



# City of Tukwila Transportation and Infrastructure Services Committee

- ❖ Kate Kruller, Chair
- ❖ Mohamed Abdi
- ❖ Tosh Sharp

<b>Distribution:</b> K. Kruller C. Hougardy T. Sharp H. Ponnekanti S. Kim (email) G. Lerner (email)	City Attorney (email) Clerk File Copy  Place pkt pdf on SharePoint Z Trans & Infra Agendas  email cover to: F. Ayala, A. Le, C. O'Flaherty, A. Youn, B. Saxton, S. Norris, L. Humphrey
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## AGENDA


TUESDAY, JUNE 21, 2022 – 5:30 PM  
HYBRID MEETING – ONSITE AND VIRTUAL

DUWAMISH CONFERENCE ROOM, 6300 BUILDING, 2<sup>ND</sup> FLR  
MS Teams: [Click here to join the meeting](#)

**Virtual Meeting - Members of the public may listen by dialing 1-253-292-9750 and entering conference ID 832142070# 6300 BUILDING, SUITE 100)**

Item	Recommended Action	Page
<b>1. PRESENTATIONS</b>		
<b>2. BUSINESS AGENDA</b>		
a) Public Works Fleet and Facilities Tenant Improvements Contract No. 18-197, Amend No. 5 (H. Ponnekanti)	a) Forward to the 06/27/22 Special Consent Agenda	Pg. 1
b) Public Works Fleet and Facilities Tenant Improvements Contract No. 16-179, Amend No. 5 (H. Ponnekanti)	b) Forward to the 06/27/22 Special Consent Agenda	Pg. 9
c) Public Works Fleet and Facilities Tenant Improvements Contract No. 21-046, Change Order No. 15 (H. Ponnekanti)	c) Forward to the 06/27/22 Special Consent Agenda	Pg. 15
d) Public Works Shops Phase 2 Project Update (H. Ponnekanti)	d) Discussion only	Pg. 35
e) 2022 Overlay and Repair Program Bid Award (D. Elder)	e) Forward to the 06/27/22 Special Consent Agenda	Pg. 39
f) Neighborhood Traffic Calming Program Project Update (D. Elder)	f) Discussion only	Pg. 57
<b>3. MISCELLANEOUS</b>		

**Next Scheduled Meeting: July 18, 2022**

 *The City of Tukwila strives to accommodate individuals with disabilities. Please contact the Public Works Department at 206-433-0179 for assistance.*





## **INFORMATIONAL MEMORANDUM**

**TO: Transportation and Infrastructure Services Committee**  
**FROM: Hari Ponnekanti, Public Works Director / City Engineer**  
**BY: Justine Kim, Senior Project Manager, Shiels Oblatz Johnsen, Inc.**  
**CC: Mayor Allan Ekberg**  
**DATE: June 17, 2022**  
**SUBJECT: Public Works Fleet and Facilities Tenant Improvement Project**  
**Project Number 91630601,**  
**Contract 18-197, Amendment No. 5**

### **ISSUE**

Approve Amendment No. 5 to Contract No. 18-197 with SHKS Architects for the Public Works Fleet and Facilities Tenant Improvement Project.

### **BACKGROUND**

The City Council adopted a Combined Public Works Shop Capital Project as part of the City's Public Safety Plan. This project was most recently updated in the 2021-2022 Adopted Budget. The City chose a site in 2017, purchased properties in 2018 and began Phase 1 design and construction in 2019. Additional funding is needed for the Public Works Fleet and Facilities Tenant Improvement Project (Phase 1 of the Public Works Shop) of \$1 million to complete exterior work (roofing work, exterior envelope, and covered storage), as was discussed at Transportation and Infrastructure Services Committee on April 4, 2022. At the April 11, 2022 Committee of the Whole meeting, Council provided their consensus to proceed with this funding plan as outlined. This amendment is one of the steps in proceeding with the funding plan, specifically related to architectural services.

The City of Tukwila hired SHKS Architects to perform architectural design and planning services for the Public Works Project as part of the Tukwila Public Safety Plan, in the amount of \$299,997.00. Amendment No. 1 was for additional services and fees for preparing permit and bid documents, obtaining demolition permits, and construction contract administration for the demolition of two existing buildings on the City of Tukwila Public Works future site, in the amount of \$16,500.00. Amendment No. 2 provided Schematic Design, Design Development, Construction Documents, Bidding, Construction Administration, and Project Closeout services related to Public Works project in the amount of \$570,768.00. Amendment No. 3 provided continued construction administration time beyond basic services, in the amount of \$39,125.00. Amendment No. 4 was a no cost, time extension amendment to extend the contract end date to December 31, 2022.

### **ANALYSIS**

Amendment No. 5 is for services which includes design and construction oversight for the roofing enhancement, envelope painting/repair, and addition of detached storage buildings at the Public Works Fleet and Facilities property. These services will include preparing design, permit (as applicable) and Request for Change Order Proposal documents for the Tukwila Public Works Shops roofing enhancement, envelope painting/repair and detached storage buildings project.

### **FISCAL IMPACT**

The expenditures associated with these tasks are anticipated and are included in the Council approved project budget. SHKS Architects has provided an hourly cost, not to exceed \$130,000.00, to perform the additional services in Amendment No. 5. The total contract amount will now be \$1,056,390.00.

A. Original Contract – <i>Master Planning &amp; Programming</i>	\$299,997.00
B. Amendment No. 1 – <i>Bid documents, demolition permits &amp; construction contract administration</i>	\$16,500.00
C. Amendment No. 2 – <i>Schematic Design, Design Development, Construction Documents, Bidding, Construction Administration, and Project Close-Out</i>	\$570,768.00
D. Amendment No. 3 – <i>Additional Construction Administration, Tukwila Public Works Scope additions/revisions</i>	\$39,125.00
E. Amendment No. 4 – <i>No Cost, Time Extension Only</i>	\$0.00
<b>F. Amendment No. 5 – <i>Design/Construction oversight for Roofing Enhancement, Envelope Repair, Addition of Detached Storage Buildings</i></b>	<b>\$130,000.00</b>
<b>New Contract Amount</b>	<b>\$1,056,390.00</b>

**RECOMMENDATION**

Council is being asked to approve Amendment No. 5 to Contract No. 18-197 with SHKS Architects in the amount of \$130,000.00 and to consider this item on the Consent Agenda of the June 27, 2022, Special Council Meeting.

**Attachments:** SHKS Architects Amendment No. 5  
 SHKS Architects Scope of Work and Fee – EXHIBIT A



**CONTRACT FOR SERVICES**

**Amendment No. 5**

**Between the City of Tukwila and SHKS Architects**

That portion of Contract No. 18-197 between the City of Tukwila and SHKS Architects is hereby amended as follows:

**Section 1 Project Designation:** The Consultant is retained by the City to perform Architectural Design, Planning and Close-Out services in connection with the project titled Tukwila Public Works Facility project (“Project”).

**Section 2 Scope of Services:** The Consultant agrees to perform the services, identified on Exhibit “A” attached hereto, including the provision of all labor, materials, equipment and supplies.

**Section 4 Payment.** The Consultant shall be paid by the City for completed work and for services rendered under this Agreement as follows:

Payment for the work provided by the Consultant shall be made as provided on Exhibit "A" attached hereto, provided that the total amount of payment to the Consultant shall not exceed **\$1,056,390** (including estimated expenses) without express written modification of the Agreement signed by the City. The total fee for additional services related to Amendment No. 5 are **\$130,000**.

All other provisions of the contract shall remain in full force and effect.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2022

CITY OF TUKWILA

CONSULTANT

\_\_\_\_\_  
Allan Ekberg, Mayor

\_\_\_\_\_  
Jonathan Hartung, Principal

ATTEST/AUTHENTICATED

APPROVED AS TO FORM

\_\_\_\_\_  
Christy O’Flaherty, MMC, City Clerk

\_\_\_\_\_  
Office of the City Attorney

June 09, 2022

Justine Kim  
Shiels | Obletz | Johnsen  
101 Yesler Way, Suite 606  
Seattle, WA 98104


Re: CITY OF TUKWILA PUBLIC WORKS

Dear Justine,

The following proposal for services includes design and construction administration for the roofing enhancement, envelope repair, and addition of detached storage buildings at the Tukwila Public Works Fleet and Facilities property. These services include preparing design, permit (as applicable) and Job Order Contract bid documents, for the Tukwila Public Works Shops Envelope repair/replacement and detached storage buildings project.

Please do not hesitate to contact us with any questions you may have.

Sincerely,



Adam Hurschreider, AIA  
Principal

cc: file

**ADDITIONAL SERVICES FEE PROPOSAL**

Project Name CITY OF TUKWILA PUBLIC WORKS

Date Submitted June 09, 2022

Revision Number: 4

**PROJECT UNDERSTANDING**

*Basic services include design, permit, construction documents, bidding, and limited construction phase services for the Tukwila Public Works Shops Envelope repair/replacement and design review/coordination of the detached storage buildings. Our scope of work includes renovations to the existing building and design review of stand-alone storage structures. Renovations include: roof retrofitting (membrane roofing installed over existing roof), exterior envelope repair and replacement (replacement of existing metal cladding to +/- 8 feet, repair of existing metal panel above, and painting of building), and manufactured steel platform at generator. Storage structure design review consists of review of supplier/manufacture provided drawings and coordination/review of the design to meet operational requirements of the City. It is our understanding that The City of Tukwila has elected to perform this work utilizing a Job-Order-Contractor.*

Basic services include architectural, structural, and envelope consulting services. Basic service meetings are limited to three (3) meetings during Design, four (4) meetings during Construction Documents, and monthly meetings during Construction. Each meeting is budgeted for two hour including travel time. All meetings are scheduled to occur at TPW offices. Meetings during design and construction documents beyond (7) identified above, are an additional service. Meetings during construction beyond (3-SHKS, 12 – Envelope Consultant), are an additional service.

**SCOPE OF SERVICES & DELIVERABLES – ENVELOPE REPAIR**

1. Design
  - 100% Design Drawings and outline specifications
  - 100% Design Cost Plan
  - Permit submittal including drawings, calculations and revisions (as necessary)
2. Construction Documents
  - 100% Bid Documents (drawings and specifications)
  - 100% Bid Documents Cost Plan
3. Bidding (Job-order Contractor)
  - Coordinate issuance of bid documents
  - Respond to bidder questions
  - Clarify bid documents
4. Construction Phase Services
  - Envelope Consultant to perform weekly (assumes 12) job walks/issue field reports to confirm construction in accordance with design intent
  - Attend monthly meetings with JOC and owner to review progress
  - Perform punch walk and issue punch list

**SCOPE OF SERVICES & DELIVERABLES – STORAGE STRUCTURE DESIGN REVIEW**

1. Design
  - Review manufacturer/supplier provided documents
  - Confirm/coordinate with City of Tukwila that the design meets operational requirements
  - Attendance at (2) meetings with owner
  - Civil Engineering for grading, site drainage.
2. Construction Documents
  - Review construction documents for design intent conformance

**MAXIMUM ALLOWABLE CONSTRUCTION COST (MACC)**

The anticipated maximum allowable construction cost (MACC) for the Envelope Repair project is \$1,100,000.

**BASIC SERVICE FEE**

We have based our fee proposal on the State of Washington A/E Fee Schedule for Public Works Building Projects. Based on the scope and deliverables we have prorated the fee and percentage, the fixed fee for basic services is **\$130,000**. Should the cost of construction exceed the anticipated MACC we will request additional compensation as necessary.

**REIMBURSABLES:**

Expenses in addition to compensation for Basic Services include expenses incurred by the Architect directly related to the Project. Expense costs to be reimbursed by the Client may include but are not limited to the following: printing, courier fees, mileage, permit fees, other fees, presentation materials, models, visualizations, and photography. The Architect shall seek prior authorization from the Owner for these expense costs.

For Reimbursable Expenses the compensation shall be the expenses incurred by the Architect plus « Ten » percent ( «10 » %) of the expenses incurred.

The estimated reimbursable expenses for this project are \$500.

**EXCLUSIONS**

Construction administration phase services and project closeout are excluded.

**SUMMARY OF FEES**

Envelope Repair/Replacement:	\$85,000
Civil Engineering:	\$10,000 ALLOWANCE
Envelope Consultant:	\$25,000 ALLOWANCE
Storage Structure Design Review:	\$9,500
<u>Reimbursables:</u>	<u>\$500</u>
<b>Total:</b>	<b>\$130,000</b>

**RATES**

Rates are hourly, in accordance with the rates stated in City Project No. 91630601, Contract 18-197.

**SCHEDULE**

Design	04/01/22 through 05/13/22
Construction Documents	05/16/22 through 06/17/22
Bidding	06/20/22 through 07/13/22



Construction

TBD





### INFORMATIONAL MEMORANDUM

TO: Transportation & Infrastructure Services Committee  
 FROM: Hari Ponnekanti, Public Works Director/City Engineer  
 BY: Justine Kim, Senior Project Manager, Shiels Obletz Johnsen, Inc.  
 CC: Mayor Allan Ekberg  
 DATE: June 17, 2022  
 SUBJECT: **Public Works Fleet and Facilities Tenant Improvement Project**  
**Project No. 91630601,**  
**Contract No. 16-179, Amendment No 5**

**ISSUE**

Approve Amendment No. 5 to Contract No.16-179 with Shiels Obletz Johnsen (SOJ) for the Public Works Fleet and Facilities Tenant Improvement Project.

**BACKGROUND**

The City Council adopted a Combined Public Works Shop Capital Project as part of the City’s Public Safety Plan. This project was most recently updated in the 2021-2022 Adopted Budget. The City chose a site in 2017, purchased properties in 2018 and began Phase 1 design and construction in 2019. Additional funding is needed for the Public Works Fleet and Facilities Tenant Improvement Project (Phase 1 of the Public Works Shop) of \$1 million to complete exterior work (roofing work, exterior envelope, and covered storage), as was discussed at Transportation and Infrastructure Services Committee on April 4, 2022. At the April 11, 2022, Committee of the Whole meeting, Council provided their consensus to proceed with this funding plan as outlined. This amendment is one of the steps in proceeding with the funding plan, specifically related to construction management services.

City of Tukwila hired SOJ to perform Project Management services for the Public Safety Plan Project. The initial contract amount and Amendment No. 1 was \$3,187,614.00. Amendment No. 2 was a no cost time extension, through December 31, 2021, only. The table below shows the original contract breakdown of fees dedicated to each project (These numbers include Amendment No. 1). Amendment No. 3 included SOJ’s Construction Administration Management services on the Phase I Tenant Improvement Project work at the new Public Works location. Amendment No. 4 covered SOJ’s continued assistance with the Tenant Improvement Project Construction Administration through pandemic related schedule delays and the concrete strike, bringing the total current contract amount to \$3,354,471.65. The budget table under Fiscal Impact shows the breakdown of each amendment.

Justice Center <i>(Opened summer of 2020)</i>	\$1,954,091.00
Fire Station 51 <i>(Opened summer of 2020)</i>	\$337,155.00
Fire Station 52 <i>(Opened spring of 2021)</i>	\$524,663.00
Fire Station 54 <i>(Site procurement completed 2018)</i>	\$100,000.00
Public Works <i>(Site procurement 2018 and Master Plan 2019)</i>	\$271,705.00
<b>TOTAL (including Amendment No 1)</b>	<b>\$3,187,614.00</b>

**ANALYSIS**

SOJ has provided a proposal for Amendment No. 5. These services include Construction Administration (CA) on the Fleets and Facilities Building roof enhancement, envelope painting/repair,

and addition of detached storage buildings scope of work. This amendment covers SOJ's efforts from July 2022 through December 2022.

**FISCAL IMPACT**

The expenditures associated with these tasks are anticipated and are included in the Council approved project budget. SOJ has provided a proposed amount of \$84,901.00 to perform the services in Amendment No. 5. The table below shows the initial contract amount, previous amendments, new proposed amendment amount, and the new not to exceed total of \$3,439,372.65.

<b><u>Public Safety Plan Project</u></b>	
Original Contract Amount for Public Safety Plan	\$2,694,716.00
Amendment No 1 - <i>(Additional scope to all project sites)</i>	\$492,898.00
Subtotal <i>(up to Amendment No 1)</i>	\$3,187,614.00
Amendment No 2 - <i>(No cost time extension)</i>	\$0.00
Amendment No 3 - <i>(PW Fleets and Facilities CA)</i>	\$127,617.65
Amendment No 4 – <i>(Cont. PW Fleets &amp; Facilities CA)</i>	\$39,240.00
Subtotal <i>(up to Amendment No 4)</i>	\$3,354,471.65
<b>Amendment No 5 – <i>(PW Fleet &amp; Facilities Roof Enhancement, Exterior Scope CA)</i></b>	<b>\$84,901.00</b>
<b>New Total Contract Amount</b>	<b>\$3,439,372.65</b>

**RECOMMENDATION**

Council is being asked to approve Amendment No. 5 to Contract No. 16-179 with Shiels Oblatz Johnsen in the amount of \$84,901.00 and to consider this item on the Consent Agenda of the June 27, 2022, Special Council Meeting.

**ATTACHMENTS:** Contract Amendment No 5 to Contract #16-179 with SOJ  
 Shiels Oblatz Johnsen proposal for services with Scope of Work and Fee



**City of Tukwila**

Agreement Number:16-179(e)

6200 Southcenter Boulevard, Tukwila WA 98188

**CONTRACT FOR SERVICES**

**Amendment No. 5**

**Between the City of Tukwila and Shiels Oblatz Johnsen, Inc.**

That portion of Contract No. 16-179 between the City of Tukwila and Shiels Oblatz Johnsen, Inc. is hereby amended as follows:

**Section 1 Project Designation:** The Consultant is retained by the City to perform Project Management services in connection with the project titled Tukwila Public Safety Plan and PW Fleets and Facilities Building Tenant Improvements Projects.

**Section 2 Scope of Services:** The Consultant agrees to perform the services, identified on Exhibit "A" attached hereto, including the provision of all labor, materials, equipment, and supplies.

**3. Duration of Agreement; Time for Performance.** This Agreement shall be in full force and effect for a period commencing upon execution and ending December 31, 2022, unless sooner terminated under the provisions hereinafter specified. Work under this Agreement shall commence upon written notice by the City to the Consultant to proceed. The Consultant shall perform all services and provide all work product required pursuant to this Agreement no later than December 31, 2022 unless extension of such time is granted by writing by the City.

**Section 4 Payment.** The Consultant shall be paid by the City for completed work and for services rendered under this Agreement as follows:

Payment for the work provided by the Consultant shall be made as provided on Exhibit "A" attached hereto, provided that the total amount of payment to the Consultant shall not exceed **\$3,439,372.65** (including estimated expenses) without express written modification of the Agreement signed by the City. The total fee for additional services related to Amendment No. 5 are **\$84,901**.

All other provisions of the contract shall remain in full force and effect.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

CITY OF TUKWILA

CONTRACTOR

\_\_\_\_\_  
Allan Ekberg, Mayor

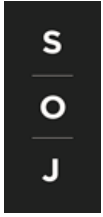
\_\_\_\_\_  
Brad Tong, Managing Director

ATTEST/AUTHENTICATED

APPROVED AS TO FORM

\_\_\_\_\_  
Christy O'Flaherty, MMC, City Clerk

\_\_\_\_\_  
Office of the City Attorney



June 09, 2022

Hari Ponnekanti  
Director of Public Works  
6200n Southcenter Blvd.  
Tukwila WA 98188

**Project: Tukwila Public Works – Fleets and Facilities (Heiser Building Tenant Improvement)**

**Subject: Proposal for Construction Administration Management Contract Amendment**

Dear Hari:

SOJ is please to submit our proposal to continue to assist with the Fleets and Facilities Heiser Building Tenant Improvement Project Construction Administration on the roof enhancement, envelope painting/repair and addition of detached storage buildings scope of work.

**Fee**

\$84,901 (including \$3,000 of reimbursable expenses) for continued assistance with the management of the roof enhancement and exterior scope of the Heiser Building, being executed by Lincoln Construction Company and SHKS architects.

**Duration**

We are forecasting that this proposal covers our efforts from July 2022 through December 2022.

**Scope of Services**

- Overseeing the construction progress toward roof enhancement, envelope painting/repair and addition of detached storage buildings scope of work.

We appreciate your consideration of the above and look forward to your response.

Sincerely,

Justine Kim  
Partner / SOJ  
Cc: File

**Public Works Fleet and Facilities - Roofing and Exterior Scope**

6/9/2022

	2022\$ Rates	July	August	September	October	November	December	Total Hrs	
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Rates are 2022\$

Justine Kim Est. Hours									
Billing Rate: \$239/hour	\$ 239	42	42	42	42	42	41	251	\$59,989
Matt Strutynski Est. Hours									
Billing Rate: \$83/hour	\$ 83	44	44	44	44	44	44	264	\$21,912

Equivalent FTE:

**\$81,901**

Reimbursable Expenses

500

500

500

500

500

500

\$3,000

Total for Amendment No 5:

**\$84,901**







## INFORMATIONAL MEMORANDUM

**TO:** Transportation and Infrastructure Services Committee  
**FROM:** Hari Ponnekanti, Public Works Director/ City Engineer  
**By:** Justine Kim, Senior Project Manager, Shiels Oblatz Johnsen, Inc.  
**CC:** Mayor Allan Ekberg  
**DATE:** June 17, 2022  
**SUBJECT:** Public Works Fleet and Facilities Tenant Improvement Project  
Project No. 91630601  
Contract No. 21-046, Change Order No. 15

### Issue

Approve Change Order No. 15 to Contract No. 21-046 with Lincoln Construction, Inc. for the Public Works Building Tenant Improvements Project for ordering of roofing materials due to a long lead time.

### Background

The City Council adopted a Combined Public Works Shop Capital Project as part of the City's Public Safety Plan. This project was most recently updated in the 2021-2022 Adopted Budget. The City chose a site in 2017, purchased properties in 2018 and began Phase 1 design and construction in 2019. Additional funding is needed for the Public Works Fleet and Facilities Tenant Improvement Project (Phase 1 of the Public Works Shop) of \$1 million to complete exterior work (roofing work, exterior envelope, and covered storage), as was discussed at Transportation and Infrastructure Services Committee on April 4, 2022. At the April 11, 2022 Committee of the Whole meeting, Council provided their consensus to proceed with this funding plan as outlined. This Change Order is one of the steps in proceeding with the funding plan, specifically related to the roofing work.

The Public Works Fleet and Facilities Tenant Improvement Project scope includes seismic upgrades, plumbing and electrical, fire protection, HVAC upgrades, and interior offices, locker rooms, and showers. The project is complete, and the Fleets and Facilities division will begin the move-in process in the coming weeks.

The project team is in the process of negotiating the Change Order for the roofing enhancement scope of work, among other exterior work, which was approved to proceed by the Council in April of 2022. The project team was informed that the roofing material to be installed are impacted by Covid-19 pandemic related supply chain disruption and it will take between 12 to 16 weeks for delivery from the order date. We also learned that the same material cost is estimated to increase between 8% to 15% in the next two months. Thus, we recommend moving forward with this Change Order now to avoid the anticipated cost increase.

### Analysis

The project architect is in the process of completing the documents for exterior scope of work, and it will take a few more weeks to perform due diligence to arrive at a fair, negotiated Change Order amount with Lincoln Construction. While waiting for the final negotiated number, it will be most advantageous for the City to approve ordering of the roofing materials that have a long lead requirement due to the

current market conditions. The attached draft Change Order has details of the material components that are required to perform the roofing enhancement work.

The table below describes the current construction contract with Lincoln Construction, Incorporated from the original contract to the current contract sum to date as of May (including sales tax). As a reminder, at the time of bid award, Lincoln Construction was the third lowest responsive bidder after two other contractors rescinded their bids due to error. One of the conditions requested by Lincoln Construction of accepting the award was to exclude the Bid Alternate for the roof enhancement scope. This was due to Lincoln’s Bid error associated with the Alternate.

**Fiscal Impact**

The expenditures associated with these tasks are anticipated and are included in the Council approved project budget. Lincoln Construction has provided a proposed amount of \$339,441.00 for the purchase of roofing materials. The table below shows the initial contract amount, previous Change Orders, the new proposed Change Order amount, and the new contract total of \$6,204,595.72.

<b>Lincoln Construction Contract</b>	
Original Contract	\$ 4,427,221.00
Total Change Orders to Date (Including May)	\$ 899,895.00
Total Contract Sum to Date	\$ 5,327,116.00
Sales Tax	\$ 538,038.72
Subtotal (through Change Order #14)	\$ 5,865,154.72
<b>Change Order #15 for Roofing Enhancement (Materials Only)</b>	<b>\$ 339,441.00</b>
<b>New Contract Amount</b>	<b>\$ 6,204,595.72</b>
Council Approved Maximum Construction Budget (Tenant Improvement + Roof/Exterior Scope)	\$ 7,982,180.86
Remaining Amount of Council Approved Construction Budget after Change Order #15	\$ 1,777,585.14

**Next Steps**

Order the roofing material and complete the documents for the 20-year roofing system upgrade, and other exterior scope of work and bring the negotiated Change Orders to Council for approval.

**Recommendation**

Council is being asked to approve Change Order No. 15 to Contract No. 21-046 with Lincoln Construction in the amount of \$339,441.00 for roofing materials and to consider this item on the Consent Agenda of the June 27, 2022, Special Council Meeting.

**Attachment:** Lincoln Construction Change Order



# CITY OF TUKWILA CONTRACT CHANGE ORDER NO. 15

DATE: **6/13/2022**  
PROJECT NO.: **91630601**  
PROJECT NAME: PW Fleet & Facilities

BUDGET NO.: 306.98  
CONTRACT NO.: 21-046 (o)

TO:

You are hereby directed to make the herein described changes to the plans and specifications or do the following described work not included in the plans and specifications on this contract:

NOTE: This change order is not effective until approved by the "Owner" and a notice to proceed is issued.

Conditions:

- A. The following change, and work affected thereby, are subject to all contract stipulations and covenants;
- B. The rights of the "Owner" are not prejudiced;
- C. All claims against the "Owner" which are incidental to or as a consequence of this change are waived; and
- D. The Contractor must submit all Field Overhead and Home Office Overhead Rates for approval in advance of all change orders.

**CHANGE: See Attached Exhibit "A"**

We the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above and below.

ACCEPTED: Date \_\_\_\_\_ Contractor \_\_\_\_\_

By \_\_\_\_\_ Title \_\_\_\_\_

Original Contract (without tax)*	\$ <b>4,427,221.00</b>	APPROVED BY THE CITY OF TUKWILA
Previous Change Order	\$ <b>899,895.00</b>	Date _____
This Change Order (without tax)	\$ <b>339,441.00</b>	By _____
REV. CONTRACT AMOUNT	\$ <b>5,666,557.00</b>	Mayor

Public Works Director \_\_\_\_\_

SOJ Program Director \_\_\_\_\_

Original Contract Time: **242 days** (December 3, 2021)  
Additional Contract Time from previous Change Orders: 129 days  
Additional Contract Time for this Change Order: **0 days**  
Updated Contract Time: **371 days** (April 11, 2022)

ORIGINAL: City Clerk (1 of 2) cc: Finance Department (w/encumbrance)  
Contractor (2 of 2) Project Management File  
PW Project Finance File

\*The original contract value is construction only and does NOT include preconstruction or amendments to preconstruction.

**Exhibit "A"**

**CHANGE ORDER - SUMMARY OF CHANGE**



**CITY OF TUKWILA - Public Works (PW) Fleet & Facilities**

Project Name PW Fleet & Facilities CO # 015  
Project # 91630601 Contract # 21-046 (o)  
Date 6/13/22

TO CONTRACTOR: Lincoln Construction, Inc  
11803 101st Ave Ct E, Suite 201  
Puyallup, WA 98373

COP/CCD	#	Description	Reason Code	Amount
COP	118	<b>Roofing Materials for West and East Roofs.</b> The cost for roofing materials only, for complete re-roof per discussions and meetings for both East and West roof. Offloading by City of Tukwila, storage by City of Tukwila. Assumed storage in East shop. Please note there will be an assumed increase in material costs in the next 2 months anticipated between 8% and 15%.	OC	\$339,441.00
Change Order No. <b>015</b>				<b>\$339,441.00</b>

**DRAFT**

# CHANGE PROPOSAL REQUEST

**Lincoln Construction**

## Public Works Fleet and Facilities

To: City of Tukwila  
\_\_\_\_\_  
\_\_\_\_\_

COP NO: 118

CCD/PR No.: \_\_\_\_\_

Date: 6/13/2022

Project: \_\_\_\_\_

Attn.: Tukwila Public Works Fleet & Facilities Building

LCI Project No.: 1239

A. TOTAL MATERIAL/EQ BASE COST \$ -

B. TOTAL LABOR COST \$ -

SUBTOTAL \$ -

C. OVERHEAD AND PROFIT (13%) \$ -

SUBTOTAL \$ -

D. SUBCONTRACT COST \$ 310,900.00

E. OVERHEAD AND PROFIT ON  
SUBCONTRACT COST (6%) \$ 18,654.00

SUBTOTAL \$ 329,554.00

H. BOND (GC ONLY) \$ 9,886.62

SUBTOTAL \$ 9,886.62

TOTAL CHANGE PROPOSAL COST \$ 339,441

CONTRACT TIME ADJUSTMENT (DAYS) **TBD**

Lincoln Construction, Inc.

*Thomas Romberg*

U

CONTRACTOR

Tom Romberg

6/13/2022

DATE

**Lincoln Construction**

**Change Order Request**

To: City of Tukwila  
\_\_\_\_\_  
\_\_\_\_\_

Date: 6/13/2022  
COP #: 118

Owner COP/CCD/PR #: \_\_\_\_\_

Re: **Public Works Fleet and Facilities**

Please provide a change order for the following work:

Roofing materials only for complete re-roof per discussions and meetings for both East and West roof. Offloading by City of Tukwila, storage by City of Tukwila. Assume storage in East shop.  
Please note there will be an assumed increase in material costs in the next 2 months anticipated between 8% and 15%.

**DRAFT**

Total price per attached breakdown: \$ 339,441  
State and local sales tax: \_\_\_\_\_ include  not included  
Extension of time: TBD

\_\_\_\_\_  
\_\_\_\_\_  
We have proceeded with the work  
Work will not proceed without formal authorization

This price is good for 5 days from the above date, after which this request is subject to revision.

Sincerely,  
*Thomas Romberg - Project Manager*

\_\_\_\_\_

# Lincoln Construction

CHANGE ORDER REQUEST SUMMARY

**Public Works Fleet and Facilities**

COP: **118**

REV: **000**

DATE: **6/13/2022**

DESCRIPTION: Owner COP/CCD/PR #:

LABOR	HOURS		RATE		TOTAL
PROJECT MANAGER		X	95.00	= \$	-
SUPERINTENDENT		X	88.95	= \$	-
ASSISTANT SUPERINTENDENT		X	77.15	= \$	-
CARPENTER-Concrete Form and Pourback		X	75.85	= \$	-
LABORER		X	67.72	= \$	-
		X		= \$	-
		X		= \$	-
		X		= \$	-
SUBTOTAL				= \$	-
SMALL TOOL ALLOWANCE @			0.0%	= \$	-
SUBTOTAL				= \$	-
MARK-UP @			13.0%	= \$	-
<b>TOTAL LABOR</b>				= \$	-
<b>MATERIALS/EQUIPMENT</b>	PHASE CODE	UNITS		RATE	
			X	0.00	= \$ -
			X	0.00	= \$ -
			X	0.00	= \$ -
			X	0.00	= \$ -
SUBTOTAL				= \$	-
USE TAX ON MATERIALS AND EQUIPMENT				0.0%	= \$ -
MARK-UP @				13.0%	= \$ -
<b>TOTAL MATERIAL/EQUIPMENT</b>				= \$	-
<b>SUBCONTRACTS</b>	PHASE CODE	UNITS		RATE	
		1	X		= \$ -
		1	X		= \$ -
Wayne's Roofing		1	X	310,900.00	= \$ 310,900.00
		1	X		= \$ -
		1	X		= \$ -
			X		= \$ -
			X		= \$ -
			X		= \$ -
SUBTOTAL				= \$	310,900.00
MARK-UP @	Sub Direct Cost	0		6.0% Less Sub Fee	= \$ 18,654.00
<b>TOTAL SUBCONTRACTS</b>					= \$ <b>329,554.00</b>
<b>PROPOSAL SUBTOTAL</b>					= \$ <b>329,554.00</b>
BONDS/Liability/Builders Risk/B&O Tax				3.000%	= \$ 9,886.62
<b>PROPOSAL TOTAL</b>					= \$ <b>339,440.62</b>

DRAFT

# BREAKDOWN OF COST

WAYNE'S ROOFING, INC.  
PO Box 2287  
Sumner, WA 98390



JOB NAME **Tukwila Public Works Fleet & Facilities Building**

DATE **6/13/2022**

CR DESCRIPTION: **PVC Roof Materials**

JOB NO

PVC Roofing Materials

	QTY	UNIT	DESCRIPTION	ITEM COST	TOTAL	
MATERIALS	4,950.00	PC	EPS Flute Filler Insulation	\$5.85	\$28,957.50	
	421.00	SQ	1/2" HD Coverboard	\$94.50	\$39,784.50	
	23.00	PAIL	4" Fasteners	\$254.00	\$5,842.00	
	8.00	PAIL	9" Fasteners	\$254.00	\$2,032.00	
	44.00	BX	3" Insulation Plates	\$150.00	\$6,600.00	
	50.00	SQ	3.3" Polyiso Insulation	\$167.31	\$8,365.50	
	29.00	SQ	Q-Panel Tapered Panel Insulation	\$95.13	\$2,758.77	
	55.00	SQ	2" Polyiso Insulation	\$101.40	\$5,577.00	
	5.00	PAIL	SA-Prmer	\$216.95	\$1,084.75	
	8.00	RL	SA Vapor Barrier	\$299.69	\$2,397.52	
	50.00	RL	Duro-Fleece 60ml light gray 10'x100'	\$1,360.00	\$68,000.00	
	9.00	RL	Duro-Last 60ml Light gray -2'8"x100'	\$333.75	\$3,003.75	
	91.00	PAIL	WB II Adhesive	\$192.20	\$17,490.20	
	30.00	RL	12" Duro-Last Stripping	\$125.00	\$3,750.00	
	100.00	EA	Term Bar	\$7.00	\$700.00	
	1.00	PAIL	Term Bar Fasteners	\$179.00	\$179.00	
	3.00	PAIL	Membrane Plates	\$400.00	\$1,200.00	
	7.00	EA	Inside Corner	\$4.45	\$31.15	
	129.00	EA	Outside Corner	\$5.60	\$722.40	
	20.00	EA	Stack Flashing	\$11.25	\$225.00	
	10.00	BAG	T-Joints	\$8.99	\$89.90	
	32.00	SHEET	Vinyl Coated Metal 4'X10'	\$186.00	\$5,952.00	
	5.00	CASE	Caulking 30/Case	\$253.50	\$1,267.50	
	38.00	EA	Walkpads 30"x60"	\$24.35	\$925.30	
	19,800.00	LF	Vinyl Ribs - 24"oc	\$2.99	\$59,202.00	
	1.00	LS	Freight	\$3,600.00	\$3,600.00	
	LABOR		HR	PROJECT MANAGER	\$130.00	
			HR	ROOFER STANDARD LABOR RATE	\$82.72	
			HR	ROOFER OVERTIME LABOR RATE	\$114.04	
EQUIP		DAY	CREW CAB CREW TRUCK (PER DAY)	\$299.00		
		DAY	2 TON FLATBED/DUMP TRUCK (PER DAY)	\$696.00		
		DAY	23 TON BOOM TRUCK (PER DAY)	\$961.00		
		DAY	6K-8K REACH FORKLIFT (PER DAY)	\$667.00		
			OTHER RENTALS			
		EA	PARKING FEES			
			CONSUMABLES			
SUB		TN	DISPOSAL	\$200.00		
		LS				

COUNTY		TOTAL MATERIALS	\$269,737.74
KING		TOTAL LABOR	
WRI PM		TOTAL EQUIPMENT	
AARON LEONARD		<b>SUBTOTAL</b>	\$269,737.74
GC COP #		13.00 % OH / PROFIT	\$35,065.91
N/A		<b>TOTAL MATERIAL LABOR &amp; EQUIP.</b>	<b>\$304,804</b>
WRI CR #		TOTAL SUBCONTRACTOR	
001		10.00 % OH / PROFIT	
		<b>TOTAL SUBCONTRACTOR</b>	
		2.00 % INSURANCE	\$6,096.07
		% BONDING	
		<b>TOTAL PRICE</b>	<b>\$310,900</b>





525 Morely Drive  
 Saginaw, MI 48601  
 (989) 753-6486  
 (800) 248-0280  
 FAX (989) 753-4472  
 FAX (800) 432-9331

Today's Date: 6/10/2022 Project Number: 194976  
 Customer: WILL WILLIAMS Customer #: 990300  
 Job Name: TUKWILA FLEET FACILITIES  
 Address: TBD  
 City: TUKWILA State: WA Zip: 00000  
 Ship to: TBD TUKWILA, WA Phone: 0  
 Contact: WILL WILLIAMS Email: 0  
 Taken By: NINA WENDLAND

Part #	MFR	Description	Qty	Unit	Price/Unit	Extended
	INSULFOAM	1# EPS BEVEL CUT 1.5" X 12"/9.5" X 96"	4950	PC	\$5.85	\$28,957.50
<p><b>DRY VAN</b></p> <p><b>PRICING VALID 30 DAYS FROM DATE ON QUOTE</b></p> <p><b>PRICING VALID ONLY IF SHIPPED BEFORE EXPIRATION DATE</b></p> <p><b>MUST VERIFY PIECE COUNTS BEFORE ORDERING</b></p> <p>Fuel Surcharge INCLUDED</p> <p>Taxes Not Included Terms 2% 10 Net 30</p>						
<b>PRICED SUSD - TOTAL:</b>						<b>\$28,957.50</b>

\*4x4 Pallet uses one spot - 4x8 Pallet uses two spots

Misc Notes:

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If you have any further questions, please call NINA WENDLAND at (800) 248-0280 - Ext: 2234





525 Morely Drive  
 Saginaw, MI 48601  
 (989) 753-6486  
 (800) 248-0280  
 FAX (989) 753-4472  
 FAX (800) 432-9331

Today's Date: 6/10/2022 Project Number: 194976 Expiration Date: 7/10/2022  
 Customer: WILL WILLIAMS Customer #: 990300  
 Job Name: TUKWILA FLEET FACILITIES  
 Address: TBD  
 City: TUKWILA State: WA Zip: 00000  
 Ship to: TBD TUKWILA, WA Phone: 0  
 Contact: WILL WILLIAMS Email: 0  
 Taken By: NINA WENDLAND

Part #	MFR	Description	Qty	Unit	Price/Unit	Extended
37399	HD PL CB3 001	0.5-inch DG HD ISO 100 PSI 4x8	403.2	Squares	\$94.50	\$38,102.40
<p><b>*ESTIMATED LEAD TIME: 9-12 MONTHS*</b></p> <p><b>PRICING VALID ONLY IF SHIPPED BEFORE EXPIRATION DATE</b></p> <p><b>FUEL SURCHARGE SUBJECT TO CHANGE BASED AT TIME OF ORDER</b></p>						
		Full Truck Freight	0	Trucks	\$0.00	
		Partial Truck Freight -(30 Spots)	1	Truck	\$380.00	\$380.00
		Taxes Not Included				
		Terms 2% 10 Net 30				
<b>PRICED SUSD - TOTAL:</b>						<b>\$38,482.40</b>

\*4x4 Pallet uses one spot - 4x8 Pallet uses two spots

Misc Notes:

If you have any further questions, please call NINA WENDLAND at (800) 248-0280 - E 2234



## DURO-LAST® STANDARD MEMBRANE

Please reference page 2 for temporary product lead time updates.

Description	Mil	White	Tan/Gray/Dark Gray/ Terra Cotta*
Roll Goods**	40	0.98/sq ft	1.00/ sq ft
60" Tabs/120" Tabs	40	1.03/sq ft	1.04/sq ft
28" Tab/Parapets	40	1.10/sq ft	1.12/ sq ft
Roll Goods**	50	1.11/sq ft	1.12/sq ft
60" Tabs/120" Tabs	50	1.15/sq ft	1.17/sq ft
28" Tabs/Parapets	50	1.22/sq ft	1.24/sq ft
Roll Goods**	60	1.23/sq ft	1.25/sq ft
60" Tabs/120" Tabs	60	1.28/sq ft	1.30/sq ft
28" Tabs/Parapets	60	1.35/sq ft	1.38/sq ft
6" Round Patch (50 ct.)		10.00/bag	10.00/bag

\* Terra Cotta available in 50-Mil only.

\*\* Roll Goods: Material that is 5'4" or less in width without custom fabrication.

### TERRA COTTA AVAILABLE IN THE FOLLOWING ACCESSORIES:

Description	Price Each
Two-Way Roof Vent	26.99
Plenum Vent	85.99
6" x 6" Inside Corner	6.25
6" x 6" Outside Corner	7.45
6" x 18" Inside Corner	8.60
6" x 18" Outside Corner	10.80
18" x 12" Outside Corner	12.45
6" x 6" Outside Butterfly	9.25
1" Stack	11.95
1½" – 8" Stack	13.85
9" – 11" Stack	17.65
12" – 15" Stack	20.80
2" – 8" Drain	18.99

### SPECIAL DECK SHEET CHARGES

A \$.07/sq. ft. upcharge will be applied in the following situations:

- Tab spacing is not 28", 60" or 120" tabs
  - 10"-27" (28" pricing + \$.07)
  - 29"-59" tabs (60" pricing + \$.07)
  - 61"-119" tabs (120" pricing + \$.07)
- More than two reverses or last laps, where laps are less than 60".
- The fastening tab length is greater than 3".
- Non-rectangular sheets
  - 10"-28" tabs (28" pricing + \$.07)
  - 29"-120" tabs (60" pricing + \$.07)

\*Only one \$.07/sq. ft. charge applied per deck sheet.

Maximum Sheet Sizes for 5' Tabs	
40-mil	2,500 sq. ft.
50-mil	2,000 sq. ft.
60-mil	1,500 sq. ft.

Maximum Sheet Sizes for 10' Tabs	
40-mil	3,000 sq. ft.
50-mil	2,500 sq. ft.
60-mil	2,000 sq. ft.

## DURO-LAST STANDARD ROLL GOOD SIZES

COLOR	MIL	SIZE	SQ FT	WEIGHT	ROLL PRICE
White	40	5'4" x 150'	800	200	784.00
White	40	5'4" x 100'	534	115	523.32
White	40	5'4" x 50'	267	68	261.66
White	40	2'8" x 100'	267	68	261.66
White	40	8" x 100'	67	17	65.66
White	40	12" x 100'	100	25	98.00
Tan	40	5'4" x 100'	534	115	534.00
Tan	40	2'8" x 100'	267	68	267.00
Tan	40	12" x 100'	100	25	100.00
Gray	40	5'4" x 100'	534	115	534.00
Gray	40	2'8" x 100'	267	68	267.00
Gray	40	12" x 100'	100	25	100.00
Dark Gray	40	5'4" x 100'	534	115	534.00
Dark Gray	40	2'8" x 100'	267	68	267.00
Dark Gray	40	12" x 100'	100	25	100.00

COLOR	MIL	SIZE	SQ FT	WEIGHT	ROLL PRICE
White	50	5'4" x 100'	534	172	592.74
White	50	5'4" x 50'	267	85	296.37
White	50	2'8" x 100'	267	85	296.37
White	50	8" x 100'	67	22	74.37
White	50	12" x 100'	100	33	111.00
Tan	50	5'4" x 100'	534	172	598.08
Tan	50	2'8" x 100'	267	85	299.04
Tan	50	12" x 100'	100	33	112.00
Gray	50	5'4" x 100'	534	172	598.08
Gray	50	2'8" x 100'	267	85	299.04
Gray	50	12" x 100'	100	33	112.00
Dark Gray	50	5'4" x 100'	534	172	598.08
Dark Gray	50	2'8" x 100'	267	85	299.04
Dark Gray	50	12" x 100'	100	33	112.00
Terra Cotta	50	5'4" x 100'	534	172	598.08
Terra Cotta	50	2'8" x 100'	267	85	299.04
Terra Cotta	50	12" x 100'	100	33	112.00

COLOR	MIL	SIZE	SQ FT	WEIGHT	ROLL PRICE
White	60	5'4" x 100'	534	208	656.82
White	60	5'4" x 50'	267	104	328.41
White	60	2'8" x 100'	267	104	328.41
White	60	8" x 100'	67	26	82.41
White	60	12" x 100'	100	40	123.00
Tan	60	5'4" x 100'	534	208	667.50
Tan	60	2'8" x 100'	267	104	333.75
Tan	60	12" x 100'	100	40	125.00
Gray	60	5'4" x 100'	534	208	667.50
Gray	60	2'8" x 100'	267	104	333.75
Gray	60	12" x 100'	100	40	125.00
Dark Gray	60	5'4" x 100'	534	208	667.50
Dark Gray	60	2'8" x 100'	267	104	333.75
Dark Gray	60	12" x 100'	100	40	125.00

NOTE: Not stocked—Call for lead time.

## DURO-FLEECE® COLOR 60-MIL

Please reference page 2 for temporary product lead time updates.

Color	Roll Size	Item #	Sq. Ft. Price	Price/Roll
Light Gray	5' x 100'	662050	1.36	680.00
	10' x 100'	662051	1.36	1,360.00
Charcoal	5' x 100'	662052	1.36	680.00
	10' x 100'	662053	1.36	1,360.00
Patina	5' x 100'	662054	1.36	680.00
	10' x 100'	662055	1.36	1,360.00
Light Tan	5' x 100'	662056	1.36	680.00
	10' x 100'	662057	1.36	1,360.00
Blue	5' x 100'	662062	1.36	680.00
	10' x 100'	662063	1.36	1,360.00
Green	5' x 100'	662058	1.45	725.00
	10' x 100'	662059	1.45	1,450.00
Copper	5' x 100'	662060	1.45	725.00
	10' x 100'	662061	1.45	1,450.00

### NOTES:

- Minimum order quantity is 10,000 sq. ft.
- All shipments ship from Michigan facility.

## DURO-FLEECE® COLOR 80-MIL

Please reference page 2 for temporary product lead time updates.

Color	Roll Size	Item #	Sq. Ft. Price	Price/Roll
Light Gray	5' x 65'	662070	1.50	487.50
	10' x 65'	662071	1.50	975.00
Charcoal	5' x 65'	662072	1.50	487.50
	10' x 65'	662073	1.50	975.00
Patina	5' x 65'	662074	1.50	487.50
	10' x 65'	662075	1.50	975.00
Light Tan	5' x 65'	662076	1.50	487.50
	10' x 65'	662077	1.50	975.00
Blue	5' x 65'	662068	1.50	487.50
	10' x 65'	662069	1.50	975.00
Green	5' x 65'	662078	1.60	520.00
	10' x 65'	662079	1.60	1,040.00
Copper	5' x 65'	662066	1.60	520.00
	10' x 65'	662067	1.60	1,040.00

### NOTES:

- Minimum order quantity is 10,000 sq. ft.
- All shipments ship from Michigan facility.

## DURO-TUFF AND DURO-FLEECE COLOR MEMBRANE ACCESSORIES

Product Description	Price
Two-Way Vent (customer chooses vent color)	20.99
Plenum Vent (customer chooses vent color)	86.49
6" x 6" Inside Corner	4.45
6" x 6" Outside Corner	5.60
6" x 18" Inside Corner	6.15
6" x 18" Outside Corner	6.95
18" x 12" Outside Corner	10.65
6" x 6" Outside Butterfly Corner	7.35
1" Stack	10.05
1½"-8" Stack	11.95
9"-11" Stack	15.05
12"-15" Stack	18.25
2"-8" Drain	15.99
T-Patch 4"-6" Bag (50 ct.)	8.99

NOTE: Item numbers vary based on color selection of the membrane.

## DURO-LAST® EV ROLL GOODS WHITE

Please reference page 2 for temporary product lead time updates.

Roll Size	Mil	Item #	Sq. Ft. Price	Price / Roll
10" x 100' Stripping	50	661471	1.13	94.92
2' 6" x 100'	50	661470	1.13	282.50
5' x 100'	50	661460	1.13	565.00
10' x 100'	50	661461	1.13	1,130.00
10" x 100' Stripping	60	661481	1.25	105.00
2' 6" x 100'	60	661480	1.25	312.50
5' x 100'	60	661462	1.25	625.00
10' x 100'	60	661463	1.25	1,250.00
T-Patch 4"-6" Bag (50 ct.)		8067EV		5.99

### NOTES:

- Accessories are produced with Duro-Last EV 50-Mil White Membrane.
- Pricing is equal to Duro-Last standard membrane accessory pricing.

## DURO-LAST ACCESSORIES

### STACK FLASHINGS (Add .50 for gray, tan or dark gray)

Size	Item # Closed	Item # Open	Price Each
1"	1315	n/a	8.80
1½"	1315H	2315H	10.75
2"	1316	2316	10.75
3"	1317	2317	10.75
4"	1318	2318	10.75
5"	1319	2319	10.75
6"	1320	2320	10.75
7"	1321	2321	10.75
8"	1322	2322	10.75
9"	1323	2323	13.20
10"	1324	2324	13.20
11"	1325	2325	13.20
12"	1326	2326	16.40
13"	1327	2327	16.40
14"	1328	2328	16.40
15"	1329	2329	16.40
16"	n/a	Open Only	39.65
18"	n/a	Open Only	40.26
20"	n/a	Open Only	40.87
22"	n/a	Open Only	41.47
24"	n/a	Open Only	42.08

### NOTES:

- Over 24", call Sales Department for pricing.
- Manufactured using outside diameter measurements.

## PANDUIT BANDS

Description	Item #	Price Each
Panduit Tool	1221	221.49
¾" x 14" S.S. Bands (50/bag)	1222	37.99
¾" x 20" S.S. Bands (50/bag)	1222P	56.49

## DURO-LAST MEMBRANE CUSTOM MADE SCUPPERS ESTIMATING CHART

B \ A	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
4	50.15	51.23	52.31	53.39	54.47	55.55	56.63	57.71	58.79	59.87	60.95	62.03	63.11	64.19	65.27
6		52.31	53.39	54.47	55.55	56.63	57.71	58.79	59.87	60.95	62.03	63.11	64.19	65.27	66.35
8			54.47	55.55	56.63	57.71	58.79	59.87	60.95	62.03	63.11	64.19	65.27	66.35	67.43
10				56.63	57.71	58.79	59.87	60.95	62.03	63.11	64.19	65.27	66.35	67.43	68.52
12					58.79	59.87	60.95	62.03	63.11	64.19	65.27	66.35	67.43	68.52	69.60
14						60.95	62.03	63.11	64.19	65.27	66.35	67.43	68.52	69.60	70.68
16							63.11	64.19	65.27	66.35	67.43	68.52	69.60	70.68	71.76
18								65.27	66.35	67.43	68.52	69.60	70.68	71.76	72.84
20									67.43	68.52	69.60	70.68	71.76	72.84	73.92
22										69.60	70.68	71.76	72.84	73.92	75.00
24											71.76	72.84	73.92	75.00	76.08
26												73.92	75.00	76.08	77.16
28													76.08	77.16	78.24
30														78.24	79.32
32															80.40

The above prices are good for scuppers with distance through the wall "C" equal to 18 inches or less.

### FASTENERS

#### #14 SCREWS P-3 Head

Description	Spade Point Item #	Drill Point Item #	Quantity/Pail	Price Each
1½"	1442-2	1361-2	2,000/pail	178.00
2"	1446-2	1362-2	2,000/pail	208.00
2½"	1456	1363	1,000/pail	135.00
3"	1447	1364	1,000/pail	149.00
3½"	1457	1365	1,000/pail	165.00
4"	1448	1366	1,000/pail	196.00
4½"	1458	1367	1,000/pail	254.00
5"	1449	1368	1,000/pail	269.00
5½"	1459	1369	1,000/pail	329.00
6"	1450	1370	1,000/pail	344.00
7"	1451	1371	500/pail	216.00
8"	1452	1372	500/pail	238.00
9"	1253	1373	500/pail	329.00
10"	1254	1374	500/pail	381.00
11"	1255	1375	500/pail	425.00
12"	1256	1376	500/pail	463.00

**NOTES:**

- Spade Point.
- Drill Point P-3 Head: Steel Decks (18 to 24 Gauge).

#### #15 SCREWS

Wood or Steel Decks

Description	Item #	Quantity/Pail	Price Each
2"	1378	1,000/pail	179.00
3"	1379	1,000/pail	224.00
4"	1380	1,000/pail	254.00
5"	1381	1,000/pail	329.00
6"	1382	500/pail	210.00
7"	1383	500/pail	291.00
8"	1384	500/pail	322.00
9"	1385	250/pail	254.00
10"	1386	250/pail	272.00
11"	1387	250/pail	280.00
12"	1388	250/pail	347.00
14"	1257	250/pail	381.00
16"	1258	250/pail	422.00
18"	1259	250/pail	542.00
20"	1260	250/pail	657.00

#### FASTENERS FOR EDGE DETAILS

Description	Item #	Quantity/Pail	Price Each
1¼" Hexhead #14	1444-2	2,000/pail	208.00
¼" x 1½" ZAMAC Metal Anchor	12411	1,000/pail	224.00

#### VERSA-FASTENERS

For additional sizes call for availability.

Description	Item #	Quantity/Pail	Price Each
2¼"	20001	1,000/pail	149.00
3¼"	20002	1,000/pail	196.00
4¼"	20003	1,000/pail	238.00
VersaFast Plates	20040	1,000/pail	177.00

### DRILL BITS

Description	Item #	Price Each
7/32" x 6" Straight	1631	5.25
7/32" x 11" SDS	1644	18.05
7/32" x 16" SDS	1645	26.45
3/16" x 3" Straight	1632	3.35
3/16" x 6" Straight	1633	4.55
3/16" x 6 1/2" SDS	1629	6.95
3/16" x 8 1/2" SDS	1635	10.00
3/16" x 10" SDS	1630	13.95
3/16" x 12" Straight	1804	19.15
3/16" x 12" SDS	1640	17.40
1/4" x 4" Straight	1266	3.70
1/4" x 4" SDS	1268	6.65
1/4" x 6" SDS	1643	6.95

#### DRILL BIT INFORMATION

- All drill bits are listed by size and total length.
- Deduct approx. 2" for insertion of bit into tool.
- 3/16"- For concrete decks.
- 1/4"- for anchors going into concrete.
- 7/32"- bigger easier to use when concrete is dense.
- Straight bit vs. SDS (spline drive shaft) - based on drill.
- Straight- More likely to spin.
- SDS- Only for specific drills.
- Usable length is 2" shorter than drill bit size.
- Drill bit is 1/2"-1" longer than fastener.
- Order drill bit 3" longer than fastener.

### PURLIN FASTENERS

Drop-Ship Only

Description	Item #	Quantity/Pail	Price Each
1 3/8"	1488	2,500/pail	370.00
2 3/4"	1489	1,000/pail	224.00
3 3/4"	1490	1,000/pail	329.00
4 3/4"	1491	1,000/pail	344.00
5 3/4"	1492	1,000/pail	359.00
6 3/4"	1493	1,000/pail	568.00
7 3/4"	1494	500/pail	308.00
8 3/4"	1494-001	500/pail	366.00

### PLATES

Description	Item #	Quantity/Box	Price Each
2" Round Poly Plates	1305P	1,000/box	250.00
3" Square Steel Plates	1300S	500/box	150.00
3" Plastic Insulation Plates	1305I	1,000/box	200.00
Metal Cleat Plates	1304	1,000/box	400.00
RhinoBond Induction Plate	1302	500/box	450.00
DL 3" Induction Insulation Disc	18654	100/bag	10.50
RhinoBond Insulation Disk	1339	250/box	47.00
TruFast Induction Plate	1865	500/box	400.00
1 1/2 x 2 3/4 Oval Metal Plate	1310	500/box	175.00
AccuSeam® Plates 2-3/8"	1867	1,000/box	400.00
AccuTrac® Plates 3"	1866	1,000/box	400.00

### SNOW DIVERTERS

(Add .50 for gray, tan or dark gray)

Description	Item #	Price Each
White w/ White Skirt	1240	44.60
Tan w/ Tan Skirt	1240B	45.55
Tan w/ Terra Cotta Skirt	1240TC	49.15
Gray w/ Gray Skirt	1240G	45.55
Dark Gray w/ Dark Gray Skirt	1240GDX	45.55

### CONDUIT/ESCUTCHEON WASHERS

(White, tan and gray)

Description	Item #	Price Each
1/2"	1338	3.00
3/4"	1337	3.00
1"	1336	3.00

### ROOF TRAK® III WALKWAY PADS

Description	Item #	Price Each
30" X 60" White	1080	24.35
60" X 60" White	1082	43.95
30" X 60" Tan	1081	24.35
60" X 60" Tan	1083	43.95
30" X 60" Gray	11107	24.35
60" X 60" Gray	11108	43.95
30" X 60" Safety	1086	24.90
60" X 60" Safety	1087	45.70

NOTE: The above walkway pads come with a 4" white skirt on two sides with the 60" dimension.

Description	Item #	Price Each
30" X 60" Safety Skirt 4 Sides	1355	33.85
30" X 60" White Skirt 4 Sides	1356	33.85

## TERMINATION DETAILS

### VINYL TERMINATION BAR

(10' lengths)

Description	Item #	Price/Ft
White	1225	0.60
Tan	1225B	0.70
Gray	1225G	0.70

### ALUMINUM TERMINATION BAR

(10' lengths)

Description	Item #	Price/Ft
Aluminum Term Bar TB-50	1962	0.70
Aluminum Term Bar TB-75	1963	0.85

### VINYL FASCIA BAR & VINYL COVERS

(10' lengths)

Description	Item #	Price/Ft
1 3/4" Fascia Bar	1568	1.49
1 3/4" White Vinyl Cover	1569	0.99
1 3/4" Tan Vinyl Cover	1569B	0.99
1 3/4" Gray Vinyl Cover	1574	0.99
1 3/4" Additional White Joint Clips	1570	0.99
1 3/4" Additional Tan Joint Clips	1570B	0.99
1 3/4" Additional Gray Joint Clips	1575	0.99
4" Fascia Bar	1571	2.49
4" White Vinyl Cover	1572	2.49
4" Tan Vinyl Cover	1572B	2.99
4" Gray Vinyl Cover	1578	2.99
4" Additional White Joint Clips	1573	2.49
4" Additional Tan Joint Clips	1573B	2.49
4" Additional Gray Joint Clips	1579	2.49

#### NOTES:

- Fascia Bar metal covers are located in the Exceptional® Metals price list.
- One clip per 10' of cover is included with cover.

### VINYL DRIP EDGE

(10' lengths with 6" skirt)

Description	Item #	Price/Ft
2" Face White/White Skirt	1220	3.60
2" Face Tan/Tan Skirt	1220B	4.25
2" Face Gray/Gray Skirt	1220G	4.25
2" Additional Clip White	1228	1.80
2" Additional Clip Tan	1228B	1.80
2" Additional Clip Gray	1228G	1.80
4" Face White/White Skirt	1583	4.25
4" Face Tan/Tan Skirt	1583B	4.80
4" Face Gray/Gray Skirt	1583G	4.80
4" Additional Clip White	1584	1.80
4" Additional Clip Tan	1584B	1.80
4" Additional Clip Gray	1584G	1.80

#### NOTES:

- One clip per 10' of drip edge is included.
- Edging and skirt colors are interchangeable, but are not a stock item.

## VINYL DRIP EDGE OUTSIDE CORNERS

Description	Item #	Price/Ft
2" Face White w/ White Skirt	1558	10.25
2" Face Tan w/ Tan Skirt	1558B	12.60
2" Face Gray w/ Gray Skirt	1558G	12.60
4" Face White w/ White Skirt	1585	12.60
4" Face Tan W/ Tan Skirt	1585B	15.00
4" Face Gray W/ Gray Skirt	1585G	15.00

#### NOTES:

- Edging and skirt colors are interchangeable, but are not a stock item.

### VINYL GRAVEL STOP

(10' lengths with 6" skirt)

Description	Item #	Price/Ft
2" Face White/White Skirt	1226	3.70
2" Face Tan/Tan Skirt	1226B	4.35
2" Face Gray/Gray Skirt	1226G	4.35
2" Additional Clip White	1613	1.25
2" Additional Clip Tan	1613B	1.80
2" Additional Clip Gray	1613G	1.80
4" Face White/White Skirt	1587	4.35
4" Face Tan/Tan Skirt	1587B	4.95
4" Face Gray/Gray Skirt	1587G	4.95
4" Additional Clip White	1588	1.80
4" Additional Clip Tan	1588B	1.80
4" Additional Clip Gray	1588G	1.80

#### NOTES:

- Edging and skirt colors are interchangeable, but are not a stock item.
- One clip per 10' of gravel stop is included.
- Metal gravel stop covers are located in the Exceptional Metals price list.

### VINYL GRAVEL STOP OUTSIDE CORNERS

Description	Item #	Price/Ft
2" Face White w/ White Skirt	1614	10.50
2" Face Tan w/ Tan Skirt	1614B	12.95
2" Face Gray w/ Gray Skirt	1614G	12.95
4" Face White w/ White Skirt	1589	12.40
4" Face Tan W/ Tan Skirt	1589B	14.80
4" Face Gray W/ Gray Skirt	1589G	14.80

#### NOTES:

- Edging and skirt colors are interchangeable, but are not a stock item.
- Metal gravel stop covers are located in the Exceptional Metals price list.

## CAULK AND ADHESIVES

### CAULK

Description	Item #	Quantity/Case	Price/Each
Duro-Caulk® Plus White	1136	30/case or single	8.45
Duro-Caulk® Plus Tan	1137	30/case or single	8.45
Duro-Caulk® Plus Gray	1134	30/case or single	8.45
Duro-Caulk® Plus Bronze	1135	30/case or single	8.45
Duro-Caulk Advanced White	11480	30/case or single	8.45

**NOTE:** Duro-Caulk Plus is a silicone-based sealant, while Duro-Caulk Advanced is a polyether-based sealant allowing it to be painted.

### SEALANTS

Description	Item #	Quantity	Price/Each
Pitch Pan Filler	1122	30/case or single	8.80
Sure Bond 240 Mastic	1123	5G Pail	225.80
Duro-Mastic® Strip Mastic	1129	350' mastic	123.90
Tab Sealer 4725 (5G Pail)	1119T	5G Pail	167.40

### NON-FLEECE MEMBRANE ADHESIVES

Description	Item #	Quantity	Price/Each
Water Base Adhesive	1111	5G	192.20
Duro-Last Solvent-Grip Spray Adhesive	11020	40 lb Canister (400 sq. ft. <sup>2</sup> )	275.65
Duro-Last Solvent-Grip Cleaner	11021	15 lb. Canister	128.45
Duro-Last Solvent-Grip Gun and Wand (Re-Usable)	11023	Each	208.49
Duro-Last Solvent-Grip 12' Hose	11025	Each	51.99
Duro-Last Solvent-Grip 18' Hose	11024	Each	65.99
Duro-Last Solvent-Grip Replacement Spray Tip	11027	Each	18.49
Solvent Base IV Adhesive	1112-010	5G	222.55

**NOTE:** Coverage rates for all adhesives are available on [www.duro-last.com](http://www.duro-last.com).

### LOW RISE INSULATION ONLY ADHESIVES

Drop-Ship Only

Description	Item #	Quantity	Price/Each
Duro-Grip® CR-20 HFO	11055	Set	953.55
Duro-Grip® CR-20 HFO 17G Refillable Tank	11057	Set, Plus Deposit	2,489.90
Duro-Grip® CR-20 HFO 17G Refillable Tank Kit	11058	Set, Plus Deposit	2,537.05
TRUFast Roof Adhesive Cartridge	11036	4/case	143.20
OMG OlyBond 500® Insulation Adhesive Bag-in-Box	1108	10G Set	743.35
OMG OlyBond 500® Insulation Adhesive 15G Drums (includes 25' hose, 3 extension tubes, 6 tips and gun assembly)	1108-056	15G Drums	1,358.40
OMG OlyBond 500® SpotShot Insulation Adhesive	1104	4/case	320.55
OMG OlyBond 500® SpotShot Insulation Adhesive Winter	1104W	4/case	320.55
Millennium One Step	1105	4/case	223.20
Millennium PG-1 Pump Set	1130		707.40
Millennium PG-1 Pump Grade	1130-15	15G	1,626.60
InstaStik	1117-001		345.95
InstaStik Wand Kit	1117-002		52.70

## DURO-FLEECE MEMBRANE ADHESIVES

Drop-Ship Only

Description	Item #	Quantity	Price/Each
Water Base Adhesive*	1111	5G	192.20
<b>Adhesives Below Approved for Both Membrane and Insulation Attachment</b>			
Duro-Grip® CR-20 HFO	11055	Set	953.55
Duro-Grip® CR-20 HFO 17G Refillable Tank	11057	Set Plus Deposit Below	2,489.90
Duro-Grip® CR-20 HFO 17G Refillable Tank Kit	11058	Set Plus Deposit Below	2,537.05
Duro-Grip® CR-20 HFO 17G Refillable Tank Deposit	11048	Deposit per each set	300.00
TRUFast Roofing Adhesive Tanks (Part A & Part B) Hose & Gun Included	11049	Set	805.35
TRUFast Roofing Adhesive 15G Tanks (Part A & Part B) Cart Dispensed	11054	Set	1,079.40
OMG OlyBond 500® Fleece Adhesive Cartridge	1106	4/case	306.25
OMG OlyBond 500® Fleece Adhesive Bag-in-Box Set	1107	10G Set	745.25

### NOTES:

- \*In stock, not a drop-ship item.

## ADHESIVE ACCESSORIES

Drop-Ship Only

Description	Item #	Price/Each
Duro-Grip Hose Kit	1109-001	170.50
Duro-Grip Nozzles (10/bag)	1109-002	49.60
Duro-Grip CR-20 Colorwise Fan Tip Nozzle 8/bag	11050	28.50
Duro-Grip CR-20 Colorwise Fan Tip Nozzle 25/bag	11051	57.65
Duro-Grip CR-20 17G Refillable Tank Gun & 100' Hose Applicator	11039	225.65
Duro-Grip CR-20 17G Refillable Tank Regulator Assembly w/ Hoses	11040	788.65
Duro-Grip CR-20 17G Refillable Tank Calibration Nozzles 6/Pack	11044	27.25
Duro-Grip CR-20 17G Refillable Tank Calibration Nozzles 25/Pack	11045	67.50
Duro-Grip CR-20 17G Refillable Tank Colorwise Mixing Nozzles 10/Pack	11041	49.60
Duro-Grip CR-20 17G Refillable Tank Colorwise Mixing Nozzles 25/Pack	11042	104.75
Duro-Grip CR-20 17G Refillable Tank Small Gram Scale	11047	125.85
Duro-Grip CR-20 17G Refillable Tank PSI "PolySolv" Aerosol Cleaner	11046	345.95
Duro-Grip CR-20 17G Refillable Tank Cart Transporter	11048-001	2,694.99
TRUFast Roofing Adhesive Hose and Gun	11052	170.50
TRUFast Roofing Adhesive Mixing Tip Pack	11053	29.75
OMG Pace Cart 3	1099-003	10,453.49
OMG Hand Applicator	1096	208.49
OMG Stand-Up Applicator	1097	433.99
OMG Power Applicator	1098	1,180.99
<b>Powerblanket Bucket Heaters 5 GL</b>	<b>12033</b>	<b>345.50</b>
<b>Powerblanket 17G Foam Cylinder Warmer</b>	<b>12034</b>	<b>560.50</b>
<b>Powerblanket Hot Box 48" x 48" x 48"</b>	<b>12035</b>	<b>2,703.00</b>
<b>Powerblanket Tote Heaters 48"x48"x48"</b>	<b>12036</b>	<b>1,594.50</b>
<b>Powerblanket Tote Heaters 48"x40"x53"</b>	<b>12037</b>	<b>1,789.00</b>
<b>Powerblanket 40 lb Cylinder Warmer</b>	<b>12038</b>	<b>613.60</b>



## UNDERLAYMENTS AND VAPOR BARRIERS

### UNDERLAYMENT

Description	Item #	Roll Size	Price/Each
Duro-Weave Slip-Sheet CLR	1292-155	10' x 360'	222.10
Duro-Blue® Slip-Sheet	1292-050	20' x 100'	104.40
Duro-Blue Slip-Sheet	1292-100	20' x 360'	349.45
Atlas FR-10 Slip-Sheet	1290	48" x 250'	236.80
GAF Solo Fire-Retardant Slip-Sheet	1290002	6' x 166.67'	436.85
Geotextile	1298	15' x 360'	519.75
Ballast Mat	1293	12' x 100'	223.35
Drainage Mat	1533	4' x 100'	508.99

### DURO-GUARD® XPS & EPS

Description	Item #	Sheet Size	Price/Each
Duro-Guard XPS Crush Fold	1295	48" x 50' x 3/8"	52.49
Duro-Guard EPS Fan Fold	38142	48" x 50' x 1/2"	70.49

### DURO-LAST VAPOR BARRIER PRODUCTS

Description	Item #	Size	Price/Each
Duro-Last Vapor Barrier	1344	45" x 133'	299.60
Sopramastic	1346	10.5 oz cartridge 20/case	10.80
Duro-Last VB Primer	1345	5G Pail	216.95
Duro-Last Torch-Down Vapor Barrier	1347	39.4" x 49.2'	93.60
Duro-Last TDVB Primer	1348	5G Pail	137.30

### DURO-LIGHT™ SKYLIGHT SERIES

Delivered direct to you from the manufacturer. Manufacturing lead times and ship dates are subject to the skylight manufacturer.

Manufacturing lead times and ship dates are subject to the skylight manufacturer.

For pricing and availability email [iestimating@duro-last.com](mailto:iestimating@duro-last.com) or contact the Insulation Team at 1-800-248-0280.

### HATCHES

Drop-Ship Only; Contact the Insulation Team for pricing.

Description	Item #	Size	Price/Each
Bilco Hatch S-20 (Steel) S Series	701800	3' x 2'6"	call for price
Bilco Hatch S-50 (Aluminum) S Series	701801	3' x 2'6"	call for price
Bilco Hatch S-50TB	701803	3' x 2'6"	call for price

## DURO-GUARD INSULATION

### ISO

Duro-Guard ISO II—limited stock in Duro-Last plants

Duro-Guard ISO III CG

Duro-Guard ISO HD

Duro-Guard ISO HD Composite

Duro-Guard ISO Flat – HP

Duro-Guard ISO NB

Duro-Guard ISO Foil

### EPS

Duro-Guard EPS Type I

Duro-Guard EPS Type II

Duro-Guard EPS Type VIII

Duro-Guard EPS Type IX

Duro-Guard EPS Fan Fold

Duro-Guard EPS Fiberglass Facer

Duro-Guard EPS Nail Base

Duro-Guard HD ISO + EPS

Duro-Guard EPS Type I, II, and VIII Flute Filler

Duro-Guard EPS Flute Fill Combo

### DensDeck®

DensDeck® Roof Board

DensDeck® Prime Roof Board

### SECUROCK®

Gypsum-Fiber Roof Board

Glass Mat Roof Board

### DEXcell®

DEXcell® Glass Mat

DEXcell® FA Glass Mat

DEXcell® Cement Roof Board

### Everboard

Everboard Paper-Face

Everboard Fiberglass

### NOTES:

- To Quote or Order Insulation, please contact the Insulation Team at 1.800.248.0280.
- For complete technical information, product data sheets, code compliances and approvals visit [www.duro-last.com/insulation](http://www.duro-last.com/insulation).
- Delivered direct to you from the manufacturer.
- All orders will be rounded up to a full pallet.

## ADDITIONAL ROOF COMPONENTS

### VINYL RIB SYSTEM

Drop-Ship item with a 12 week lead time  
Minimum order quantity-2,000

Description	Item #	Price/Lineal Ft	Price/Lineal Ft	Price/Lineal Ft
		<b>2,000-4,999</b>	<b>5,000-19,999</b>	<b>20,000 +</b>
Duro-Last White	1895	4.64	2.99	2.07
Duro-Last Gray	1896	4.64	2.99	2.07
Duro-Last Tan	1897	4.64	2.99	2.07
Duro-Last Dark Gray	1899	4.64	2.99	2.07
Duro-Last Terra Cotta	1894	4.64	2.99	2.07
DT Light Tan	1887	4.64	2.99	2.07
DT Patina	1889	4.64	2.99	2.07
DT Green	1890	4.64	2.99	2.07
DT Blue	1891	4.64	2.99	2.07
DT Light Gray	1892	4.64	2.99	2.07
DT Charcoal	1893	4.64	2.99	2.07

### KNUCKLEHEAD PIPE STANDS

Description	Item #	Price/Each
KnuckleHead Roof Protection Pad	21368	6.99
KnuckleHead Lite Pipe Support w/ Cap	21369	12.99
KnuckleHead Heavy Pipe Support w/ Strap	21370	14.99
KnuckleHead Strut Support	21371	11.49
KnuckleHead Base 9" Extension Assembly	21372	16.49
KnuckleHead Base 18" Extension Assembly	21373	21.49

### DURO-LAST PROTERM™ WALL TERMINATION

Stocked in Michigan Only

Description	Item #	Price/Each
ProTerm™ 7.2 Panel 3' Section	124011	19.80
ProTerm™ Classic Rib Panel 3' Section	124022	19.80
ProTerm™ PBR Panel 3' Section	124033	19.80

### LADDERANCHOR™

Description	Item #	Price/Each
White w/ 4 Butterfly Corners	1219W	489.49
Tan w/ 4 Butterfly Corners	1219B	489.49
Gray w/ 4 Butterfly Corners	1219G	489.49
Dark Gray w/ 4 Butterfly Corners	1219DG	489.49
White EV w/ 4 Butterfly Corners	1219EV	489.49
White w/ 4 Butterfly Corners & Gutter Ext	2219W	657.99
Tan w/ 4 Butterfly Corners & Gutter Ext	2219B	657.99
Gray w/ 4 Butterfly Corners & Gutter Ext	2219G	657.99
Dark Gray w/ 4 Butterfly Corners & Gutter Ext	2219DG	657.99
White EV w/ 4 Butterfly Corners & Gutter Ext	2219EV	657.99

## TOOLS

### SCREW GUNS AND DRILLS

Description	Item #	Price/Each
Hilti Screw Gun ST-1800	1273	340.99
Hilti TE-7C Rotary, Hammer Drill	1276-007	579.99
<b>Milwaukee M18 FUEL™ 1/4" Hex Impact Driver Kit</b>	<b>12766</b>	<b>320.95</b>
RhinoTrac Tool	1974	4,881.49
RhinoTrac Boot	1974-001	2,769.99
AccuTrac® Tool	1972	2,664.99
AccuTrac® Plates 3" 1000/box	1866	300.00
AccuSeam® Tool	1973	3,436.49
AccuSeam® Boot	1973-001	1,504.99
AccuSeam® Plates 2-3/8" 1000/box	1867	300.00

### DURO-LAST QUICK-PULL™ & GRIPULL PARTS

Description	Item #	Price/Each
Duro-Last Quick-Pull™	18011	467.49
Duro-Last Quick-Pull™ Replacement Cable	18013	17.49
Duro-Last Quick-Pull™ Front Replacement Pad	18015	6.99
Duro-Last Quick-Pull™ Rear Replacement Pad	18014	6.99
GriPull Replacement Cable	1801	22.99
GriPull Extension Pulley	1802	7.49
GriPull Rear Pulley	1803	7.49
GriPull Vise Grip Kit	1786	42.99
GriPull Vise Grip Pliers	1805	40.49
GriPull Vise Grip Locking Nut	1805-001	3.49
GriPull Handle	1806	41.99
GriPull Contact Bracket Set Kit	1785	21.99
GriPull Push Link Assembly Kit	1787	46.49
GriPull Extension Tube Assembly Kit	1788	64.49
GriPull 1/2" E Clip (2 required)	1791	0.99
GriPull 3/8" E Clip (2 required)	1792	1.49
GriPull Handle Pivot Pin	1794	6.99
GriPull Handle Grip	1794-001	4.99
GriPull Rear Pulley Shaft	1795	8.49
GriPull Rear Pulley Spacer	1796	6.99
GriPull 3/8" x 1" Link Pivot Pin w/ 3/16" x 3/4" Cotter Pin	1797	3.49
GriPull Roller Shaft Rollers (2) & 1/2" E-Clips (4)	1798	9.49
GriPull 3/8" x 1 1/2" Extension Pulley Pin w/Cotter Ring 3/4"	1799	3.49
GriPull 15/16" Retaining Ring	1807	3.49
GriPull Cable Guide	1808	6.99
GriPull 3/16" x 1" Spring Pin	1809	0.99
GriPull 3/16" x 1/2" Vise Grip Pin with 3/16 x 3/4" Cotter Pin	1809-001	2.99

**T-EDGE ADVANCED**

**T-EDGE ADVANCED**

("Face" price includes cleat and hook strip. Cleat is required for all sizes.)

Description	Item #	Price/Ft.
2" Face	7320206	12.25
2" Cleat	733020624	5.74
3" Face	7320306	13.04
3" Cleat	733030624	5.97
4" Face	7320606	13.83
4" Cleat	733060624	6.18
5" Face	7320706	14.60
5" Cleat	733070624	6.39
6" Face	7320806	15.39
6" Cleat	733080624	6.60
7" Face	7320906	16.18
7" Cleat	733090624	6.83
8" Face	7321006	16.94
8" Cleat	732100624	7.04
Hook Strip	7340006	6.90

**MISCELLANEOUS EDGE DETAILS**

**EDGE EXTENDER**

Description	Item #	Price/Ft.
3" Face	6400306	2.65
4" Face (Need Cleat)	6400606	2.95
5" Face (Need Cleat)	6400706	3.10
6" Face (Need Cleat)	6400806	3.40
7" Face (Need Cleat)	6400906	3.65
8" Face (Need Cleat)	6401006	3.90
3½" Cleat	693040524	1.65

**DURO-FLASH II**

(10' lengths)

Description	Item #	Price/Ft.
12" White Skirt	64103066601	7.10
12" Tan Skirt	64103066502	7.95
12" Gray Skirt	64103066403	7.95
12" Dark Gray Skirt	64103066304	7.95
Duro-Flash II Custom	64103	*call EM for price

**REGLET**

(10' lengths)

Description	Item #	Price/Ft.
5" One-Piece Reglet	6423606	3.55
5 ¾" Two-Piece Reglet	6423706	7.90

**COUNTER FLASHING**

(10' lengths)

Description	Item #	Price/Ft.
5 ½" Surface Mount Counter Flashing	6433806	3.40

**VINYL COATED METAL**

Description	Item #	Price/Ft.
White 4' x 10' Sheet	1603	186.00
Tan 4' x 10' Sheet	1603B	186.00
Gray 4' x 10' Sheet	1603G	186.00
Dark Gray 4' x 10' Sheet	1603DG	186.00
Light Tan 4' x 10' Sheet	1603LT	186.00
Light Gray 4' x 10' Sheet	1603LG	186.00
Charcoal 4' x 10' Sheet	1603CH	186.00
Midnight Bronze 4' x 10' Sheet	1603MB	186.00

**NOTES:**

- .023" thick (25 sheets per pallet).

**DURO-EDGE**

Description	Item #	Price/Ft.
Duro-Edge White	64408066601	9.30
Duro-Edge Tan	64408066602	10.15
Duro-Edge Gray	64408066603	10.15
Duro-Edge Dark Gray	64408066604	10.15
Duro-Edge Custom	64408	Call EM for pricing





## INFORMATIONAL MEMORANDUM

**TO:** Transportation and Infrastructure Services Committee  
**FROM:** Hari Ponnekanti, Public Works Director/ City Engineer  
**BY:** Justine Kim, Senior Project Manager, Shiels Oblatz Johnsen, Inc.  
**CC:** Mayor Allan Ekberg  
**DATE:** June 17, 2022  
**SUBJECT:** Public Works (Administration Building) Shops Phase 2 Project Update

### Issue

Provide update regarding Phase 2 of the Public Works Administration Building Shops Project and a draft project schedule.

### Background

The City Council has adopted a Combined Public Works Shop Capital Project as part of the City's Public Safety Plan. This project was most recently updated in the 2021-2022 Adopted Budget. The City chose a site in 2017, purchased properties in 2018 and began Phase 1 design and construction in 2019. Phase 1 of the Public Works Shop is being opened this month. Phase 2 of the Public Work Shops was discussed in the Transportation and Infrastructure Services Committee on April 18, 2022, and at the Finance and Governance Committee on April 25, 2022. At the May 9, 2022, Committee of the Whole meeting, Council further discussed this project, and provided their direction and approval for staff to seek a Request for Qualifications for designing the Public Works Shops Phase 2 Project.

Per Council direction, City staff are currently in the process of procuring the Architects and Engineering (A/E) Team via a publicly advertised Request for Qualifications process. In preparation for this process, a more detailed overall draft project schedule has been developed which has identified that our original timeline discussed previously was too aggressive. When accounting for proper Council engagement and approval processes at each project phase - design, bidding, and construction contract award - the attached project schedule shows the estimated construction start to be possible in the spring of 2025.

### Project Schedule

- June – August 2022: **A/E Team Selection and Contract Negotiation** for Council approval
- September – October 2022: Notice to Proceed and **Site Analysis/Preliminary Design/Test to Fit studies** for Council update
- November 2022 – May 2023: **Schematic Design and Estimate** for Council approval
- June 2023 – February 2024: **Design Development and Estimate** for Council approval
- November 1, 2023: Per existing agreements, City assumes ownership of the UPS property.
- March 2024 – January 2025: **Construction Documents and Permitting** update for Council approval to go to bidding
- February – April 2025: **Bidding and Construction Contract** for Council approval
- April 2025 – November 2026: **Construction** Phase
- November – December 2026: **Move-in** process

**Analysis**

The attached draft schedule is assuming an appropriate but timely approval process for the Council at the end of each phase and key, milestone decision points. The project design, permitting, and bidding process will take approximately 30 months from the start of Schematic Design (November 2022) to the start of construction (April of 2025). There will be no active leases on the property when the City assumes ownership of the property on November 1, 2023. Because the City will not be able to start construction until April 2025, Economic Development staff has been engaged to identify possible tenant(s) for the property. Lease agreements will be structured to avoid any impacts with the City's construction project.

Having the property occupied and operating is the best option for the City, while the design and permitting process for the new Administration building will be in progress. The additional lease income could be beneficial toward the project funding strategy, as well as ensuring the safety and security of the site, which will be adjacent to the soon to be occupied Public Works Fleet & Facilities (Phase I) building.

**Next Steps**

1. Authorize the Mayor to enter into lease agreement(s) for the property.
2. Complete the procurement process for the A/E project team for the new Administration Building by end of July and negotiate the contract for Council approval in August.
3. Select the Geotech consultant and Surveyor and prepare contracts for council approval in July.
4. Examine funding path and explore grant opportunities.
5. Start the building design and permitting process after Council approval of Site Analysis and Test to Fit studies.
6. Select the contractor and bring the recommendation to the Council in the first quarter of 2025.
7. Start construction to maximize development potential of newly acquired City property.

**Recommendation**

Discussion Only.

**Attachment:** Tukwila Public Works Administration Building Project Draft Schedule

**TUKWILA PUBLIC WORKS ADMINISTRATION BUILDING PROJECT SCHEDULE - DRAFT**

		2022												2023												2024												2025												2026													
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
1	SELECTION OF PMQA CONSULTANT																																																														
2	RFQ ADVERTISEMENT OF ARCHITECTS/ENGINEERS																																																														
3	PROCUREMENT OF GEOTECH AND SURVEY CONSULTANTS																																																														
4	GEOTECH, SURVEY CONTRACTS APPROVAL																																																														
5	PREPARE SURVEY AND GEOTECH REPORT																																																														
6	A/E TEAM INTERVIEW																																																														
7	A/E CONTRACT NEGOTIATIONS																																																														
8	A/E SELECTION AND CONTRACT APPROVAL FROM COUNCIL																																																														
9	A/E SITE ANALYSIS / TEST TO FIT / PRELIMINARY ESTIMATE																																																														
10	REPORT TO COUNCIL ON ANALYSIS AND APPROVAL																																																														
11	SCHEMATIC DESIGN PHASE AND ESTIMATE																																																														
12	REPORT TO COUNCIL FOR APPROVAL																																																														
13	DESIGN DEVELOPMENT PHASE AND ESTIMATE																																																														
14	UPS PARCEL OWNERSHIP TRANSFER																																																														
15	REPORT TO COUNCIL FOR APPROVAL																																																														
16	CONSTRUCTION DOCUMENTS AND ESTIMATE																																																														
17	SUBMIT FOR BUILDING PERMIT																																																														
18	BIDDING PERIOD																																																														
19	CONSTRUCTION																																																														
20	MOVE-IN																																																														







## INFORMATIONAL MEMORANDUM

**TO: Transportation and Infrastructure Services Committee**  
**FROM: Hari Ponnekanti, Public Works Director/City Engineer**  
**BY: Deontae Elder, Transportation Project Manager**  
**CC: Mayor Ekberg**  
**DATE: June 17, 2022**  
**SUBJECT: 2022 Overlay and Repair Program**  
**Project No. 80010401**  
**Bid Award**

### ISSUE

Award the bid for construction of the 2022 Overlay and Repair Program.

### BACKGROUND

The Overlay and Repair Program preserves and maintains the street structure in a safe and useable condition. Construction will include, but not be limited to pavement repairs, sidewalk improvements, signal improvements, and an asphalt overlay at seven locations citywide. Multiple projects were combined for the 2022 Overlay & Repair Program due to economy of scale, including work related to Overlay & Repair, Small Drainage, ADA improvements, and the Neighborhood Traffic Calming Program (NTCP).

### ANALYSIS

A call for bids was advertised for the 2022 Overlay and Repair Program on May 11, 2022 and May 18, 2022. Four bids were opened on June 7, 2022. The bid was separated into two schedules, with Schedule B being an optional additive alternate if budget allowed. The confirmed lowest bidder was Tucci & Sons, with a bid of \$1,422,751.25 for Schedule A and \$189,858.50 for Schedule B. The Engineer's Estimate was \$1,438,725.00 for Schedule A and \$239,257.50 for Schedule B. There were no bidding errors.

Schedule A includes work at the following locations:

- **44<sup>th</sup> Ave S and 46<sup>th</sup> Ave S along S 124<sup>th</sup> St.:** Work includes RRFB (Rectangular Rapid Flashing Beacons) installation, installation of curb ramps and sidewalk, driveway improvements, and channelization installation. This project is on the NTCP Top-10 priority list.
- **S 140<sup>th</sup> St. from Military Road to Tukwila International Boulevard:** Work includes grind and overlay, sidewalk and curb ramps installation, channelization such as stop bars, crosswalk, and paint lines, speed cushions, signs, driveways improvements, pavement repair, and gravel.
- **Orillia Rd. and S 200<sup>th</sup> St. Intersection:** Work includes pavement repair, grind and overlay, curb ramps, channelization, signal modifications such as traffic cameras, cabinets, loop removal, and pedestrian signal improvements, and driveway improvements.
- **S 141<sup>st</sup> St. from 37<sup>th</sup> to Tukwila International Blvd.:** Work includes grind and overlay, pavement repair, installing gravel, driveway improvements, and channelization installation.
- **S 142<sup>nd</sup> St. from 37<sup>th</sup> to Tukwila International Blvd.:** Work includes grind and overlay, pavement repair, installing gravel, driveway improvements, and channelization installation.
- **37<sup>th</sup> Ave S between S 144<sup>th</sup> St. and S 140<sup>th</sup> St.:** This section includes the small drainage work of adding new storm drainpipe by saw cutting out the pavement, then restoring that pavement with new pavement. Other work includes grind and overlay, gravel, HMA thickened edge, driveway improvements, speed cushions, and channelization.

Schedule B work will include overlay, sidewalk, curb ramps, a new crossing, and an RRFB signal relocation at S 144<sup>th</sup> Street and 46<sup>th</sup> Ave S near Foster High School, which is identified on the NTCP Top-10 priority list. If Council chooses to move forward with Schedule B, it can be funded using NTCP CIP funding or remaining 104 fund balance.

INFORMATIONAL MEMO

Page 2

**FINANCIAL IMPACT AND BID SUMMARY** (All amounts include sales tax)

The Tucci & Sons bid for Schedule A and Schedule B combined, without contingency is \$1,612,609.75. The funding for this project will be broken down into four funding sources since the work is relevant to multiple projects; and therefore, would utilize multiple budgets - Overlay & Repair, Neighborhood Traffic Calming Program (NTCP), the Small Drainage Program, which would use Surface Water Enterprise Funds, and the Complete Streets grant.

	<u>Bid Results Estimate</u>	<u>Engineer's Estimate</u>	<u>Funding Source</u>	<u>2022 Budget</u>
Schedule A	\$1,422,751.25	\$1,438,725.00	Overlay CIP	\$1,050,000.00
Schedule B	189,858.50	239,257.50	Fund Balance/NTCP CIP	250,000.00
Contingency (8%)	129,008.78		Complete Streets Grant	400,000.00
			Small Drainage CIP	85,000.00
<b>Total</b>	<b>\$1,741,618.53</b>	<b>\$1,677,982.50</b>	<b>Total</b>	<b>\$1,785,000.00</b>

**RECOMMENDATION**

Council is being asked to award construction of the 2022 Overlay and Repair Program to Tucci & Sons for both Schedule A and Schedule B in the amount of \$1,612,609.75, and to consider this item on the Consent Agenda of the June 27, 2022, Special Council Meeting.

**ATTACHMENTS:** 2022 CIP Page 2, 12 & 78  
Vicinity Map  
Bid Tabulation  
Bid Award Letter

# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

**PROJECT:** Traffic Calming/Residential Safety Improvements Project No. 80010301

**DESCRIPTION:** Programmatic approach to addressing neighborhood traffic concerns through a variety of methods. Residential street improvements with sidewalks, safety improvements, and bike facilities.

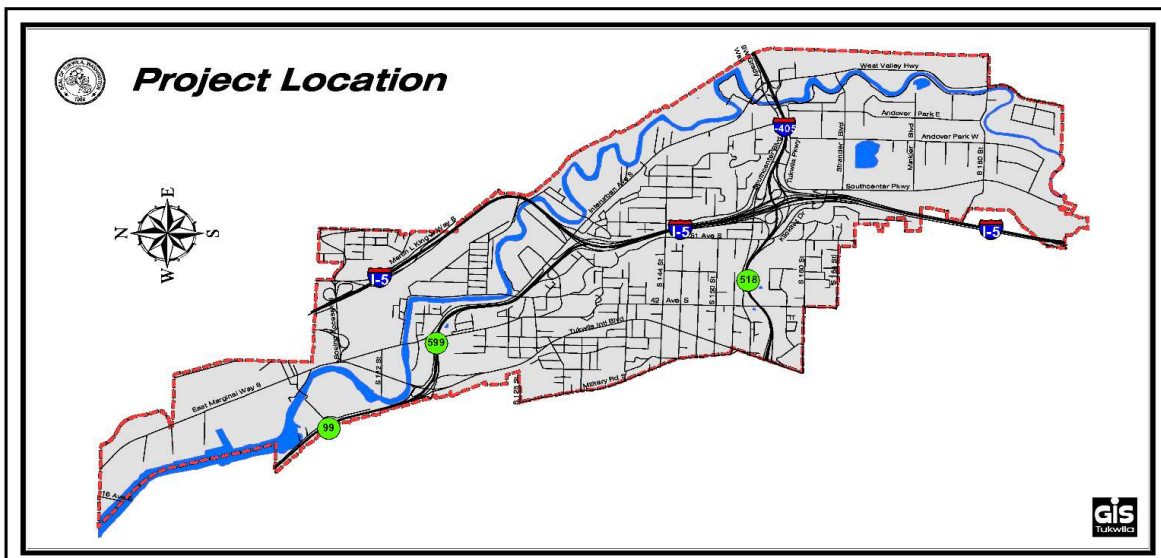
**JUSTIFICATION:** Neighborhood revitalization by improving residential streets.

**STATUS:** Future candidates are listed in the citywide comprehensive update and safety-based prioritization of residential street improvements, sidewalks, and bike lanes.

**MAINT. IMPACT:** Varies, depends on treatment(s) used.

**COMMENT:** Residential improvements and traffic calming features to reduce speeds and improve pedestrian and bicycl such as the speed cushions, RRFB crossings, LED enhanced signs, Radar driver feedback signs, etc.

FINANCIAL (in \$000's)	Through 2019	Estimated 2020	2021	2022	2023	2024	2025	2026	BEYOND
<b>EXPENSES</b>									
Design	63	50	100	100					
Land (R/W)									
Const. Mgmt.	37								
Construction	148	0		300					
<b>TOTAL EXPENSES</b>	<b>248</b>	<b>50</b>	<b>100</b>	<b>400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FUND SOURCES</b>									
ARPA Funding			100	400					
Awarded Grant									
Proposed Grant									
Mitigation Actual									
Mitigation Expected									
City Oper. Revenue	248	50	0	0	0	0	0	0	0
<b>TOTAL SOURCES</b>	<b>248</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

**PROJECT:** Annual Overlay and Repair Program Project No. 9xx10401

**DESCRIPTION:** Select, design and construct asphalt and concrete pavement overlays of arterial and residential streets.

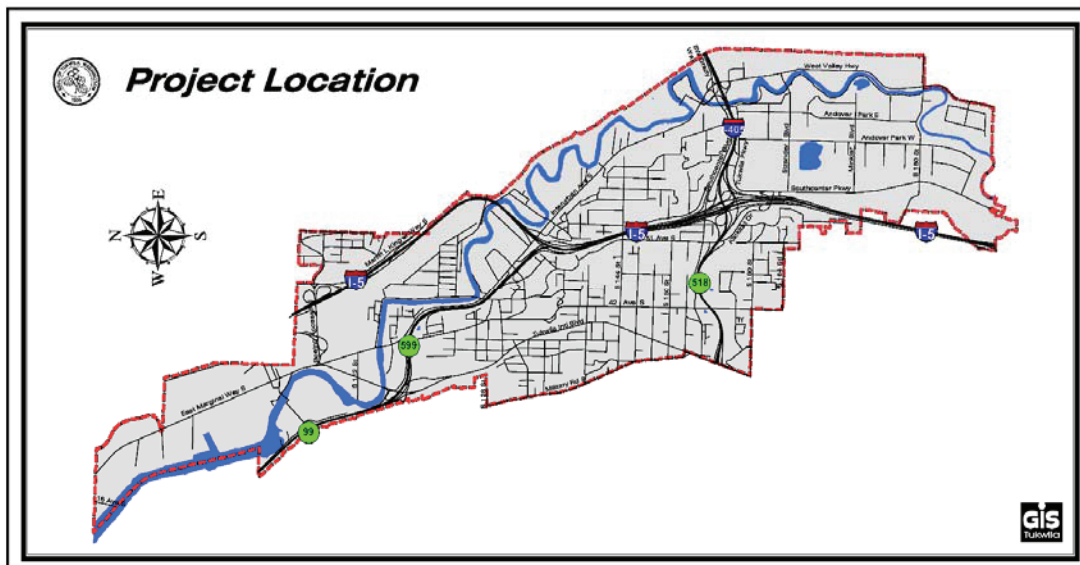
**JUSTIFICATION:** Preserve and maintain the street structure in a safe and useable state by resurfacing before failure which also minimizes costs. Some individual sites may be coordinated with water, sewer, and surface water projects.

**STATUS:** Each year various sections of roadway throughout the City are designed and constructed for asphalt overlay.

**MAINT. IMPACT:** Reduces annual maintenance.

**COMMENT:** Ongoing project. Only one year actuals shown in first column.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
<b>EXPENSES</b>										
Design	209	190	150	150	150	150	150	150	150	1,449
Land (R/W)										0
Const. Mgmt.	121	15	200	200	200	200	200	200	200	1,536
Construction	1,224	312	1,050	1,050	1,050	1,050	1,150	1,150	1,300	9,336
<b>TOTAL EXPENSES</b>	<b>1,554</b>	<b>517</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>1,500</b>	<b>1,500</b>	<b>1,650</b>	<b>12,321</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	1,554	517	1,400	1,400	1,400	1,400	1,500	1,500	1,650	12,321
<b>TOTAL SOURCES</b>	<b>1,554</b>	<b>517</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>1,500</b>	<b>1,500</b>	<b>1,650</b>	<b>12,321</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

**PROJECT:** Annual Small Drainage Program

Project No. 9xx41201  
81241207

**DESCRIPTION:** Select, design, and construct small drainage projects throughout the City.

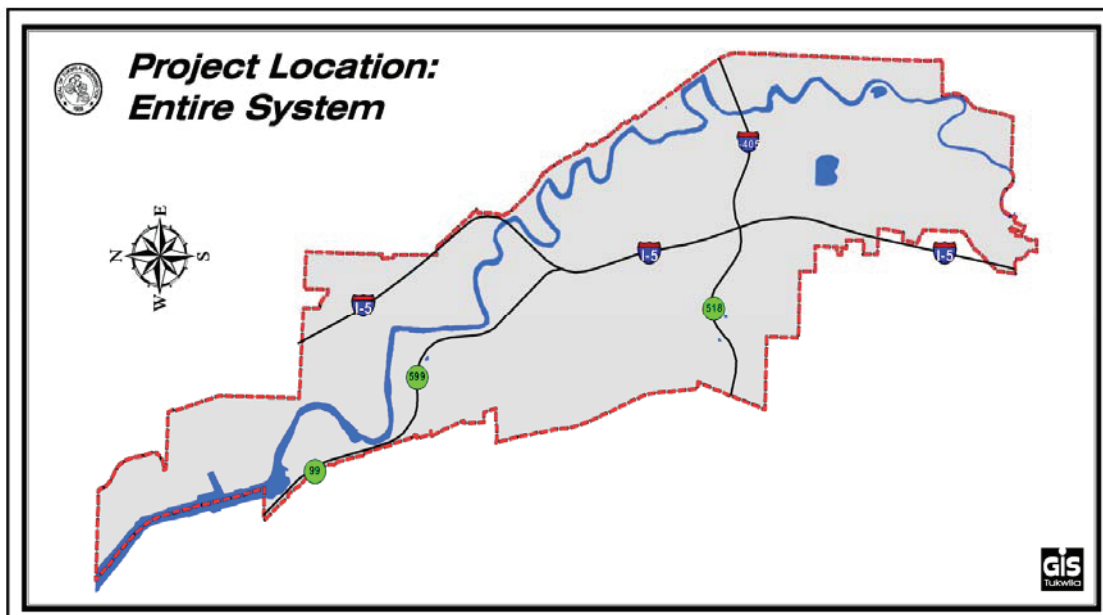
**JUSTIFICATION:** Provide drainage corrections for existing/ongoing drainage problems throughout the City, including culvert replacements, drain extensions, and pavement upgrades.

**STATUS:** Projects for this annual program are taken from Small Drainage Project List.

**MAINT. IMPACT:** Reduces maintenance.

**COMMENT:** Ongoing project, only one year shown in first column. Construction expenses may occur over two calendar years.

FINANCIAL (in \$000's)	Through Estimated		2021	2022	2023	2024	2025	2026	BEYOND	TOTAL
	2019	2020								
<b>EXPENSES</b>										
Design	74	92	100	100	100	100	110	110	80	866
Const. Mgmt.	40	68	100	100	100	100	110	110	80	808
Construction	108	515	700	700	700	700	750	750	513	5,436
<b>TOTAL EXPENSES</b>	<b>222</b>	<b>675</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>970</b>	<b>970</b>	<b>673</b>	<b>7,110</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant	65									65
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	157	675	900	900	900	900	970	970	673	7,045
<b>TOTAL SOURCES</b>	<b>222</b>	<b>675</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>970</b>	<b>970</b>	<b>673</b>	<b>7,110</b>



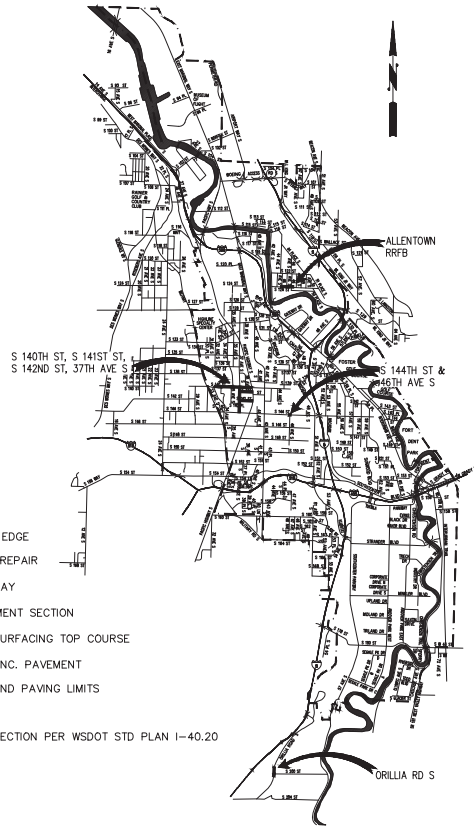
# 2022 OVERLAY PROGRAM

## PROJECT NO. 80010401

MAY 2022

MAYOR  
ALLAN EKBERG  
DIRECTOR OF PUBLIC WORKS/ CITY ENGINEER  
HARI PONNEKANTI, P.E.

CITY COUNCIL  
THOMAS MCLEOD, PRESIDENT  
KATHY HOUGARDY  
DE'SEAN QUINN  
KATE KRULLER  
CYNTHIA DELOSTRINOS JOHNSON  
TOSH SHARP  
MOHAMED ABDI



**SCHEDULE OF DRAWINGS**

SCHEDULE NO.	SHEET TITLE
<b>SCHEDULE A</b>	
1	COVER
2 - 4	DETAILS
5 - 7	S 140TH ST - STA 10+00 TO STA 29+75
10	S 141ST ST - STA 30+00 TO STA 37+00
11	S 142ND ST - STA 40+00 TO STA 47+70
12 - 13	37TH AVE S - STA 50+00 TO STA 63+50
14	37TH AVE S STORM DRAINAGE IMPROVEMENTS
15 - 17	ORILLIA RD S - STA 100+50 TO STA 108+00
18	ORILLIA RD S & 200TH ST S SIGNAL MODIFICATIONS
19	SIGNAL MODIFICATIONS DETAILS
20 - 23	ALLENTOWN RRFB INSTALLATIONS
<b>SCHEDULE B</b>	
24 - 26	S 144TH ST & 46TH AVE
27	S 144TH ST S & 46TH AVE S RRFB MODIFICATIONS

**LEGEND**

EXISTING:	PROPOSED:
⊗	THICKENED EDGE
⊕	PAVEMENT REPAIR
⊙	HMA OVERLAY
⊖	HMA PAVEMENT SECTION
⊘	CRUSHED SURFACING TOP COURSE
⊚	CEMENT CONC. PAVEMENT
⊛	GRINDING AND PAVING LIMITS
⊜	SAWCUT
⊝	INLET PROTECTION PER WSDOT STD PLAN I-40.20
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**PUBLIC WORKS DEPT.**  
\*ENGINEERING\*STREETS\*WATER\*SEWER\*

by	date
designed	MMK 05/22
drawn	MMK 05/22
checked	MMK 05/22
approved	
field bk. no.	

**KPG**  
Interdisciplinary Design  
3171 8th Ave  
Suite 402  
Seattle, WA 98101  
(206) 288-9501  
www.kpg.com

**BID DOCUMENTS**  
**2022 TUKWILA OVERLAY**  
COVER

no.	date	revisions
1	5/26	ADDENDUM 4

1  
27  
File no. 21148 COW/DWG  
Scale: 1" = 40'  
date: 04/21/2022

**CITY OF TUKWILA**

			Total		APPARENT LOW BIDDER		MILES RESOURCES LLC		ICON		LAKESIDE INDUSTRIES INC	
			Engineers Estimate		TUCCI & SONS INC							
No.	Section No.	Item	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>SCHEDULE A - OVERLAY &amp; SIDEWALK IMPROVEMENTS</b>												
<b>ROADWAY IMPROVEMENTS</b>												
A1	1-04	Unexpected Site Changes	1	FA	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00
A2	1-07	SPPC Plan	1	LS	\$ 2,250.00	\$ 2,250.00	\$ 2,250.00	\$ 2,250.00	\$ 287.00	\$ 287.00	\$ 125.00	\$ 125.00
A3	1-09	Mobilization	1	LS	\$ 107,000.00	\$ 107,000.00	\$ 127,300.00	\$ 127,300.00	\$ 88,105.00	\$ 88,105.00	\$ 150,000.00	\$ 150,000.00
A4	1-10	Project Temporary Traffic Control	1	LS	\$ 113,000.00	\$ 113,000.00	\$ 135,000.00	\$ 135,000.00	\$ 134,801.00	\$ 134,801.00	\$ 187,000.00	\$ 187,000.00
A5	1-10	Asphalt Uniformed Pothole Officer	300	HR	\$ 12.00	\$ 3,600.00	\$ 3,600.00	\$ 3,600.00	\$ 13.00	\$ 3,900.00	\$ 19.00	\$ 5,700.00
A6	2-02	Asphalt Pavement Removal	500	SY	\$ 45.00	\$ 22,500.00	\$ 10.00	\$ 5,000.00	\$ 33.10	\$ 16,550.00	\$ 78.00	\$ 39,000.00
A7	2-02	Removal of Structure and Obstruction	1	LS	\$ 8,500.00	\$ 8,500.00	\$ 40,000.00	\$ 40,000.00	\$ 2,560.00	\$ 2,560.00	\$ 12,500.00	\$ 12,500.00
A8	2-02	Roadway Excavation Incl. Haul	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 60,000.00	\$ 60,000.00	\$ 62,360.00	\$ 62,360.00	\$ 25,500.00	\$ 25,500.00
A9	2-03	Unstable Foundation Excavation Incl. Haul	40	CY	\$ 95.00	\$ 3,800.00	\$ 100.00	\$ 4,000.00	\$ 98.25	\$ 3,930.00	\$ 190.00	\$ 7,600.00
A10	2-03	Gravel Borrow Incl. Haul	200	TON	\$ 25.00	\$ 5,000.00	\$ 35.00	\$ 7,000.00	\$ 100.30	\$ 20,060.00	\$ 64.00	\$ 12,800.00
A11	4-04	Crushed Surfacing Top Course	650	TON	\$ 75.00	\$ 48,750.00	\$ 60.00	\$ 39,000.00	\$ 87.05	\$ 56,582.50	\$ 85.00	\$ 55,250.00
A12	5-04	Pavement Repair Excavation Incl. Haul	60	CY	\$ 125.00	\$ 7,500.00	\$ 375.00	\$ 22,500.00	\$ 529.00	\$ 31,740.00	\$ 350.00	\$ 21,000.00
A13	5-04	HMA C.I. 1/2" PG 58H-22	2,850	TON	\$ 110.00	\$ 313,500.00	\$ 115.00	\$ 327,750.00	\$ 142.00	\$ 404,700.00	\$ 122.00	\$ 347,700.00
A14	5-04	HMA for Pavement Repair C.I. 1/2" PG 58H-22	90	TON	\$ 175.00	\$ 15,750.00	\$ 250.00	\$ 22,500.00	\$ 333.50	\$ 30,015.00	\$ 260.00	\$ 23,400.00
A15	5-04	Temporary Pavement	30	TON	\$ 175.00	\$ 5,250.00	\$ 150.00	\$ 4,500.00	\$ 155.50	\$ 4,665.00	\$ 200.00	\$ 6,000.00
A16	5-04	Thickened Edge	1,110	LF	\$ 8.00	\$ 8,880.00	\$ 2.50	\$ 2,775.00	\$ 3.30	\$ 3,663.00	\$ 5.00	\$ 5,550.00
A17	5-04	Planing Bituminous Pavement	16,150	SY	\$ 5.00	\$ 80,750.00	\$ 5.00	\$ 80,750.00	\$ 7.00	\$ 113,050.00	\$ 7.00	\$ 113,050.00
A18	5-04	Asphalt Cost Price Adjustment	1	CALC	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
A19	7-05	Adjust Manhole	7	EA	\$ 1,500.00	\$ 10,500.00	\$ 850.00	\$ 5,950.00	\$ 1,160.00	\$ 8,120.00	\$ 750.00	\$ 5,250.00
A20	7-05	Adjust Catch Basin	32	EA	\$ 1,100.00	\$ 35,200.00	\$ 1,000.00	\$ 32,000.00	\$ 1,160.00	\$ 37,120.00	\$ 750.00	\$ 24,000.00
A21	7-12	Adjust Water Valve	19	EA	\$ 800.00	\$ 15,200.00	\$ 850.00	\$ 16,150.00	\$ 910.00	\$ 17,290.00	\$ 525.00	\$ 10,425.00
A22	7-15	Inlet Rehabilitation	1	EA	\$ 3,500.00	\$ 3,500.00	\$ 10,000.00	\$ 10,000.00	\$ 15,650.00	\$ 15,650.00	\$ 36,000.00	\$ 36,000.00
A23	8-01	Inlet Protection	64	EA	\$ 80.00	\$ 5,120.00	\$ 55.00	\$ 3,520.00	\$ 107.50	\$ 6,880.00	\$ 60.00	\$ 3,840.00
A24	8-13	Adjust Monument Case and Cover	3	EA	\$ 700.00	\$ 2,100.00	\$ 850.00	\$ 2,550.00	\$ 1,392.00	\$ 4,176.00	\$ 600.00	\$ 1,800.00
<b>SIDEWALK IMPROVEMENTS</b>												
A25	1-05	ADA Features Surveying	1	LS	\$ 7,000.00	\$ 7,000.00	\$ 12,000.00	\$ 12,000.00	\$ 6,331.00	\$ 6,331.00	\$ 2,500.00	\$ 2,500.00
A26	2-02	Cement Conc. Sidewalk Removal Incl. Haul	250	SY	\$ 90.00	\$ 22,500.00	\$ 15.00	\$ 3,750.00	\$ 50.90	\$ 12,725.00	\$ 100.00	\$ 25,000.00
A27	2-02	Cement Conc. Curb Removal Incl. Haul	780	LF	\$ 30.00	\$ 23,400.00	\$ 12.00	\$ 9,360.00	\$ 18.30	\$ 14,274.00	\$ 30.00	\$ 23,400.00
A28	7-05	Replace Existing Frame and Grate with Solid Locking Cover	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 1,015.00	\$ 1,015.00	\$ 500.00	\$ 500.00
A29	8-06	Cement Conc. Curb and Gutter	1,700	LF	\$ 50.00	\$ 85,000.00	\$ 45.00	\$ 76,500.00	\$ 33.75	\$ 57,375.00	\$ 30.00	\$ 51,000.00
A30	8-06	Cement Conc. Driveway Entrance	180	SY	\$ 80.00	\$ 14,400.00	\$ 90.00	\$ 16,200.00	\$ 62.65	\$ 11,277.00	\$ 100.00	\$ 18,000.00
A31	8-06	Cement Conc. Driveway	35	SY	\$ 2,800.00	\$ 98,000.00	\$ 900.00	\$ 31,500.00	\$ 62.65	\$ 21,927.50	\$ 100.00	\$ 35,000.00
A32	8-14	Cement Conc. Sidewalk	500	SY	\$ 75.00	\$ 37,500.00	\$ 70.00	\$ 35,000.00	\$ 53.00	\$ 26,500.00	\$ 81.25	\$ 40,625.00
A33	8-14	Cement Conc. Curb Ramp	12	EA	\$ 4,000.00	\$ 48,000.00	\$ 4,500.00	\$ 54,000.00	\$ 2,587.00	\$ 31,044.00	\$ 3,125.00	\$ 37,500.00
A34	8-14	Cement Conc. Pedestrian Curb	65	LF	\$ 35.00	\$ 2,275.00	\$ 40.00	\$ 2,600.00	\$ 38.60	\$ 2,509.00	\$ 44.00	\$ 2,860.00
<b>DRAINAGE IMPROVEMENTS</b>												
A35	7-04	Crushed Surfacing Top Course for Storm Drainage Improvements	70	TON	\$ 60.00	\$ 4,200.00	\$ 50.00	\$ 3,500.00	\$ 40.00	\$ 2,800.00	\$ 106.00	\$ 7,420.00
A36	7-05	HMA C.I. 1/2" PG 58H-22 for Storm Drainage Improvements	70	TON	\$ 150.00	\$ 10,500.00	\$ 115.00	\$ 8,050.00	\$ 255.00	\$ 17,850.00	\$ 200.00	\$ 14,000.00
A37	7-04	Ductile Iron Storm Sewer Pipe 6 in. Diam.	35	LF	\$ 110.00	\$ 3,850.00	\$ 110.00	\$ 3,850.00	\$ 140.00	\$ 4,900.00	\$ 120.00	\$ 4,200.00
A38	7-04	Ductile Iron Storm Sewer Pipe 12 in. Diam.	108	LF	\$ 110.00	\$ 11,880.00	\$ 145.00	\$ 15,660.00	\$ 159.50	\$ 17,226.00	\$ 291.00	\$ 31,428.00
A39	7-05	Storm Drain Marker	34	EA	\$ 350.00	\$ 11,900.00	\$ 25.00	\$ 850.00	\$ 25.20	\$ 856.80	\$ 26.00	\$ 884.00
A40	7-05	Area Drain Type 45	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 1,200.00	\$ 1,200.00	\$ 1,787.00	\$ 1,787.00	\$ 4,150.00	\$ 4,150.00
A41	7-05	Catch Basin Type 1	3	EA	\$ 3,000.00	\$ 9,000.00	\$ 2,000.00	\$ 6,000.00	\$ 2,223.00	\$ 6,669.00	\$ 3,100.00	\$ 9,300.00
A42	7-05	New Pipe Connection to Existing Storm Drain Structure or Pipe	2	EA	\$ 750.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 1,725.00	\$ 3,450.00	\$ 3,700.00	\$ 7,400.00
A43	8-31	Protect Utility Pole	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,900.00	\$ 2,900.00	\$ 6,250.00	\$ 6,250.00
A44	8-32	Resolution of Utility Conflicts	1	FA	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00
A45	8-32	Pothole Utility	3	EA	\$ 600.00	\$ 1,800.00	\$ 1,000.00	\$ 3,000.00	\$ 870.00	\$ 2,610.00	\$ 625.00	\$ 1,875.00
<b>TRAFFIC SIGNALS</b>												
A46	8-20	Traffic Signal Modifications (Orilla Rd S & S 200th St), Complete	1	LS	\$ 77,000.00	\$ 77,000.00	\$ 55,000.00	\$ 55,000.00	\$ 44,080.00	\$ 44,080.00	\$ 45,600.00	\$ 45,600.00
A47	8-20	RRFB System Installations (S124th Street & 44th Avenue S and S 124th Street & 46th Avenue S), Complete	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 45,000.00	\$ 45,000.00	\$ 37,120.00	\$ 37,120.00	\$ 38,400.00	\$ 38,400.00
<b>FRANCHISE UTILITY ITEMS</b>												
A48	8-19	Adjust Franchise Utility Manhole/Vault	1	EA	\$ 900.00	\$ 900.00	\$ 2,000.00	\$ 2,000.00	\$ 2,900.00	\$ 2,900.00	\$ 1,875.00	\$ 1,875.00
A49	8-19	Adjust Gas Valve	5	EA	\$ 700.00	\$ 3,500.00	\$ 850.00	\$ 4,250.00	\$ 812.00	\$ 4,060.00	\$ 532.00	\$ 2,660.00
<b>ROADSIDE DEVELOPMENT</b>												
A50	8-01	Erosion/Water Pollution Control	1	FA	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00
A51	8-02	Property Restoration	1	FA	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00
A52	8-18	Mailbox Relocation	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 400.00	\$ 400.00	\$ 870.00	\$ 870.00	\$ 740.00	\$ 740.00
<b>TRAFFIC CONTROL DEVICES</b>												
A53	8-05	Speed Cushion	8	EA	\$ 2,500.00	\$ 20,000.00	\$ 275.00	\$ 2,200.00	\$ 275.00	\$ 2,200.00	\$ 285.00	\$ 2,280.00
A54	8-21	Permanent Signing	1	LS	\$ 8,250.00	\$ 8,250.00	\$ 18,100.00	\$ 18,100.00	\$ 16,590.00	\$ 16,590.00	\$ 19,500.00	\$ 19,500.00
A55	8-22	Plastic Traffic Arrow	8	EA	\$ 80.00	\$ 640.00	\$ 95.00	\$ 760.00	\$ 90.50	\$ 724.00	\$ 84.00	\$ 672.00
A56	8-22	Plastic Stop Line	300	LF	\$ 50.00	\$ 15,000.00	\$ 8.25	\$ 2,475.00	\$ 8.12	\$ 2,436.00	\$ 8.40	\$ 2,520.00
A57	8-22	Plastic Crosswalk Line	1,200	SY	\$ 8.00	\$ 9,600.00	\$ 7.25	\$ 8,700.00	\$ 7.25	\$ 8,700.00	\$ 7.50	\$ 9,000.00
A58	8-22	Paint Line, 8 inch	3,160	LF	\$ 3.00	\$ 9,480.00	\$ 0.85	\$ 2,686.00	\$ 0.85	\$ 2,686.00	\$ 0.85	\$ 2,686.00
A59	8-22	Paint Line, 4 inch	7,800	LF	\$ 1.50	\$ 11,700.00	\$ 0.70	\$ 5,460.00	\$ 0.67	\$ 5,226.00	\$ 0.70	\$ 5,460.00
A60	8-22	Plastic Yield Line Symbol	17	EA	\$ 50.00	\$ 850.00	\$ 23.25	\$ 395.25	\$ 23.20	\$ 394.40	\$ 24.00	\$ 408.00
A61	8-23	Temporary Pavement Markings	5	EA	\$ 450.00	\$ 2,250.00	\$ 0.85	\$ 4.25	\$ 0.85	\$ 4.25	\$ 1.74	\$ 8.70
					<b>SCHEDULE A ESTIMATED CONSTRUCTION COST</b>		<b>\$ 1,438,725.00</b>		<b>\$ 1,493,742.95</b>		<b>\$ 1,616,865.00</b>	
							<b>\$ 1,422,751.25</b>				<b>\$ 1,626,829.00</b>	
<b>SCHEDULE B - S 144TH ST &amp; 46TH AVE S SCHOOL CROSSING</b>												
<b>ROADWAY IMPROVEMENTS</b>												
B1	1-04	Unexpected Site Changes	1	FA	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
B2	1-07	SPPC Plan	1	LS	\$ 2,250.00	\$ 2,250.00	\$ 2,250.00	\$ 2,250.00	\$ 287.00	\$ 287.00	\$ 125.00	\$ 125.00
B3	1-09	Mobilization	1	LS	\$ 107,000.00	\$ 107,000.00	\$ 127,300.00	\$ 127,300.00	\$ 88,105.00	\$ 88,105.00	\$ 150,000.00	\$ 150,000.00
B4	1-10	Project Temporary Traffic Control	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 22,000.00	\$ 22,000.00	\$ 44,465.00	\$ 44,465.00	\$ 62,000.00	\$ 62,000.00
B5	2-02	Asphalt Pavement Removal	480	SY	\$ 45.00	\$ 21,600.00	\$ 10.00	\$ 4,800.00	\$ 8.25	\$ 3,960.00	\$ 70.00	\$ 33,600.00
B6	2-02	Removal of Structure and Obstruction	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 8,000.00	\$ 8,000.00	\$ 3,538.00	\$ 3,538.00	\$ 12,300.00	\$ 12,300.00
B7	2-02	Roadway Excavation Incl. Haul	1	LS	\$ 4,500.00	\$ 4,500.00	\$ 7,000.00	\$ 7,000.00	\$ 7,885.00	\$ 7,885.00	\$ 10,000.00	\$ 10,000.00
B8	2-03	Unstable Foundation Excavation Incl. Haul	10	CY	\$ 95.0							

June 8, 2022

Hari Ponnekanti, P.E.  
City of Tukwila  
6200 Southcenter Boulevard  
Tukwila, WA 98188

RE: 2022 Overlay Program [Project No. 80010401]

Dear Mr. Ponnekanti,

As requested, KPG PSOMAS has completed the verification for Tucci & Sons, Inc. for the 2022 Overlay Program for their bid in the amount of \$1,612,609.75 (Schedule A plus Schedule B).

We have also checked the status of Tucci & Sons, Inc. on the Washington State Labor and Industries web page to confirm they are currently insured, bonded, and licensed. Additionally, no strikes or debarment records arose federally or statewide regarding Tucci & Sons, Inc.

Additionally, we called Tucci's references as listed in the bid documents. All calls were answered by machine and messages were left. Should we receive any responses we will forward that information on to you.

It is KPG PSOMAS' recommendation that the 2022 Overlay Program Schedule A bid work in the amount of \$1,422,471.25 be awarded to Tucci & Sons, Inc. The Schedule B bid work in the amount of \$189,858.50 will be awarded at the sole discretion of the City.

We have enclosed the contractor verification package for your review.

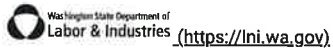
Sincerely,  
KPG PSOMAS



Bryce Corrigan, P.E.

Enclosures: Tucci & Sons, Inc - Verification Package





# Contractors

## TUCCI & SONS INC

**Owner or tradesperson TUCCI, MICHAEL F**

Principals

TUCCI, MICHAEL F, PRESIDENT

TUCCI, TIMOTHY F, SECRETARY

TUCCI, JAMES G

(End: 01/01/1980)

XITCO, JOHN V

(End: 01/01/1980)

TUCCI, THOMAS D

(End: 01/01/1980)

4224 WALLER RD

TACOMA, WA 98443

253-922-6676

PIERCE County

Doing business as

**TUCCI & SONS INC**

WA UBI No.

278 021 315

Business type

Corporation

## License

Verify the contractor's active registration / license / certification (depending on trade) and any past violations.

**Construction Contractor**

**Active**

**Meets current requirements.**

License specialties

**GENERAL**

License no.

**TUCCIS\*379N0**

Effective — expiration

**08/20/1963 — 01/14/2024**

### Bond

**TRAVELERS CAS & SURETY CO**

\$12,000.00

Bond account no.

**081S103486221BCM**

Received by L&I

**12/27/2001**

Effective date

**01/01/2002**

Expiration date

**Until Canceled**

### Insurance

**Zurich American Ins Co**

\$1,000,000.00

Policy no.

**GLO399266918**

Received by L&I

**12/22/2021**

Effective date

**01/01/2022**

Expiration date

**01/01/2023**

### Insurance history

#### Savings

**No savings accounts during the previous 6 year period.**

#### Lawsuits against the bond or savings

**No lawsuits against the bond or savings accounts during the previous 6 year period.**

#### L&I Tax debts

No L&I tax debts are recorded for this contractor license during the previous 6 year period, but some debts may be recorded by other agencies.

**License Violations**

No license violations during the previous 6 year period.

**Certifications & Endorsements**

**OMWBE Certifications**

No active certifications exist for this business.

**Apprentice Training Agent**

Registered training agent. Check their eligible programs and occupations.

**Workers' Comp**

Do you know if the business has employees? If so, verify the business is up-to-date on workers' comp premiums.

**This company has multiple workers' comp accounts.**

**Active accounts**

L&I Account ID  
**700,260-00**

**Self Insured.**  
**This business is certified to cover its own workers' comp costs. No premiums due.**

Doing business as  
**TUCCI & SONS INC**  
Estimated workers reported  
**N/A**  
L&I account contact  
- Email: @lni.wa.gov  
Track this contractor ?

**Public Works Requirements**

Verify the contractor is eligible to perform work on public works projects.

**Required Training— Effective July 1, 2019**  
Exempt from this requirement.

**Contractor Strikes**

**No strikes have been issued against this contractor.**

**Contractors not allowed to bid**

**No debarments have been issued against this contractor.**

**Workplace Safety & Health**

Check for any past safety and health violations found on jobsites this business was responsible for.

Inspection results date  
**10/20/2021** No violations  
Inspection no.  
**317965712**  
Location  
**2623 south 170th st  
Seatac, WA 98188**

Inspection results date  
**08/28/2017** No violations  
Inspection no.  
**317946151**  
Location  
**3205 MARTIN WAY E  
Olympia, WA 98506**

Inspection results date  
**09/28/2016** No violations  
Inspection no.  
**317941904**

Location

**W. Valley HWY S. & W. Main St  
Auburn, WA 98001**



STATE OF WASHINGTON

Department of Labor &amp; Industries

# Certificate of Workers' Compensation Coverage

June 8, 2022

WA UBI No.	278 021 315
L&I Account ID	700,260-00
Legal Business Name	TUCCI & SONS INC
Doing Business As	TUCCI & SONS INC
Workers' Comp Premium Status:	Self Insured. This business is certified to cover its own workers' comp costs. No premiums due.
Estimated Workers Reported (See Description Below)	N/A
Account Representative	Employer Services Help Line, (360) 902-4817
Licensed Contractor?	Yes
License No.	TUCCIS*379N0
License Expiration	01/14/2024

## What does "Estimated Workers Reported" mean?

Estimated workers reported represents the number of full time position requiring at least 480 hours of work per calendar quarter. A single 480 hour position may be filled by one person, or several part time workers.

## Industrial Insurance Information

Employers report and pay premiums each quarter based on hours of employee work already performed, and are liable for premiums found later to be due. Industrial insurance accounts have no policy periods, cancellation dates, limitations of coverage or waiver of subrogation (See [RCW 51.12.050](#) and [51.16.190](#)).

[Business Lookup](#)**License Information:**[New search](#) [Back to results](#)

**Entity name:** TUCCI & SONS, INC.

**Business name:** TUCCI & SONS, INC.

**Entity type:** Profit Corporation

**UBI #:** 278-021-315

**Business ID:** 001

**Location ID:** 0004

**Location:** Active

**Location address:** 11102 S STEELE ST  
TACOMA WA 98444

**Mailing address:** 4224 WALLER RD E  
TACOMA WA 98443

**Excise tax and reseller permit status:** [Click here](#)**Secretary of State status:** [Click here](#)**Endorsements**

Endorsements held at this loc.	License #	Count	Details	Status	Expiration date	First issuance
Scale - Large		2		Active	Mar-31-2023	Apr-18-2001

**Governing People** May include governing people not registered with Secretary of State

Governing people	Title
KEVER, KEVIN A	
TUCCI, MICHAEL A	
TUCCI, MICHAEL F	
TUCCI, TIMOTHY F	



[View Additional Locations](#)

The Business Lookup information is updated nightly. Search date and time: 6/8/2022  
10:31:51 AM



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**Take our survey!**

Don't see what you expected?

**Check if your browser is supported**





# TUCCI & SONS INC

Unique Entity ID <b>K5N5ZMTJJEM8</b>	CAGE / NCAGE <b>0HXL1</b>	Purpose of Registration <b>All Awards</b>
Registration Status <b>Active Registration</b>	Expiration Date <b>Jun 2, 2023</b>	
Physical Address <b>4224 Waller RD E Tacoma, Washington 98443-1623 United States</b>	Mailing Address <b>4224 Waller RD E Tacoma, Washington 98443-1623 United States</b>	

## Business Information

Doing Business as <b>(blank)</b>	Division Name <b>(blank)</b>	Division Number <b>(blank)</b>
Congressional District <b>Washington 10</b>	State / Country of Incorporation <b>Washington / United States</b>	URL <b>(blank)</b>

## Registration Dates

Activation Date <b>Jun 6, 2022</b>	Submission Date <b>Jun 2, 2022</b>	Initial Registration Date <b>Mar 18, 2002</b>
---------------------------------------	---------------------------------------	--

## Entity Dates

Entity Start Date <b>Jan 1, 1950</b>	Fiscal Year End Close Date <b>Dec 31</b>
---	---

## Immediate Owner

CAGE <b>(blank)</b>	Legal Business Name <b>(blank)</b>
------------------------	---------------------------------------

## Highest Level Owner

CAGE <b>(blank)</b>	Legal Business Name <b>(blank)</b>
------------------------	---------------------------------------

## Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

## Proceedings Questions

Registrants in the System for Award Management (SAM) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2.C.F.R. 200 Appendix XII. Their responses are not displayed in SAM. They are sent to FAPIIS.gov for display as applicable. Maintaining an active registration in SAM demonstrates the registrant responded to the proceedings questions.

## Exclusion Summary

Active Exclusions Records?

**No**

## SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

**Yes**

## Entity Types

### Business Types

Entity Structure <b>Corporate Entity (Not Tax Exempt)</b>	Entity Type <b>Business or Organization</b>	Organization Factors <b>Manufacturer of Goods</b>
Profit Structure <b>For Profit Organization</b>		

**Socio-Economic Types**

Check the registrant's Reps & Certs, if present, under FAR 52.212-3 or FAR 52.219-1 to determine if the entity is an SBA-certified HUBZone small business concern. Additional small business information may be found in the SBA's Dynamic Small Business Search if the entity completed the SBA supplemental pages during registration.

**Financial Information**

Accepts Credit Card Payments  
**No**

Debt Subject To Offset  
**No**

EFT Indicator  
**0000**

CAGE Code  
**0HXL1**

**Points of Contact**

**Electronic Business**

☒  
KEVIN A KEVER  
**4224 Waller RD E  
Tacoma, Washington 98443  
United States**

MICHAEL TUCCI  
4224 Waller RD  
Tacoma, Washington 98443  
United States

**Government Business**

☒  
KEVIN A KEVER  
**4224 Waller RD E  
Tacoma, Washington 98443  
United States**

MICHAEL TUCCI  
4224 Waller RD  
Tacoma, Washington 98443  
United States

**Service Classifications**

**NAICS Codes**

Primary	NAICS Codes	NAICS Title
<b>Yes</b>	<b>237310</b>	<b>Highway, Street, And Bridge Construction</b>
	<b>237110</b>	<b>Water And Sewer Line And Related Structures Construction</b>
	<b>324121</b>	<b>Asphalt Paving Mixture And Block Manufacturing</b>

**Disaster Response**

Yes, this entity appears in the disaster response registry.

Bonding Levels	Dollars
<b>(blank)</b>	<b>(blank)</b>

States  
**Washington**

Counties  
**WA: Thurston, Pierce, King**

Metropolitan Statistical Areas  
**(blank)**



## Certified Firms Directory

OMWBE's Directory of Certified Firms will help buyers and contracting officers quickly locate and notify firms of upcoming procurement and contracting opportunities. When you search, you must also select at least one certification type.

This online directory lists firms certified by OMWBE. Firms that appear in the directory are currently certified and approved to be utilized toward meeting established contract goals and their displayed certification type(s). Firms that are noted as suspended cannot be utilized for-credit in new contracts until the suspension is removed. For additional details please reference the [US DOT regulations](#) or contact Amal Journey at [amalj@omwbe.wa.gov](mailto:amalj@omwbe.wa.gov).

As of October 1, 2020, the Washington State Department of Transportation (WSDOT) will be adding white-women owned businesses back into the Federal Highway Administration race-conscious, or goals portion of the Disadvantaged Business Enterprise (DBE) Program. All previously awarded contracts with underutilized DBE (UDBE) goals will remain the same. This means only UDBE firms will continue to count toward those projects. On projects with goals set after October 1, 2020, all DBE firms will count toward all DBE goals. For more information, please contact (360) 705.7090.

WSDOT continues to implement a Small Business Enterprise Program on federal aid-projects. For more information on how to use the Directory of Certified Firms to find certified Small Businesses, please visit: <https://www.wsdot.wa.gov/sites/default/files/2016/05/10/OEO-FSBE-DMCS-Search-Instructions.pdf>

[Show directory information and instructions](#)

### Search Parameters

Edit Parameters

Clear Parameters

CERTIFICATIONS

**Disadvantaged Business Enterprise (DBE)**  
**Minority Business Enterprise (MBE)**  
**Minority/Women Business Enterprise (MWBE)**  
**Small Business Enterprise (SBE)**  
**Socially and Economically Disadvantaged Business Enterprise (SEDBE)**  
**Women Business Enterprise (WBE)**

BUSINESS NAME/DBA

**TUCCI & SONS, INC.**

### Search Results

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## INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**  
FROM: **Hari Ponnekanti, Public Works Director**  
BY: **Deontae Elder, Transportation Project Manager**  
CC: **Mayor Ekberg**  
DATE: **June 17, 2022**  
SUBJECT: **Neighborhood Traffic Calming Program**  
**Project No. 80010301**

### **ISSUE**

Provide status update for the Neighborhood Traffic Calming Program (NTCP).

### **BACKGROUND**

The NTCP was developed to guide City staff and inform residents about the procedures for implementing traffic calming on residential streets. Speeding and unnecessary through traffic on residential streets can create safety hazards and greatly affect neighborhood livability. Late in 2021, the Council reinstated the full 2022 NTCP budget, which was cut due to the pandemic, for \$400,000 using ARPA funding made available to the City from the Federal government.

### **DISCUSSION**

Staff has made progress on several of the Top 10 list and plan to complete the following using 2022 funds.

- **Tukwila Community Center (TCC) Pedestrian Crossing Safety Improvements:** This project has been designed and two RRFBs, adjacent to the TCC, will be installed this summer in conjunction with the Annual Overlay & Repair Program Schedule A. Project construction was included in the Overlay & Repair construction bid due to economy of scale.
- **ADA ramps and an RRFB crossing at 144th Street/46th Avenue S:** This project is near Foster High School, has been designed, and will be installed this summer if Schedule B of the Annual Overlay & Repair construction bid award is approved by Council. Project construction was included in the Overlay & Repair construction bid due to economy of scale.
- **Transportation Studies:** KPG will develop Transportation Studies, evaluate existing conditions, vehicle volumes and speeds, signage, and five years of historical crash data for areas surrounding Tukwila Elementary, Impact Charter, and Cascade View Elementary schools. All studies will include transportation counts and speed data.
- **Allentown Neighborhood Speed and Safety Study:** KPG developed a Transportation Study to evaluate existing conditions, vehicle volumes and speeds, signage, and five years of historical crash data in the Allentown neighborhood. The report studied existing conditions on several of the key streets in the neighborhood and made some recommendations for improvements that could be made to improve quality of life for residents, reduce speeds and improve safety for all users.

KPG staff attended the March 22, 2022 and April 26, 2022 Allentown Community meetings to gather feedback from residents. Feedback received can be found in the attached Neighborhood Speed & Safety Study - Community Feedback attachment.

Based on community feedback, a Rectangular Rapid Flashing Beacon (RRFB) and a raised crosswalk on 42<sup>nd</sup> Ave S at the S 119<sup>th</sup> street pedestrian bridge crossing has been added to the planned improvements list for the Allentown neighborhood. The preliminary cost estimate for the RRFB and raised crosswalk improvements are anticipated to be approximately \$240,000. The detailed cost estimate is attached.

**FINANCIAL IMPACT**

Projects on the Staff Top-10 list are anticipated to cost over \$1.2 million. Staff will complete a portion of the Top-10 list using the 2022 budget. Remaining items on the list will be completed using future NTCP funding. The City is also applying for grant funding for 2023 NTCP improvements, including a Washington State Department of Transportation's Pedestrian-Bicycle Program grant funding for traffic calming improvements in Allentown.

**RECOMMENDATION**

Discussion only.

- ATTACHMENTS:** 2021 CIP, Page 2  
Staff Top-10 Recommended NTCP Projects (Updated 6-6-22)  
Staff Top 10 Recommended NTCP Projects Map  
Allentown Neighborhood Speed & Safety Study - Community Feedback  
S 119<sup>th</sup> Street Crossing Cost Estimate

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

**PROJECT:** Traffic Calming/Residential Safety Improvements Project No. 80010301

**DESCRIPTION:** Programmatic approach to addressing neighborhood traffic concerns through a variety of methods. Residential street improvements with sidewalks, safety improvements, and bike facilities.

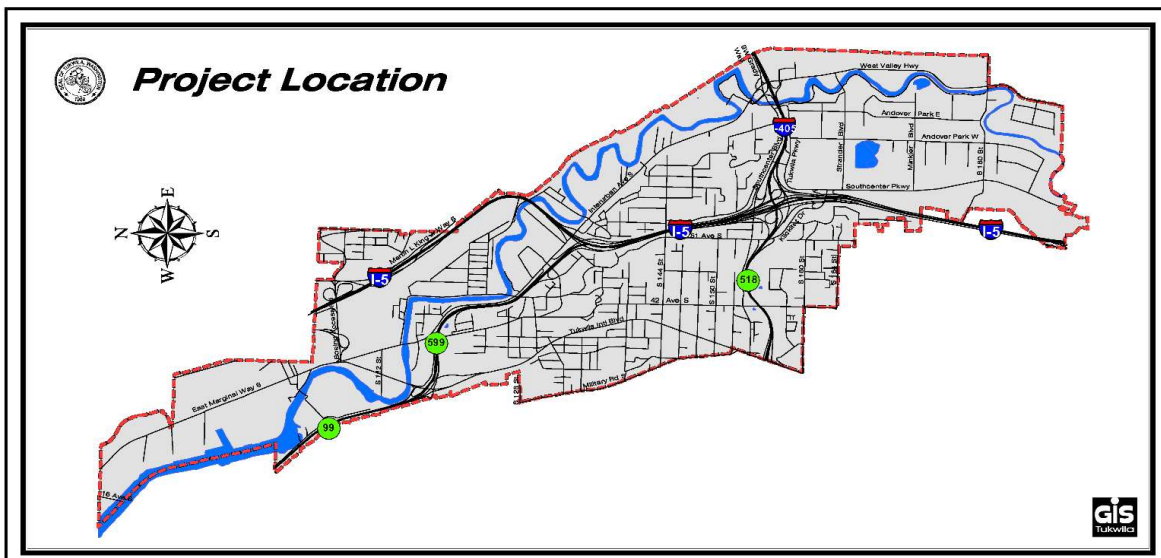
**JUSTIFICATION:** Neighborhood revitalization by improving residential streets.

**STATUS:** Future candidates are listed in the citywide comprehensive update and safety-based prioritization of residential street improvements, sidewalks, and bike lanes.

**MAINT. IMPACT:** Varies, depends on treatment(s) used.

**COMMENT:** Residential improvements and traffic calming features to reduce speeds and improve pedestrian and bicycl such as the speed cushions, RRFB crossings, LED enhanced signs, Radar driver feedback signs, etc.

FINANCIAL (in \$000's)	Through 2019	Estimated 2020	2021	2022	2023	2024	2025	2026	BEYOND
<b>EXPENSES</b>									
Design	63	50	100	100					
Land (R/W)									
Const. Mgmt.	37								
Construction	148	0		300					
<b>TOTAL EXPENSES</b>	<b>248</b>	<b>50</b>	<b>100</b>	<b>400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FUND SOURCES</b>									
ARPA Funding			100	400					
Awarded Grant									
Proposed Grant									
Mitigation Actual									
Mitigation Expected									
City Oper. Revenue	248	50	0	0	0	0	0	0	0
<b>TOTAL SOURCES</b>	<b>248</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Staff Top-10 Recommended NTCP Projects**

*Modified 6/9/2022*

Project	Details	Potential Treatment Options	Status	Original Cost Estimate Range	Updated Cost Estimate	Updated Cost Range
A Allentown Neighborhood Speed and Safety Study	<i>Since 2018, five individual requests for traffic calming have been recorded in the NTCP list of requests; additional traffic complaints have been made to the City over prior years. Addressing traffic safety concerns in Allentown is a top priority for the City.</i>		<ul style="list-style-type: none"> <li>• Draft Transportation Safety Study completed.</li> <li>• Conducted public outreach meetings on 3/22/22 and 4/26/22.</li> <li>• Submitted WSDOT Pedestrian and Bicycle Program Grant application in 5/2022.</li> <li>• Collecting new counts and speed data to evaluate improvements.</li> </ul>	\$50,000-80,000	\$20k for study \$640k for CN of study recommendations 119th Ped. Bridge Location: \$56,000 for design and \$185,000 for construction.	\$921,000
	Study neighborhood-wide volume, speed, classification and safety issues. Identify and design Level 1 and Level 2 treatments throughout Allentown.	Level 1: Improved signage; radar feedback signs; pavement marking modifications. Level 2: Sidewalks; curb extensions; raised crosswalk; traffic calming; and remove the eastbound right-turn slip lane and reconfigure the S 124th Street/50th Place S intersection.				
B Tukwila Elementary School Safety Improvements	<i>Since 2018, 12 traffic calming requests have been made in the Tukwila Hill neighborhood, with a significant number near Tukwila Elementary School. Common complaints have been about speeding and crosswalk or pedestrian safety. Additionally, the Council has asked for proactively addressing or anticipating concerns, specifically around school zones. Some improvements have been made around the school already, but more improvements are needed.</i>		<ul style="list-style-type: none"> <li>• Transportation Safety Study initiated 5/2022.</li> <li>• Collecting transportation counts and speed data before the end of the school year to inform the evaluation of improvements.</li> </ul>	\$30,000-80,000	TBD	\$30,000-80,000
	Address pedestrian mobility, crosswalk safety concerns, speeding, sight distance, and upgrade School Zone signage.	Level 1: School Zone beacons; improved signage; radar feedback signs; pavement marking modifications. Level 2: Curb extensions; RRFB installation; ADA ramp upgrades; improved illumination.				
C Impact Charter School Safety Improvements	<i>A request specific to Impact Charter School was received in 2019. The request was to provide a signed school zone, which Tukwila has provided signs marking school crossings on S 148th Street. ADA-compliant ramps have not been installed at the marked school crossings. The charter school has expanded their site to the north which requires creating a school zone on S 146th Street and other potential improvements for children's safety. Additionally, the Council has asked for proactively addressing or anticipating concerns, specifically around school zones.</i>		<ul style="list-style-type: none"> <li>• Transportation Safety Study initiated 5/2022.</li> <li>• Collecting transportation counts and speed data before the end of the school year to inform the evaluation of improvements.</li> <li>• Proposed private development may provide ADA ramp improvement on S 146th Street.</li> </ul>	\$8,000-15,000	TBD	\$8,000-15,000
	Provide school crossing improvements, establish school zone on S 146th Street, if needed. Provide school crossing improvements, observe operating speeds, if necessary establish speed zone.	Level 1: Improved signage for school zones on S 148th Street and S 146th Street; crosswalk installations. Level 2: ADA ramp improvements; RRFB installations; curb extensions.				
D Cascade View Elementary School Safety Improvements	<i>Since 2018, the Cascade View neighborhood has seen 9 requests for traffic calming. Four of the requests were about speeding, school crossing and pedestrian safety at locations around the Cascade View Elementary School. 85th Percentile speeds of ~30MPH have been recorded, but analysis is needed to identify if speeding occurs during the 20MPH-active school zone period. Additionally, the Council has asked for proactively addressing or anticipating concerns, specifically around school zones.</i>		<ul style="list-style-type: none"> <li>• Transportation Safety Study initiated 5/2022.</li> <li>• Collecting transportation counts and speed data before the end of the school year to inform the evaluation of improvements.</li> </ul>	\$8,000-15,000	TBD	\$8,000-15,000
	Upgrade School Zone signing, design and install pedestrian crossing improvements.	Level 1: Improved signage for school zones on S 148th Street and S 146th Street; crosswalk installation. Level 2: ADA ramp improvements; curb extensions; enhanced crosswalk treatments.				
E Tukwila Community Center Pedestrian Crossing Safety Improvements	<i>The City Council has expressed desire for the NTCP to have a proactive approach to address traffic calming and safety needs throughout the City. The TCC is a well-utilized facility by the Allentown neighborhood as well as the entire City and surrounding area. There have been concerns related to pedestrian crossings on S 124th Street and speeding in Allentown. Increasing pedestrian visibility to improve safety in this high-use area is a recommended top priority.</i>		<ul style="list-style-type: none"> <li>• Design completed for RRFBs, curb extensions and ADA ramps at 44th Avenue S and 46th Avenue S.</li> <li>• Installation scheduled for summer 2022. This is included with the 2022 overlay program this summer.</li> </ul>	\$80,000-100,000	\$15k PE \$47k RRFB units \$78k RRFB Installation	\$110,000.00
	Install pedestrian safety improvements on S 124th Street at 44th Avenue S and 46th Avenue S.	Level 1: Improve pedestrian crossing signage. Level 2: RRFB installations; upgrade ADA ramps; curb extensions; improved illumination.				

**Staff Top-10 Recommended NTCP Projects**

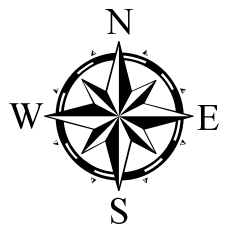
Modified 6/9/2022

Project	Details	Potential Treatment Options	Status	Original Cost Estimate Range	Updated Cost Estimate	Updated Cost Range
F	Macadam Road Speed and Safety Improvements	At least five requests for traffic calming, specific to speeding (and some secondary reasons) have been made since 2018. A radar feedback sign was placed near the 13700 block in 2019 but requests have continued to be made. Additional analysis is warranted to determine what other improvements could be used to address the speeding, especially where Macadam Road has extremely limited sight distance due to the curvy nature of the roadway.	<ul style="list-style-type: none"> <li>Design to begin in 2/3Q.</li> </ul>	\$10,000 - 30,000	TBD	\$10,000 - 30,000
	Design and install treatments addressing speeding and curve safety north of S 144th Street.	Level 1: Improved signage; LED chevron signs; channelization modifications. Level 2:				
G	Southcenter Boulevard/65th Avenue S Pedestrian Safety Improvements	Staff identified the need for improvement pedestrian safety at this location several years ago. Southcenter Boulevard is a 5-lane roadway with known speeding issues along with curves that restrict sight distance. A high pedestrian usage at this intersection accessing the King County Metro bus stop that services both the Rapid Ride F-Line and Route 150, both workhorses of the south County transit network, justifies improving pedestrian crossing safety. This intersection is slated for full signalization in the future, but interim pedestrian safety improvements should be considered sooner.	<ul style="list-style-type: none"> <li>Funding available for design of full signal in 2022 CIP.</li> <li>Will consider signage improvements for interim in 2/3Q.</li> </ul>	\$50,000-\$90,000	TBD	\$50,000-\$90,000
	Design and install pedestrian safety improvements	Level 1: Improved signage for pedestrian crossing. Level 2: RRFB installation; ADA ramp upgrades; improved illumination.				
H	City-wide Residential Speed Limit Review	As part of the City Council's desire to proactively look at traffic calming needs, a full review of the residential street posted speed limits is recommended by staff. State law establishes city speed limits at 25MPH unless an engineering study is completed to justify higher speed limits. Most residential streets are posted at 25MPH today, but there are many that are posted at 30MPH or 35MPH. Likely, those speed limits are legacies of past annexation areas, where a speed study was completed by King County. The general impression Staff has is that most residents and elected officials would prefer lower speed limits. City of Seattle has also recently lowered all speed limits nearly city-wide to be 25MPH.	<ul style="list-style-type: none"> <li>Not started yet.</li> </ul>	\$5,000-8,000	TBD	\$5,000-8,000
	Identify residential streets with speed limits currently above 25MPH. Conduct volume, speed and safety review. Recommend changes to speed limits, as necessary.	Level 1: Modify speed limit ordinance; as needed; install new signs; as needed. Level 2:				
I	S Ryan Way Pedestrian Safety Improvements	Two requests for traffic calming to address speeding and pedestrian crossing safety in the Ryan Hill area were made in 2021. New developments are coming forward that will increase the residential population in this part of the City with multi-family developments. The speed concerns, especially along S Ryan Way, coupled with the new housing developments are expected to increase pedestrian activity and warrant this analysis to be a top priority.	<ul style="list-style-type: none"> <li>Transportation Safety Study for improved signage and safety improvements may begin in 2/3Q.</li> <li>Construction of improvements possible in 2023.</li> </ul>	\$10,000-100,000	TBD	\$10,000-100,000
	Safety study on S Ryan Way from MLK Jr. Way to east city limits, focusing on speeding and pedestrian safety.	Level 1: Improved signage. Level 2: Curb extension, improved illumination.				
J	S 144th Street/46th Avenue S ADA Ramps	The Tukwila School District requested school crossing safety improvements at this intersection in 2017. A new Rectangular Rapid Flashing Beacon was installed in 2019. At the time the RRFB was installed, the City also submitted a grant application for the 46th Avenue S Safe Routes to School project, which would improve pedestrian safety between this intersection south to S 150th Street, and would include either a raised pedestrian crosswalk at the RRFB or install ADA-compliant curb ramps. The grant was not awarded. State law requires ADA ramps be brought up to current standards anytime a new signal, including the RRFB, is installed. Since grant monies for the larger improvement are not expected in the short term, staff recommends this as a priority to comply with laws regarding ADA requirements.	<ul style="list-style-type: none"> <li>Design complete and construction to be done with the 2022 Annual Overlay Project.</li> </ul>	\$15,000-20,000	\$15k PE \$90k Construction	\$105,000
	Design and install ADA-compliant ramps at the intersection.	Level 1: Level 2: ADA upgrades to ramps at RRFB (not done at time of RRFB installation due to budget constraints).				
<b>Total</b>				<b>\$266,000-\$538,000</b>	<b>\$1,065,000</b>	<b>\$1,257,000 - \$1,474,000</b>



# City of Tukwila

## Top 10 Staff Recommended NTCP Projects

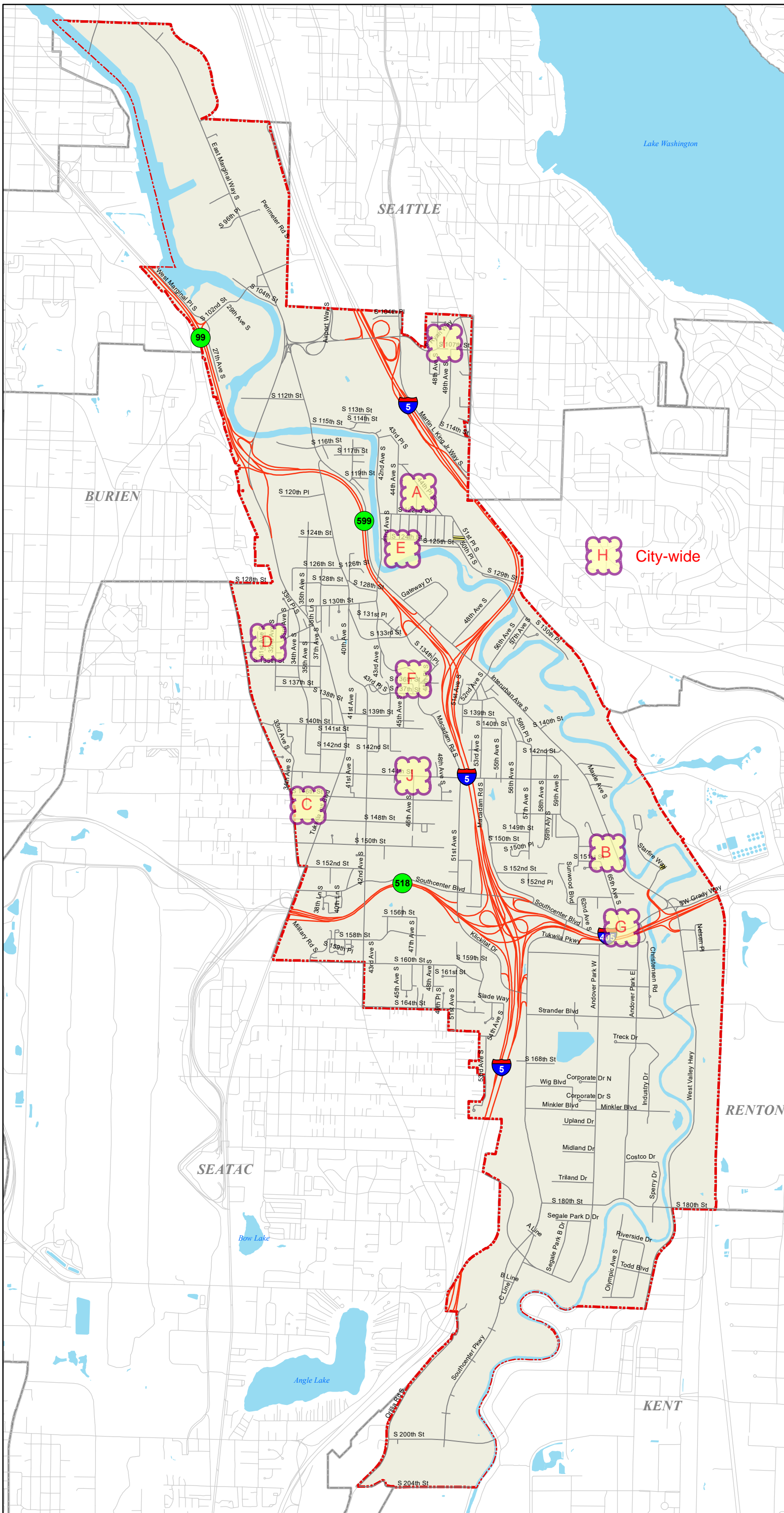


Not to Scale

### Vicinity Map



Disclaimer: The location of features and boundaries are approximate and are intended for reference only. Data is based on best information available.





## Allentown Neighborhood Speed and Safety Study - Community Feedback

- Would like truck signage on S 124<sup>th</sup> St. for exiting the neighborhood.
- Consultants and City staff need to be in the neighborhood to observe patterns, see things happen, etc.
- Speed cushions on 42<sup>nd</sup> Ave S are desired.
- 3-way stop at East Marginal Way S and S 115<sup>th</sup> St. is desired by numerous people.
- The crossing at 42<sup>nd</sup> Ave S and S 119<sup>th</sup> St., by the pedestrian bridge, has had some near misses with kids. This is used often by individuals including kids. RRFB and speed cushion near this location are recommended.
- A small curve sidewalk in front of Allentown Superette convenience store business at the S 124<sup>th</sup> St. & 42<sup>nd</sup> Ave S 3-way stop section.
- Looking up Allentown Puget Sound Clean air energy due to the heavy number of trucks passing through the area.
- Sight line concerns at the SE corner of S 124<sup>th</sup> St and 46<sup>th</sup> Ave S.
- Various persons did not like the closing of S 125<sup>th</sup> St @ 50<sup>th</sup> Pl S.
- Due to the reroute, the truck traffic has been pushed to 50<sup>th</sup> Pl S. moving the speeding and noise issues from S 124<sup>th</sup> St. to 50<sup>th</sup> Pl.
- S 125<sup>th</sup> St. is not really a big cut through.
- Resident not interested in cushions on S 125<sup>th</sup> St.
- Another resident inquired about making S 125<sup>th</sup> St. a chicane roadway.
- Recommendation from resident to collect speed and data at open space locations.
- Place speed cushions at public open space areas.
- Generally, everyone excited about RRFBs at 44<sup>th</sup> Ave S and 46<sup>th</sup> Ave S and the improved crossing at S. 119<sup>th</sup> St. and 42<sup>nd</sup> Ave S.
- The park at 50<sup>th</sup> Pl. and the bridge is very well used in the summer, creating high pedestrian demand.
- Install 3-way stop at S 115<sup>th</sup> St. and East Marginal Way S., or add a signal
- Residents seems to be okay with left turn being restricted out of S. 125<sup>th</sup> St., but wanted to maintain left turns into S. 125<sup>th</sup> St.
- All attendees supported removing the slip lane at S 124<sup>th</sup> St. and 50<sup>th</sup> Pl.
- Improve the park access/shoulders/parking at the Duwamish hill park.
- Put a bollard on west side of S 119<sup>th</sup> St. pedestrian bridge, instead of switchbacks.
- Trucks on 50<sup>th</sup> Pl. create delays and access issues for residents that live on 50<sup>th</sup> Pl.
- Trucks on 50<sup>th</sup> Pl. vibrate the houses on 50<sup>th</sup> Pl.
- General feeling was the southbound direction bridge reopening was not the best.
- Many residents concerned about emergency vehicles getting into Allentown should an emergency require more than one engine.
- The fire station in Allentown is northern most station in city. They've been using East Marginal Way S. and Interurban to get south for a couple years and have not noticed a significant reduction in response time.
- Concern over the southbound direction was response time if a response required multiple engines and ladder truck they'd have to go to S 115<sup>th</sup> St. then back down 42<sup>nd</sup> Ave S to get there, making the route longer, and making the response time longer. With the age of the houses mixed in with the new construction and proximity to one another, a single house fire may likely spread quickly if the additional engines could not respond and get to the location fast enough.
- Northbound bridge access is best for southern station response time.

**Pedestrian and Bicycle Program Project Cost Estimate**  
**S 119th Street Raised Pedestrian Crossing with RRFB**

COST ESTIMATE SCOPING ITEMS	Total Quantity	Units	Unit Price	Unit Price x Quantity Total
<b>CONSTRUCTION COST ESTIMATE</b>				
CONSTRUCTION SURVEYING	1	LS	5000	5000
MOBILIZATION	1	LS	25000	25000
MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL INCLUDING FLAGGING	1	LS	10000	10000
CLEARING & GRUBBING	900	SF	5	4500
REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	LS	1500	1500
SAWCUT ASPHALT AND/OR CONCRETE, FULL DEPTH	120	LF	25	3000
COMMON EXCAVATION	100	CY	55	5500
PAVEMENT, HMA	25	TN	350	8750
PAVEMENT, CEMENT CONCRETE	25	CY	400	10000
PAVEMENT PATCH, TEMPORARY		TN		0
SPEED CUSHION OR OTHER GEOMETRIC TREATMENT (REPEAT AS NEEDED)		EA		0
CATCH BASIN	2	EA	1500	3000
PIPE, CB CONN, D.I., CL 50, 8 IN	10	LF	85	850
BEDDING, CL B, 8 IN PIPE	10	LF	125	1250
PIPE, PSD, D.I., CL 50, 12 IN		LF		0
CONSTRUCTION STORMWATER & EROSION CONTROL	1	LS	5000	5000
TREE, VEGETATION & SOIL PROTECTION	1	LS	5000	5000
CURB RAMPS, CEM CONC	2	LF	4500	9000
CURB AND GUTTER, CEM CONC	60	LF	45	2700
SIDEWALK, CEM CONC	125	SY	75	9375
DRIVEWAY, CEM CONC	10	SY	150	1500
SIGN, TRAFFIC	6	SF	500	3000
POST, TRAFFIC SIGN	6	EA	1000	6000
LUMMINAIRE/STREET LIGHT	1	EA	10000	10000
PAVEMENT MARKINGS, THERMOPLASTIC, 8 IN STRIPE	60	LF	12	720
PAVEMENT MARKINGS, THERMOPLASTIC, LEGEND/SYMBOL	2	EA	500	1000
BICYCLE PUSHBUTTON ASSEMBLY, ALL INCLUDED		EA		0
RAPID FLASHING BEACON SYSTEM OR OTHER TRAFFIC CONTROL (REPEAT AS NEEDED)	1	LS	10000	10000
<b>SUBTOTAL</b>				<b>141645</b>
Cost Estimate Subtotal				141645
Cost Estimate Contingency			30%	42493.5
Cost Estimate Grand Total (Construction)				184138.5
PE Design & Environmental (Between 10% and 30%)			30%	55241.55
ROW				
PE and ROW Subtotal				184138.5
Project Cost Estimate Total				239380.1

Acronyms  
 LS = LUMP SUM  
 SF = SQUARE FOOTAGE  
 CY = CONSTRUCTION YARD  
 TN = TON  
 EA = EACH  
 SY = SQUARE YARD