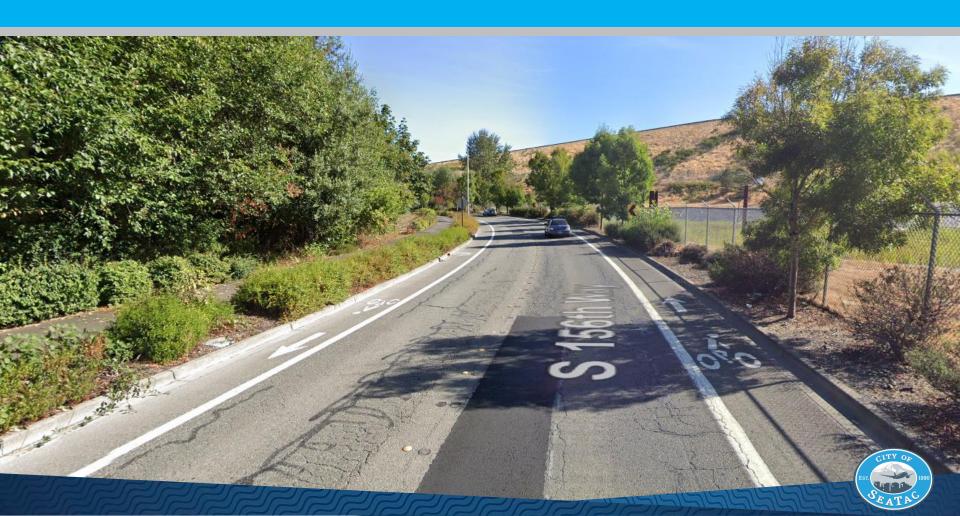
- Testing services for HMA materials related to paving. Samples will be picked up from the asphalt plant and testing will be performed by the analytical laboratory testing subcontractor, eight sublots are anticipated and testing will include the following:
  - One asphalt ignition and oven correction test
  - Eight asphalt ignition and gradation tests
  - Two rice density determinations
- Testing services for CSBC, including Proctor and moisture content determinations.
- Observe surface preparation and application of tack coat when on site.
- Observe placement and compaction of HMA and perform density testing.
- Observe placement and compaction of CSBC or other fill materials placed for hardscape areas and perform density testing.

- Provide daily field reports documenting the results of the observed paving activities, recommendations, and nuclear density tests.
- Submit a summary report of our construction observation activities.

On Call Materials testing will be provided as requested by the Consultant and approved by the CLIENT, not to exceed \$15,000.

# 2023 Overlay Project PW CIP ST-903

May 25, 2023



## PRESENTATION OVERVIEW

### **PURPOSE OF PRESENTATION**

Staff to provide overview of the 2023 Overlay Project and seek Committee recommendation regarding a Motion authorizing the following:

- Award construction contract with Tucci & Sons, Inc.
- An amendment to an existing contract with Exeltech Consulting for design services during construction.
- Authorize construction expenditures.

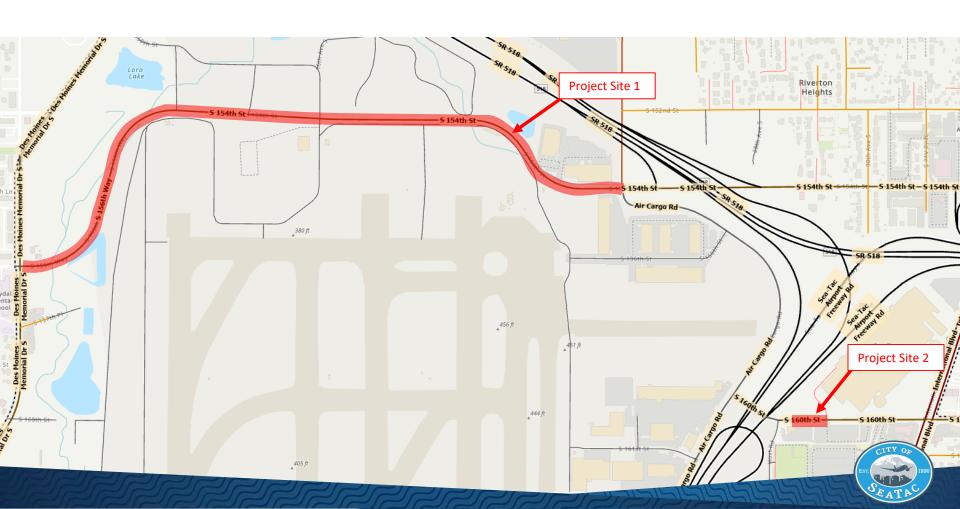
## WHY IS THIS ISSUE IMPORTANT?

- 1. This project is necessary to rehabilitate the roadway, upgrade pedestrian facilities to ADA standards, and upgrade stormwater facilities.
- 2. Exeltech Consulting is the Engineer of Record for this project and will be retained to provide construction support services as needed.
- 3. If authorized, staff to issue notice to proceed and start construction in late June to early July 2023.



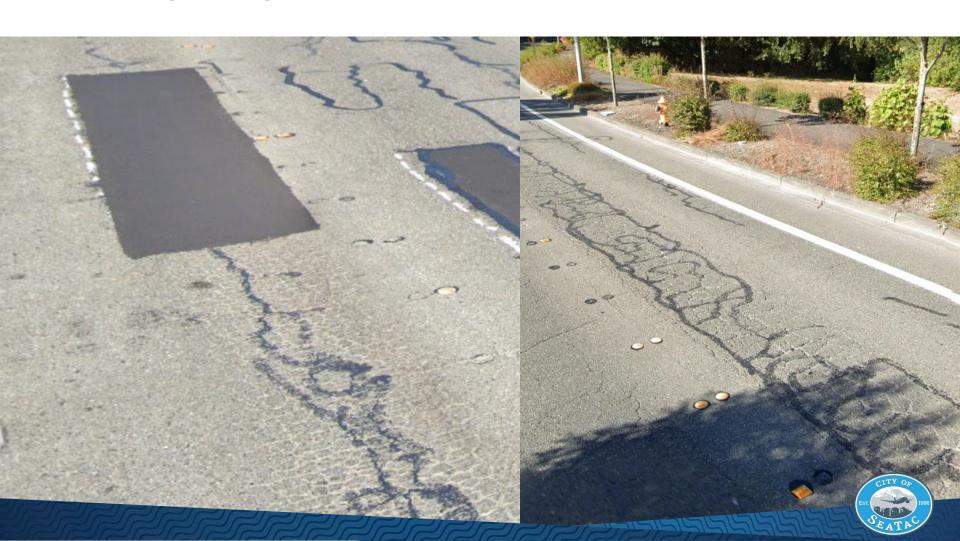
## **PROJECT LOCATION**

- Two project sites separated by approximately ½ mile.
- Construction anticipated to start early June 2023.



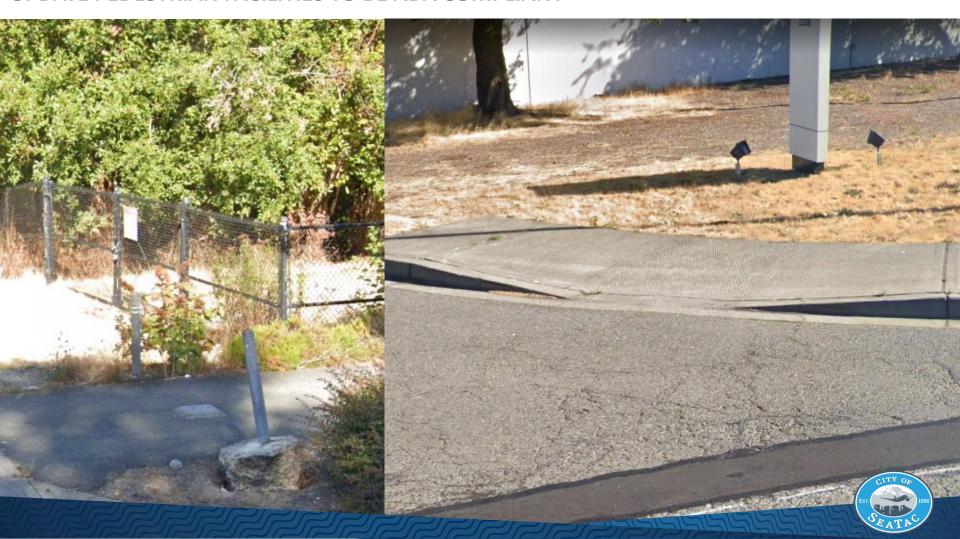
## PROJECT ELEMENTS (SITE 1)

## **REHABILITATE ASPHALT ROADWAY**



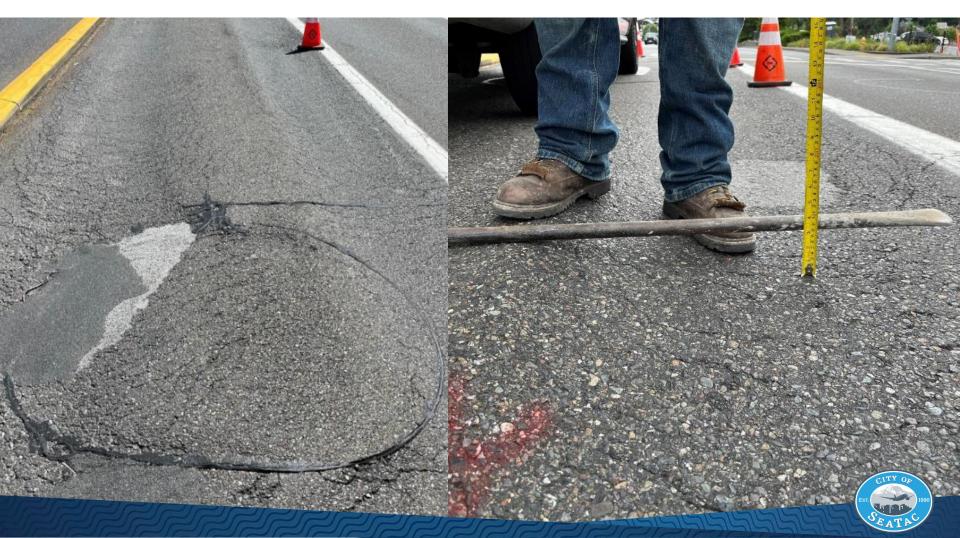
## PROJECT ELEMENTS (SITE 1)

**UPDATE PEDESTRIAN FACILITIES TO BE ADA COMPLIANT** 

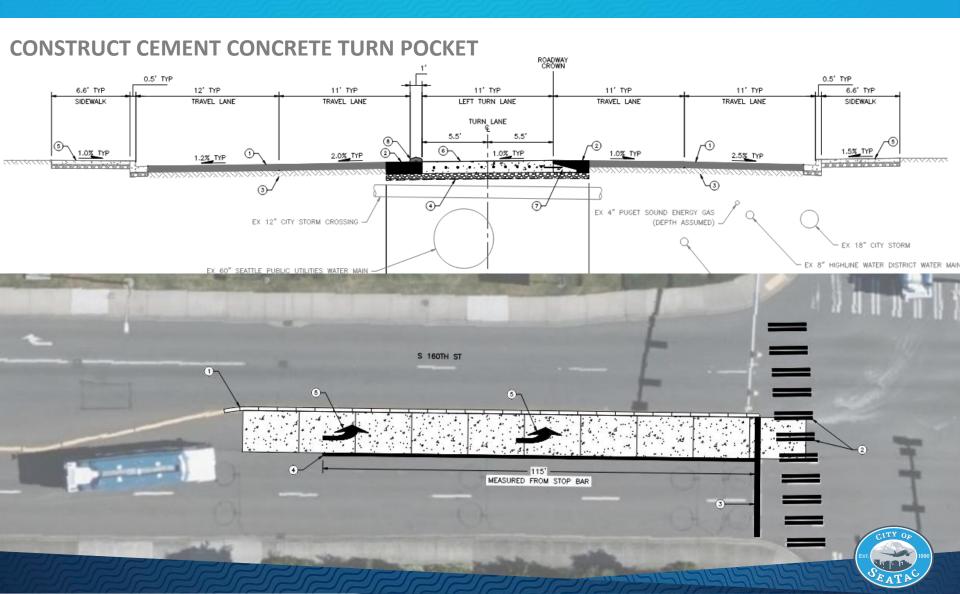


## PROJECT ELEMENTS (SITE 2)

## **CONSTRUCT CEMENT CONCRETE TURN POCKET**



## PROJECT ELEMENTS (SITE 2)



## AGENDA BILL OVERVIEW

### **Construction Contract**

- Project was advertised on April 20, 2023 and bid opening was on May 11, 2023
- City received six bids.
- Tucci & Sons, Inc. was the lowest responsible responsive bidder at \$1,223,644.
- The Bid was \$323,444 below the Engineer's Estimate of \$1,547,088
- Contract provisions stipulate the City must award the contract within 45 calendar days of bid opening.

## **Exeltech Contract Amendment – Design Support Services**

- Exeltech Consulting provided design services for this project and is the Engineer of Record for this project.
- Proposing to execute an amendment to expand scope of work to provide design support and materials testing services during construction as needed.



## **FUNDING OVERVIEW**

## Budget at a Glance

Funding	<u>102 Fund</u>	<u>403 Fund</u>	<u>307 Fund</u>
Available Funds for 2023 Overlay	\$1,330,149.45		
Available Funds for Stormwater Improvements		\$500,000.00	
Available Funds for Staff Overtime			\$19,515.93
Reimbursement for Franchise Utility Related Work	\$34,850.00		
Total Funding Available	\$1,364,999.45	\$500,000.00	\$19,515.93
Expenditures	<u>102 Fund</u>	<u>403 Fund</u>	<u>307 Fund</u>
Expenditures  Exeltech Contract Amendment – Construction Support	<b>102 Fund</b> \$25,000	<u>403 Fund</u>	<u>307 Fund</u>
•		<b>403 Fund</b> \$88,789.50	<u>307 Fund</u>
Exeltech Contract Amendment – Construction Support	\$25,000		<u>307 Fund</u>
Exeltech Contract Amendment – Construction Support Construction Bid (Tucci & Sons, Inc.)	\$25,000 \$1,134,854.50	\$88,789.50	307 Fund \$5,000.00



## **COMMITTEE ACTION**

## **COMMITTEE ACTION REQUESTED**

 Forward Agenda Bill 6178 to Council for action and presentation on June 13, 2023.

## STAFF RECOMMENDATION

Forward Agenda Bill 6178 to Council for action.





To: Transportation and Public Works Committee Through: William Appleton, Public Works Director

From: Florendo Cabudol, City Engineer

Date: 5/25/2023

Subject: 2024-2029 Transportation Improvement Program

#### **Purpose:**

To review the proposed 2024-2029 Transportation Improvement Program (TIP) and seek the Committee's approval to bring it forward to a public hearing at the 06/13/23 Regular Council Meeting (RCM) and recommend Council adoption.

#### **Background:**

The proposed TIP was developed in accordance with the requirements of Chapters 35.77 and 47.26 of the Revised Code of Washington (RCW). The City of SeaTac adopted its original Transportation Improvement Program on August 14, 1990 (Resolution 90-115). The City is also required to adopt a revised and extended TIP on an annual basis to reflect the City's current and future transportation infrastructure needs.

A draft TIP was presented to the Transportation and Public Works (TPW) Committee on April 20, 2023 for review and feedback. The proposed version reflects comments and feedback from the committee, staff, and other stakeholders. This version also incorporates adjustments to project schedules to better align funding with projected construction expenditures. Projects that are programmed into the TIP that are not actively being worked on can be moved within the program as needs, funding and grant opportunities require.

The proposed TIP focuses on three main themes, preservation, multi-modal transportation, and pedestrian safety. Near-term projects/programs that are underway in support of these themes include the overlay program (2023 Overlay); the sidewalk program (Projects include ST-015, ST-141, ST-016, and ST-134); and the pedestrian crossing program (ST-834). Programming of the latter year projects (those not actively in design or construction) was done with two primary concepts in mind: providing timely and appropriate infrastructure for our residents and aligning public projects to leverage private investment.

The City is required to hold a minimum of one public hearing to comment on the revised TIP. The public hearing is scheduled to occur during the 6/13/23 RCM. After adoption by Resolution, the revised TIP must be filed with the Washington State Secretary of Transportation and the Washington State Transportation Improvement Board.

Please see the attached proposed 2024-2029 TIP project list and presentation slide deck for more information.

## **Options/Recommendation:**

Staff seeks a recommendation from the Committee to forward the proposed TIP to Council for adoption at the June 13 RCM.



D - DESIGN S - STUDY R/W - RIGHT OF WAY C - CONSTRUCTION

MP - MISCELLANEOUS PROJECT

ST -STREET PROJECT

ST-N - NON-MOTORIZED PROJECT

Annual projects to implement the Safe and
Complete Streets Plan to construct pedestrian
and bicycle facilities on selected streets.

Projects shown in Table 4-5 in the TMP.

Priority	Project Title and Description		Total Project Cost over 6- year TIP	2024	2025	2026	2027	2028	2029	Comp Plan TE	Council/PSRC
ST-N#	Neighborhood Multi-Modal Transportation Improvement Program	Citywide	\$13,500,000	\$2,250,000	\$2,250,000	\$2,250,000	\$2,250,000	\$2,250,000	\$2,250,000	Goal 4.1, 4.3, 4.4 Policy 4.1A, 4.3A, 4.4A, 4.4B, 4.4C, 4.4D, 4.4E, 4.4F, 4.4G, 4.4H, 4.4I	Council Goal 1 PSRC MPP-G-1, T-1, 14, 15, 16, 23, 24
1	Annual projects to implement the Safe and construct pedestrian and bicycle facilities of		n	D = \$250,000 C = \$2,000,000							
ST-886	Annual Street Overlays & Preservation Program	Citywide	\$7,800,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	Goal 4.1, Policy 4.1A, 4.2S	Council Goal 1 PSRC MPP-G-1, T-1, 2, 14
2	Maintain and preserve the integrity of the through a combination of repair to major preserving pavements to extend their usable are structurally declining.	pavement failures, crack sealing of		D/C	D/C	D/C	D/C	D/C	D/C		
MP-033	Commute Trip Reduction Program Annual Element	Citywide								Goal 4.1, Policy 4.1A, 4.1B	Council Goal 1 PSRC MPP-G-1, T-1, 3, 5, 9, 14, 23, 24
3	Provide for review, approval, and monitori (CTR) programs for major employers within	-	n	(\$27,000 WSDOT)							
ST-834	Pedestrian Crossing Program	Citywide	\$600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	Goal 4.1, 4.4 Policy 4.1A, 4.4A, 4.4C, 4.4F	Council Goal 1 PSRC MPP-G-1, T-1, 4, 14, 15, 16, 23, 24
4	Develop criteria and install infrastructure t crossings.	o facilitate safe pedestrian		С	С	С	С		С		
ST-887	Intelligent Transportation Systems (ITS) Program	Citywide	\$600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	Goal 4.1, 4.2, Policy 4.1A, 4.2T	PSRC MPP-G-1, T-1, 3, 14
5	Implement Intelligent Transportation Syste coordination and management, transit sign and response, ITS device management, and include communications equipment, traffic surveillance and monitoring, video detection management center.	nal priority, roadway monitoring d data collection. System could c signal equipment, video		С	С	С	С	С	С		
ST-162	International Blvd Safety Improvements	Throughout Corridor	\$500,000		\$250,000	\$250,000				Goal 4.1, 4.2, 4.4, Policy 4.1A, 4.2R, 4.4A, 4.4C, 4.4F	Council Goal 1 MPP-G-1, T-1, 4, 14
6	Implement safety improvements identified reduction. Possible improvements assume near-side traffic signals and improvements crossings.	d in cost estimates include four									

Page 1 2024-2029 TIP



D - DESIGN S - STUDY R/W - RIGHT OF WAY
C - CONSTRUCTION

ST -STREET PROJECT

MP - MISCELLANEOUS PROJECT

ST-N - NON-MOTORIZED PROJECT

Annual projects to implement the Safe and

Complete Streets Plan to construct pedestrian and bicycle facilities on selected streets.

Projects shown in Table 4-5 in the TMP.

Priority	Project Title and Description		Total Project Cost over 6- year TIP	2024	2025	2026	2027	2028	2029	Comp Plan TE	Council/PSRC
ST-141	Airport Station Area Improvements	S 170th St to S 176th St	\$14,235,504	\$2,166,308	\$1,163,822	\$9,988,650	\$9,988,650			Goal 4.1, 4.4, Policy 4.1A, 4.3A, 4.4A, 4.4C, 4.4D, 4.4E, 4.4G, 4.4H	Council Goal 1 MPP-G-1, T-1, 14, 15, 16, 23, 24
7	Combines CIP project scopes for ST-141 Elements include installation/improvem bicycle lanes, separating bicycles from voverhead utilities; intersection improve South 176th Street, and installation of confurniture and artwork.	nent of sidewalks; stand alone vehicular traffic; underground of ments at 32nd Avenue South and		D/RW	D/RW	С	С				
ST-134	S 204th St Improvements	32nd Ave S to 34th Ave S	\$6,200,000	\$550,000	\$3,150,000	\$2,500,000				Goal 4.1, 4.4, Policy 4.1A, 4.3A, 4.4A, 4.4C, 4.4D, 4.4E, 4.4G, 4.4H	Council Goal 1 MPP-G-1, T-1, 14, 15, 16, 23, 24
8	Reconstruct roadway and connectivity to 204th St will include: drainage, curb, gubicycle lanes, and parking. Consolidated ST-136 (32nd Ave S), and ST-N77 (S 202	tter, sidewalks, lighting, shared d with projects ST-N19 (30th Ave S),	,	D	D/ROW/C	С					
ST-126	S 152nd St Improvements	30th Ave S to Military Rd	\$6,008,000			\$800,000	\$2,208,000	\$3,000,000		Goal 4.1, 4.2, 4.3, 4.4, Policy 4.1A, 4.2J, 4.2P, 4.3A, 4.4A, 4.4D, 4.4E, 4.40	Council Goal 1, 4 G PSRC MPP-G-1, T-1, 14, 15, 16, 21, 23, 24, 26
9	Widen existing roadway and construct sid lighting, storm drainage, and on-street pa access and circulation improvements for vin support of redevelopment.	rking (where feasible). Provide				D = \$600,000 R/W = \$200,000	D/RW/C				
ST-161	S 200th St	International Blvd to Military Rd	\$400,000				\$100,000	\$300,000		Goal 4.1, 4.2, 4.4, Policy 4.1A, 4.2J, 4.2P, 4.2R, 4.4D, 4.4E, 4.4G	Council Goal 1, 5 PSRC MPP-G-1, T-1, 14, 15, 16, 17, 18, 21, 23, 24, 26
10	After completion of the SR509 Stage 18 at projects, update S 200th St Corridor Plan						S/D	D			
ST-016	34th Ave S, Phase 2	S 166th St to S 176th St	\$15,200,000	\$700,000	\$1,200,000	\$4,650,000	\$8,650,000			Goal 4.1, 4.2, 4.4, Policy 4.1A, 4.2J, 4.2P, 4.2R, 4.4A, 4.4D, 4.4E, 4.4G	Council Goal 1 PSRC MPP-G-1, T-1, 4, 14, 15, 16, 23, 24, 26
11	Reconstruct roadway to collector arterial curb, gutter, shared bicycle facilities, and measures. Underground utility lines.	_ ·		D	D/ROW	С	С				
ST-157	32nd Ave S Improvements	S 152nd St to S 154th St	\$3,200,000				\$300,000	\$900,000	\$2,000,000	Goal 4.1, 4.2, 4.3, 4.4, Policy 4.1A, 4.2J, 4.2H, 4.2P, 4.3A, 4.4A, 4.4D, 4.4E, 4.4G	Council Goal 1, 4 PSRC MPP-G-1, T-1, 9, 14, 15, 16, 21, 23, 24, 26
12	Reconstruct and widen roadway; install culanes, sidewalk, lighting, and on-street pa						D = \$150,000 R/W = \$150,000	D = \$300,000 C = \$600,000	С		

Page 2 2024-2029 TIP



D - DESIGN S - STUDY

ST -STREET PROJECT

R/W - RIGHT OF WAY C - CONSTRUCTION MP - MISCELLANEOUS PROJECT

ST-N - NON-MOTORIZED PROJECT

Annual projects to implement the Safe and Complete Streets Plan to construct pedestrian and bicycle facilities on selected streets.

Projects shown in Table 4-5 in the TMP.

Priority	Project Title and Description		Total Project Cost over 6- year TIP	2024	2025	2026	2027	2028	2029	Comp Plan TE	Council/PSRC
ST-164	IS 15/1th St	32nd Ave S and SR 518 Westbound Off Ramp	\$1,129,000					\$250,000	\$879,000	Goal 4.1, 4.2 Policy 4.1A, 4.2H	Council Goal 4 PSRC MPP-G-1, T-1, 9, 14, 21, 26
13	Install traffic signal at new 32nd Ave S inter the S 154th St Station Area Plan. This proje of SR518 WB off-ramp to S 154th St by WS	ect is conditioned on realignment						D	С		
ST-158	30th Ave S Improvements	S 152nd St to S 154th St	\$1,000,000					\$200,000	\$800,000	Goal 4.1, 4.2, 4.3, 4.4, Policy 4.1A, 4.2J, 4.2H, 4.2P, 4.3A, 4.4A, 4.4D, 4.4E	Council Goal 1, 4 PSRC MPP-G-1, T-1, 9, 14, 15, 16, 21, 23, 24, 26
14	Reconstruct and widen roadway; install of sidewalk, lighting, and on-street parking							D = \$150,000 R/W = \$50,000	D = \$200,000 C = \$600,000		
ST-116	Military Rd & S 160th St	International Blvd to S 166th St	\$2,230,500				\$787,000	\$700,000	\$743,500	Goal 4.1, 4.2, 4.4, Policy 4.1A, 4.1B, 4.2J, 4.2P, 4.2R, 4.4A, 4.4C, 4.4D, 4.4E, 4.4G, 4.4H	Council Goal 1 PSRC MPP-G-1, T-1, 14, 15, 16, 23, 24, 26
15	Reconstruct and widen to provide for drapedestrian facilities, upgrade existing sig lighting, continuous left turn lane, and un Reconfigure the section between 34th Allanes to three lanes with a two way left to sidewalk on the north side.	nals, channelization, street nderground overhead utilities. ve S and Military Rd from four					D	D	ROW		
ST-N39	42nd Ave S	S 160th St to Military Rd	\$1,417,204					\$141,720	\$1,275,484	Goal 4.1, 4.4, Policy 4.1A, 4.4A, 4.4C, 4.4D, 4.4E, 4.4G, 4.4H	Council Goal 1 MPP-G-1, T-1, 14, 15, 16, 23, 24
16	Construct new separated bikeway and improved pedestrian facility.							D	С		
ST-069	S 208th St	International Blvd to 28th/24th Ave S	\$350,000						\$350,000	Goal 4.1, 4.2, 4.4, Policy 4.1A, 4.2J, 4.2P, 4.2R, 4.4A, 4.4C, 4.4D, 4.4E, 4.4G	Council Goal 1 PSRC MPP-G-1, T-1, 9, 14, 15, 16, 17, 18, 23, 24, 26
17	Reconstruct roadway to urban minor art separated bicycle facilities.	erial with pedestrian and							D=\$200,000 R/W=\$150,000		
ST-140	S 216th St	Military Rd S to 35th Ave S	\$2,550,000				\$200,000	\$1,350,000	\$1,000,000	Goal 4.1, 4.2, 4.4, Policy 4.1A, 4.2J, 4.2P, 4.2R, 4.4A, 4.4C, 4.4D, 4.4E, 4.4G	Council Goal 1 PSRC MPP-G-1, T-1, 14, 15, 16, 23, 24, 26
18	Reconstruct roadway, install drainage, cu sidewalks. Underground utility lines.	ırb, gutter, sharrows, and					D=\$200,000	D=\$200,000 R/W=\$150,000 C=\$1,000,000	С		
ST-N22	S 152nd St	29th Ln S to 30th Ave S	\$200,000						\$200,000	Goal 4.1, 4.4, Policy 4.1A, 4.3A, 4.4A, 4.4C, 4.4D, 4.4E	Council Goal 1 MPP-G-1, T-1, 14, 15, 16, 21, 23, 24
19	Construct new pedestrian facility.								D = \$150,000 R/W = \$50,000		

2024-2029 TIP Page 3



D - DESIGN S - STUDY R/W - RIGHT OF WAY
C - CONSTRUCTION

ST -STREET PROJECT

MP - MISCELLANEOUS PROJECT

ST-N - NON-MOTORIZED PROJECT

Annual projects to implement the Safe and
Complete Streets Plan to construct pedestrian
and bicycle facilities on selected streets.
Projects shown in Table 4-5 in the TMP.

Priority	Project Title and Description		Total Project Cost over 6- year TIP	2024	2025	2026	2027	2028	2029	Comp Plan TE	Council/PSRC
ST-N53	S 152nd St	24th Ave S to 30th Ave S	\$250,000						\$250,000	Goal 4.1, 4.4, Policy 4.1A, 4.3A, 4.4A, 4.4D, 4.4E, 4.4G	Council Goal 1 MPP-G-1, T-1, 14, 15, 16, 21, 23, 24
20	Construct new separated bikeway and p	edestrian facility.							D = \$200,000 R/W = \$50,000		
ST-044	S 198th St	International Blvd to 28th Ave S	\$3,100,000					\$920,000	\$2,180,000	Goal 4.1, 4.4, Policy 4.1A, 4.2P, 4.4A, 4.4E	PSRC MPP-G-1, T-1, 14, 26
21	Construct a new three lane roadway with access point to the Angle Lake Station Are intersection with 28th Ave S. On-street page 1	a. Includes a roundabout at the						D/ROW	D/C		
ST-022	Military Rd S	S 128th St to S 150th St	\$3,100,000				\$550,000	\$550,000	\$2,000,000	Goal 4.1, 4.2, 4.4, Policy 4.1A, 4.1B, 4.2J, 4.2P, 4.2R, 4.4A, 4.4C, 4.4D, 4.4E, 4.4G, 4.4H	Council Goal 1, 4 MPP-G-1, T-1, 14, 15, 16, 21, 23, 24, 26
22	Reconstruct and widen to provide for drain facilities. Construct left turn lanes at high v						D/ROW	D/ROW	С		
MP-069	Federal Way Transit Extension	S 200th St to Federal Way	\$0							Goal 4.1, 4.5, 4.9, Policy 4.1A, 4.5A, 4.5D, 4.5F, 4.9B, 4.9C	Council Goal 1 PSRC MPP-G-1, T-1, 9, 14, 15, 21, 23, 24, 26
Other Agency	Sound Transit (ST) is extending light rail station on S 200th St in SeaTac to the Fe distance of about 7.6 miles. In addition t International Blvd, ST will also build WSI International Blvd.	ederal Way Transit Center, a to builing the light rail crossing of									

Page 4 2024-2029 TIP



D - DESIGN S - STUDY R/W - RIGHT OF WAY C - CONSTRUCTION

ST -STREET PROJECT

MP - MISCELLANEOUS PROJECT

ST-N - NON-MOTORIZED PROJECT

Annual projects to implement the Safe and
Complete Streets Plan to construct pedestrian
and bicycle facilities on selected streets.
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Priority	Project Title and Description		Total Project Cost over 6- year TIP	2024	2025	2026	2027	2028	2029	Comp Plan TE	Council/PSRC
ST-849	Lake to Sound Trail	Des Moines Memorial Dr from S 188th St/S Normandy Park Rd to 8th Ave S	\$0							Goal 4.1, 4.4, 4.9, Policy 4.1A, 4.4A, 4.4B, 4.4D, 4.4E, 4.4G, 4.9B	Council Goal 1 PSRC MPP-G-1, T-1, 9, 14, 15, 16, 23, 24
	This portion of the multi-jurisdictional Lak in Burien. A bicycle/pedestrian trail would Des Moines Memorial Dr to 8th Ave S. The by King County. The Lake to Sound Trail w from Lake Washington to Puget Sound.	I be extended south of SR 509 along e improvements are being designed									
MP-043.1	SR 509 Extension Stage 1a & 1b	28th/24th Ave S to I-5	\$0							Goal 4.1, 4.2, 4.7, 4.9, Policy 4.1A, 4.2C, 4.2D, 4.2F, 4.2M, 4.9B	Council Goal 6 PSRC MPP-G-1, T-1, 9, 14, 17, 18, 26
Other Agency	Construct new, full access control freew existing SR 509 freeway terminus with 2 includes two lane each way, with truck and 28th/24th Ave S. Two lanes each w Ave S and I-5.	28th/24th Ave S and I-5. Phase 1 climbing lanes, between S 188th St									
WSDOT	S 204th St/34th Ave S/S 208th St/S 206th St Connector Road	٦	\$0							Goal 4.1, 4.2, 4.9, Policy 4.1A, 4.2C, 4.2D, 4.2F, 4.2M, 4.9B	Council Goal 6 PSRC MPP-G-1, T-1, 9, 14, 17, 18, 26
Other Agency	This project is included with the extensi street lighting, and utility infrastructure the neighborhood after S 208th St is sev	. This road provides circulation to									
MP-043.2	SR 509 Extension Stage 2	S 188th St/Des Moines Memorial Dr S to 28th/24th Ave S	\$0							Goal 4.1, 4.2, 4.9, Policy 4.1A, 4.2C, 4.2D, 4.2F, 4.2M, 4.9B	Council Goal 6 PSRC MPP-G-1, T-1, 9, 14, 17, 18, 26
Other Agency	Construct new, full access control freew existing SR 509 freeway terminus at S 1 with 28th/24th Ave S. Stage 2 includes interchange at S 188th St/Des Moines N	88th St/Des Moines Memorial Dr S two lane each way, with a full									
		Total Costs	#REF!	\$7,166,308	\$9,513,822	\$21,938,650	\$26,533,650	\$12,061,720	\$15,427,984		

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Priority

#### 2024 - 2029 Transportation Improvement Program

D - DESIGN S - STUDY R/W - RIGHT OF WAY
C - CONSTRUCTION

ST -STREET PROJECT

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and Complete Streets Plan to construct pedestrian and bicycle facilities on selected streets.
Projects shown in Table 4-5 in the TMP.

Annual projects to implement the Safe and

Project Title and Description Pro

Total Project Cost over 6-

2024

2025

2026

2027

2028

2029 Comp Plan TE

Council/PSRC

	year TIP
Comprehensive Plan	n Transportation Element Goal <a href="http://www.seatacwa.gov/home/showdocument?id=21325">http://www.seatacwa.gov/home/showdocument?id=21325</a>
4.1	For the benefit of SeaTac's residents, businesses, and visitors, promote the safe and efficient transport of people and goods by implementing and maintaining an integrated multi-modal transportation system that also supports and encourages alternative and active transportation modes.
<b>4.1</b> a	Continue to plan for and implement a multi-modal transportation system that supports the safe, efficient and reliable movement of people, vehicles, and goods while balancing transportation needs with other community values.
4.1b	Develop a multi-modal transportation system that preserves and protects natural resources, reduces adverse impacts on the environment, and complies with federal, state, regional, and local policies.
4.2	Develop and maintain an arterial street and highway system that reduces regional and airport traffic on City arterials, and cost-effectively improves safety for all travel modes, manages congestion to reduce delays and the impacts of traffic diverting through neighborhoods, and enhances the look and feel of the City.
4.2h	Work with WSDOT to revise the existing SR 518 interchange with International Boulevard and S. 154th Street consistent with the South 154th Station Area Plan and WSDOT's SR 518 Route Development Plan (RDP).
<b>4.2</b> j	Align classification of streets and arterials to reflect their desired functional use. The functional classification system should be based on the volume of present/future traffic, design, multi-modal facilities, adjacent land uses, and consistency in connections with other agency transportation facilities.
4.2p	Establish appropriate transportation design standards for arterials, and local streets based on balancing the functional classification needs of the facility and the needs of the adjacent land uses. The design elements should accommodate and encourage alternative and active transportation modes such as transit, HOV, pedestrians, and bicycles for each classification. Amenities should enhance the mobility options by providing an improved environment for all users.
4.2r	Invest in improvements to arterials to meet current design standards including pedestrian and bicycle facilities, turn lanes, improved drainage, and enhanced traffic control and illumination. The improvements should be designed and constructed to improve safety, reduce maintenance costs, support economic development, reduce environmental impacts, and improve the quality of the transportation system for all modes
4.3	Design and operate neighborhood streets to maximize safety of all appropriate travel modes, reduce cut-through traffic, and enhance the look and feel of the City's transportation system in a cost-effective manner.
4.3a	Upgrade residential neighborhood streets with pedestrian and bicycle facilities and increased access to transit in alignment with pedestrian and bicycle network plans.
4.4	Plan for and develop a system of transportation facilities for all users and all modes including pedestrians, transit users and bicyclists.  Promote safe pedestrian movement as a basic means of transportation and assure adequate pedestrian facilities, amenities and connections
4.4a	are provided for in conjunction with other transportation facilities and developments.
4.4b	Coordinate with King County and other agencies to advance construction of the Lake to Sound Trail.
4.4c	Work to design and construct arterials to include safe and attractive pedestrian facilities (including crossings) on both sides of the street.
4.4d	Serve the City's residential areas with transit and a well-connected network of sidewalks and bicycle paths.
4.4e	Prioritize safety and pedestrian capacity improvements on streets that provide access to schools, parks, transit facilities, public facilities, and within the Urban Center.

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Priority

#### 2024 - 2029 Transportation Improvement Program

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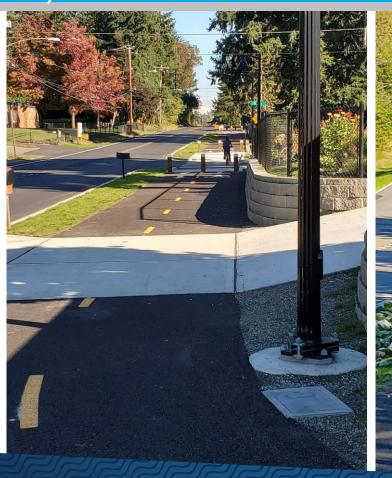
Total
Project Title and Description Project Cost over 6- 2024 2025 2026 2027 2028 2029 Comp Plan TE Council/PSRC
year TIP

-	,
4.4g	Develop and implement a network of bicycle facilities providing for safe, interconnected travel within the City and providing connections to regional facilities and major local destinations as described in the Safe and Complete Streets Plan.
4.4h	Prioritize completing a north-south bicycle route east of International Boulevard between S. 188th Street and S. 160th Street.
4.4i	Work to implement directional and way-finding signage to direct bicyclists to the desired bike routes and destinations within the City.
4.5	Encourage the use of transit and other High Occupancy Vehicle (HOV)/multi-modal travel modes to more efficiently accommodate a larger proportion of existing and future travel in and adjacent to the City of SeaTac to reduce the adverse impacts of driving alone.
4.8	Establish and maintain a consistent, sustainable, adequate, and equitable funding program to maintain, operate and improve the City's transportation system in a timely manner to support implementation of the City's Comprehensive Plan.
4.8A	Prioritize transportation projects and programs that best improve safety and, connectivity, support economic growth, preserves prior transportation investments, and increases capacity of travel modes, reflective of available revenues.
4.9	Actively coordinate with the Port of Seattle, WSDOT, and regional and local agencies to advance transportation projects and programs identified in this Transportation Element and in the Transportation Master Plan.

City Goals	http://www.seatacwa.gov/home/showdocument?id=12893
City Operations	Continueously improve the effectiveness and efficiency of city government
Community Engagement	Actively engage the community to gather input on city governance and issues of concern
Infrastructure Investment	Improve the community by making capital investments
Accountability	Improve Public Safety
Revenue and Development	Steward the City's financial resources and promote economic development to ensure sustainability and future growth.

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TRANSPORTATION & PUBLIC WORKS COMMITTEE MEETING MAY 25, 2023







## PRESENTATION OVERVIEW

## PURPOSE OF PRESENTATION

Staff to provide Committee an overview of the Final 2024-2029 Transportation Improvement Program.

Obtain the Committee's support to forward the TIP to the 6/13/23 RCM and Public Hearing and recommend Council adoption.

## WHY IS THIS ISSUE IMPORTANT?

- 1. The Transportation Improvement Program (TIP) identifies serves as a work plan to deliver City transportation projects for the next six years.
- 2. The TIP helps strategically align the City's transportation projects with the following:
  - City's Comprehensive Plan
  - City's Capital Improvement Plan
  - Neighboring Cities' TIP
  - Outside Agency's Plans/TIP (Port, WSDOT, Sound Transit, Puget Sound Regional Council)
- 3. In most cases, City transportation projects identified in the TIP becomes eligible for grant funding.
- 4. The TIP brings the City in compliance with the State's Growth Management Act and State Law (RCW 35.77.010).

## ANNUAL TIP UPDATE PREPARATION

The 2024-2029 TIP updates current project list with consideration from several sources

City's Comprehensive
Plan and
Capital Improvement
Program

Local Agency's Plans/TIP

(Tukwila, Des Moines, Burien, Kent, Utility Districts)

**Annual TIP** 

Regional Agency's Plans/TIP

(Port, WSDOT, Sound Transit, Puget Sound Regional Council)

Public Input and Private Development



Consideration for prioritizing projects include (but not limited to) several factors:





## PROGRAMMATIC TIP PROJECTS, funded annually



### ST-N# PEDESTRIAN/NON-MOTORIZED PROJECTS

• This program is used to implement non-motorized transportation projects that are not part of an identified roadway improvement project.



## Annual Street Overlays & Preservation Program

- Locations identified in 2017 Pavement Management Report
- Maintenance records also factor in location selections



## Commute Reduction Program Annual Element

• To comply with state law RCW 70.94.521



### **Pedestrian Crossing Program**

 Program to identify locations for new marked crosswalks or to enhance existing crosswalks



## Intelligent Transportation Systems (ITS)

• Plan and program to address City's traffic management system



CAPITAL PROJECTS (PLEASE SEE ATTACHED SPREADSHEET)







## **Council Goals**

## **Committee Discussion**

Committee to review and discuss/confirm Council goals and priorities as it relates to the 6-year TIP.

#### Goals



#### **Promote Our Neighborhoods**

Develop urban villages around light rail stations that promote programs and activities to create a sense of place, while maintaining single-family neighborhoods.



#### **Build Effective & Accountable Government**

Increase community trust through better community engagement, collaboration, and transparency.



#### **Create & Preserve Housing**

Ensure access for all to adequate, safe, and affordable housing, and basic human services



#### **Expand Green & Public Spaces**

Enhance the community by maintaining and improving parks and community spaces.



#### **Increase Connectivity & Safety**

Create a more cohesive city by investing in infrastructure and leveraging partnerships to promote pedestrian mobility, public safety, and access to public transit.



## POTENTIAL COMMITTEE ACTION

## **COMMITTEE ACTION REQUESTED**

- Staff seeks approval from Committee to forward the 2024-2029 TIP for Council action with a recommendation to adopt the TIP.
- Next Steps:
  - Public hearing will be held at the 6/13/23 RCM prior to final Council action on passing a Resolution adopting the 2024-2029 TIP.
  - The adopted 2024-2029 TIP will then be submitted to the Washington State Secretary of Transportation and other agencies.

