



City of Tukwila Transportation and Infrastructure Services Committee

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

Distribution: K. Kruller M. Abdi 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

MONDAY, MARCH 7, 2022 – 5:30 PM

HYBRID MEETING – ONSITE AND VIRTUAL

DUWAMISH CONFERENCE ROOM, 6300 BUILDING, 2ND 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 799017451#

Item	Recommended Action	Page
1. PRESENTATIONS		
2. BUSINESS AGENDA		
a) Macadam Rd S Water Upgrade & Sidewalk Improvements Project, Amendment #3 – (A. Altallal)	a) Forward to 3/21/22 Regular Consent Agenda	Pg. 1
b) 42nd Ave South Bridge Replacement Project RAISE Grant Application – (B. Robinson)	b) Committee approval	Pg. 7
c) Solid Waste Contract Status Update – (G. Lerner)	c) Discussion only	Pg. 11
3. MISCELLANEOUS		
Allentown Community Update – (Hari Ponnekanti)	Discussion only	Pg. 21
	Future Agenda:	

Next Scheduled Meeting: March 21, 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: **Adib Altallal, Utilities Engineer**
 CC: **Mayor Allan Ekberg**
 DATE: **March 4, 2022**
 SUBJECT: **Macadam Rd S. Water Upgrade Project- Design and Construction Mgmt**
Project No. 90440105
Contract No. 21-022, Amendment No. 3

ISSUE

Approve Amendment No. 3 for Contract No. 21-022 with PACE Engineers Inc. (PACE) for the Macadam Rd S. Water Upgrade. Amendment No. 3 includes a fulltime inspector for the duration of the project.

BACKGROUND

In 2015, the City contracted with PACE as the design consultant for the Macadam Rd S. Water Upgrade Project, along with the Andover Park E Water & Sewer Improvements under Contract No. 15-116. In 2017, the design was put on hold due to construction cost estimates coming in higher than proposed in the 2019-2024 Capital Improvement Program. Due to limited fire flow issues, the project design contract was renewed and the project budget allocated was increased. This project addresses the need for additional capacity and the decision was made to change to a 12-inch pipe after two fires had erupted during Summer 2021 along the Macadam Road S waterline. The 12-inch pipe size will create plenty of redundant capacity and fire storage to minimize liability.

In February 2021, Council approved a new project design contract with PACE Engineers. Previous amendments increased design costs, added construction management costs, and included public outreach.

DISCUSSION

The project has been repeatedly prioritized as a critical Capital Improvement Program project by the Water Department. Due to staff shortage, construction management will need to be contracted out instead of completed in-house. Amendment No. 3 includes a fulltime inspector for the duration of the project.

FINANCIAL IMPACT

The contract amendment is for \$150,062.40, which will bring the contract total to \$292,001.56 for the design and construction management services portion of the Macadam Rd S Water Upgrade. The project costs are within budget and are 100% funded by the water enterprise fund.

	<u>PACE Contract</u>	<u>2021-2023 Design/CM Budget</u>
Original Contract	\$77,339.16	\$800,000.00
Amendment No. 1	27,600.00	
Amendment No. 2	37,000.00	
Amendment No. 3	<u>150,062.40</u>	
Total	<u>\$292,001.56</u>	

RECOMMENDATION

Council is being asked to approve a supplemental agreement for design and construction management services with PACE in the amount of \$150,062.40 for the Macadam Rd S Water Upgrade Project and consider this item on the Consent Agenda at the March 21, 2022 Regular Council Meeting.

Attachments: 2021 CIP, Page 61
PACE Supplemental Agreement No. 3

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: Macadam Rd S Water Upgrade

Project No. 90440105

DESCRIPTION: Design and construct 4,300 LF of 10" waterline in Macadam Rd S from S 144th St to Southcenter Blvd.

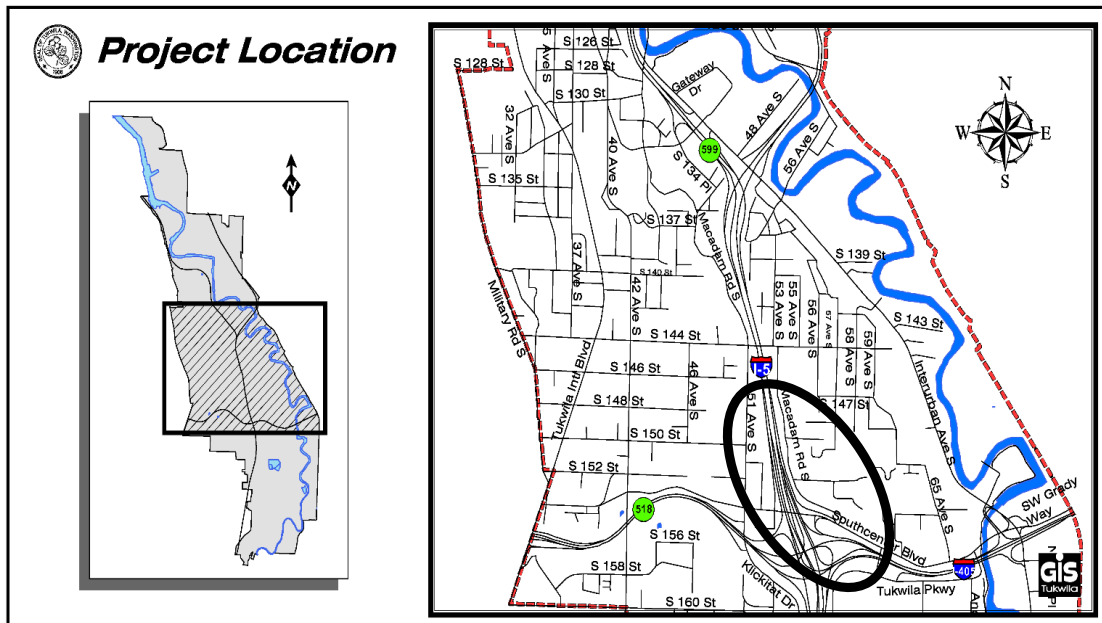
JUSTIFICATION: Improve fire flow water quality to the north side of Tukwila Hill.

STATUS: Project now scheduled for 2021/2022.

MAINT. IMPACT: The new waterline will eliminate maintenance time for flushing the dead end line while increasing service reliability.

COMMENT: Pedestrian/Bicycle Program grant for sidewalks unsuccessful in 2018, with water funds used as a match.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
EXPENSES										
Design	68		100	50	50					268
Land (R/W)										0
Const. Mgmt.			250	50	300					600
Construction			300	300	950					1,550
TOTAL EXPENSES	68	0	650	400	1,300	0	0	0	0	2,418
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	68	0	650	400	1,300	0	0	0	0	2,418
TOTAL SOURCES	68	0	650	400	1,300	0	0	0	0	2,418





City of Tukwila

6200 Southcenter Boulevard, Tukwila WA 98188

Agreement Number: 21-022 (c)

CONTRACT FOR SERVICES

Amendment #3

Between the City of Tukwila and PACE Engineers

That portion of Contract No. 21-022 between the City of Tukwila and PACE Engineers is hereby amended as follows:

Section 04a:

4a. Payment for the work provided by the Consultant shall be made as provided on Exhibit "B" attached hereto, will increase the contract amount by \$150,000.00, provided that the total amount of payment to the Consultant not exceed \$291,939.16 without express written modification of the Agreement signed by the City.

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

Dated this _____ day of _____, 2022.

CITY OF TUKWILA

PACE ENGINEERS

Allan Ekberg, Mayor

Kenneth H. Nilsen
Printed Name: KENNETH H. NILSEN

ATTEST/AUTHENTICATED

APPROVED AS TO FORM

Christy O'Flaherty, MMC, City Clerk

Office of the City Attorney



January 25, 2022

Mr. Adib Altallal
Public Works
City of Tukwila
6300 Southcenter Blvd
Tukwila, Washington 98188

Subject: *Macadam Road and Sidewalk Improvements- Professional Services Contract Amendment for Construction Inspection*

Dear Adib:

Based on our prior discussions, PACE Engineers Inc. (PACE) is submitting the following contract amendment for City review and approval, to provide full time construction inspection for the Macadam Road Watermain and Sidewalk Improvement Project. This amendment covers costs necessary to provide full time inspection services including necessary support staff as described below.

Construction Inspection

PACE will provide a full-time inspector for this project as requested by the City. Duties include but are not limited to:

- Onsite Inspection
- Coordination with Contractor
- Coordination with City
- Tracking of Quantities
- Pay Requests
- Project Closeout
- Other Tasks as needed.

Previously approved scope and budget included responding to RFI's, review of Material Submittals and attendance at the preconstruction meeting. This contract does not include any required special inspections such as compaction testing which will be provided by the City under a separate contract.

PACE proposes to provide the services listed above on a time-and-expense basis not to exceed **\$150,000**. The breakdown for the above fee is shown on the attached budget worksheet. This amount shall not to be exceeded without prior authorization from the City.

Again, we are pleased to submit this updated scope of work and budget to support the Macadam Road Watermain and Sidewalk Improvement project through construction bidding. Please do not hesitate to contact me at 425.827.2014 or kenn@paceengrs.com if you have any comments or questions.

Sincerely,

PACE Engineers, Inc.

Kenneth H. Nilsen, P.E.
Executive Vice President

PACE Engineers

Project Budget Worksheet - 2022 Washington EOR Rates

Project Name: **Macadam Road Inspection Support** Location: **Tukwila** Prepared By: **KN**
 Project #: Billing Group #: Task #: Date: **1/24/2022**

Staff Type # (See Labor Rates Table)	Staff Type Hourly Rate	Labor Hours by Classification										Hour Total	Dollar	Total
		1	15	81	91									
Drawing/Task Title	Labor Code	Sr. Principal Engineer	Sr. Engineer	Sr. Inspector	Project Administrator									
Task 1 - Inspection Support														
Full time inspection assume 90 days (10 hr days)				900									900.0	\$135,000
Project Initiation				8									8.0	\$1,200
Project Closeout				8									8.0	\$1,200
Coordination		12	24		24								60.0	\$9,720
Hours Total		12.0	24.0	916.0	24.0								976.0	\$147,120.00
Labor Total		\$3,000	\$3,960	\$137,400	\$2,760									

Expenses	rate/unit	Reimbursable	
		Quantity	Cost
Postage/Courier			
Printing Costs			
Photo/Video			
Mileage/Travel/Per Diem			
Miscellaneous			\$2,942.40
Total			\$2,942.40

Subconsultants	
Utility Locate	
Mechanical Engineer	
Electrical Engineer	
Geotechnical Engineer	
I & C Engineer	
Subconsultant Subtotal	
Markup	15%
Total	

PACE Billed Labor Total	\$147,120.00
Reimbursable Expenses	\$2,942.40
Subconsultants	
Total Project Budget	\$150,062.40



INFORMATIONAL MEMORANDUM

TO: **Transportation & Infrastructure Services Committee**
FROM: **Hari Ponnekanti, Public Works Director/City Engineer**
BY: **Brittany Robinson, Public Works Grant Analyst**
CC: **Mayor Allan Ekberg**
DATE: **March 4, 2022**
SUBJECT: **42nd Ave South Bridge Replacement Project**
Project No. 91810404
RAISE Grant Application

ISSUE

Approval to submit an application to the Rebuilding American Infrastructure with Sustainability & Equity (RAISE) grant program for the 42nd Ave S Bridge Replacement Project in the amount of \$8,429,000.

BACKGROUND

The 42nd Ave S Bridge is a critical link to the Allentown neighborhood and is the primary access route in and out of the BNSF intermodal yard. The replacement of this structure is a high priority for the City; however, grant funding is needed to complete this project. The City applied for state funding to replace the bridge in 2017 and 2019 through federally supported grants programs, but was unsuccessful in these requests. In 2020, the City approved \$1.078 million in funding to begin the 30% design for the 42nd Ave S Bridge Replacement. The City has an additional \$2.942 million in Solid Waste Utility Tax budgeted for this project.

In 2021, the City received \$1.5 million in federal funding from the Puget Sound Regional Council (PSRC) to complete the design phase and \$12 million from the Washington State Department of Transportation (WSDOT) Local Bridge Program, which can support all phases of the 42nd Ave S Bridge replacement.

The 42nd Ave S Bridge Replacement Project is estimated to be approximately \$4-9 million short of being fully funded, depending on which bridge replacement option is selected. The City continues to apply for local, state, and federal funding opportunities to fill this funding gap.

DISCUSSION

On February 1, 2022, the United State Department of Transportation (USDOT) opened their call for project for RAISE grant funding. The RAISE program is a federal funding source that supports road, rail, transit, and port infrastructure projects that have local and regional impacts. The deadline to apply for funding is April 14, 2022.

FINANCIAL IMPACT

The City is requesting \$8,429,000 from the RASIE grant to fund the remaining anticipated expenses of the 42nd Ave S Bridge project. This grant requires a 20% local City match of \$2,107,250. The match would be covered by the Solid Waste Utility Tax budgeted for this project.

Fund Source	Revenue
RAISE Grant	\$ 8,429,000
City Revenue	1,087,000
Solid Waste Tax	2,942,000
PSRC Grant	1,500,000
WSDOT Grant	12,000,000
Project Total*	\$ 25,958,000

Project Phase	Cost Estimate
Design	\$3,700,000
Right of Way	200,000
Construction Mgmt.	3,058,000
Construction	19,000,000
Project Total*	\$ 25,958,000

*Total project costs are based on the most expensive bridge replacement option. This is reflected on the revised CIP page.

RECOMMENDATION

The Transportation and Infrastructure Services Committee is being asked to approve a grant submittal for the Rebuilding American Infrastructure with Sustainability & Equity (RAISE) grant application for the 42nd Ave S Bridge Replacement Project.

ATTACHMENT: 2021 CIP Page 9 (Revised)
2021 CIP Page 9

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: 42nd Ave S Bridge Replacement

Project No. 91810404

DESCRIPTION: Design and construct a replacement structure for the existing 42nd Ave S Bridge near the Tukwila Community Center. Council approved 30% design with City funding of \$1M in 2020, remaining scheduled in 2022.

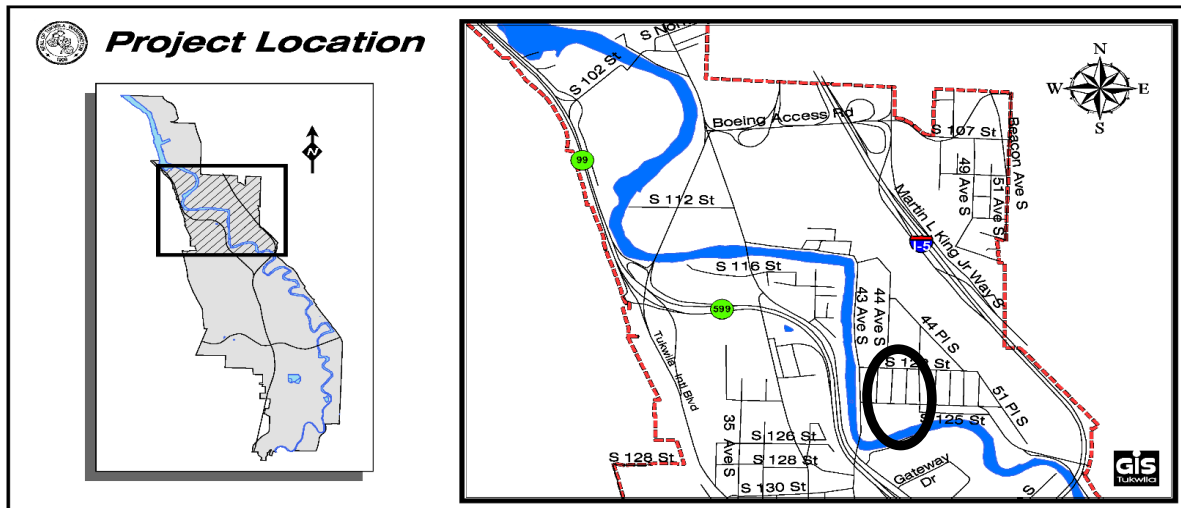
JUSTIFICATION: The current bridge has a sufficiency rating of 7.6 (out of 100), is load restricted for AASHTO Type 3 trucks and is structurally deficient. Truck speed was reduced to 15 mph in 2018.

STATUS: In 2017 and 2019, Bridge Replacement Advisory Committee (BRAC) funding was submitted, but not awarded. Staff will apply for future BRAC funding during the next call. Applying for STP funding in 2020 for \$1.5m for design.

MAINT. IMPACT: New bridge.

COMMENT: STP funding has 13.5% match requirement. BRAC funding would be at 80% match for up to \$12 million. Project partners may include FMSIB & BNSF Railroad as they have over 1,800 trips a day on the 42nd Ave S Bridge and it is the only ingress/egress available for their intermodal yard. Also State TIB for \$3M.

FINANCIAL (in \$000's)	Through		Estimated							TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
EXPENSES										
Design	19	200	878	248	2,355					3,700
Land (R/W)					200					200
Const. Mgmt.					288	1,380	1,390			3,058
Construction						9,500	9,500			19,000
TOTAL EXPENSES	19	200	878	248	2,843	10,880	10,890	0	0	25,958
FUND SOURCES										
Awarded PSRC Grant				248	1,252					1,500
Awarded WSDOT Grant					302	5,698	6,000			12,000
Proposed Grants						5,000	3,429			8,429
Solid Waste Utility Tax			650	700	700	710	720	549		4,029
City Oper. Revenue	19	200	228	(700)	589	(528)	741	(549)	0	0
TOTAL SOURCES	19	200	878	0	1,289	10,880	10,890	0	0	25,958



CITY OF TUKWILA CAPITAL PROJECT SUMMARY

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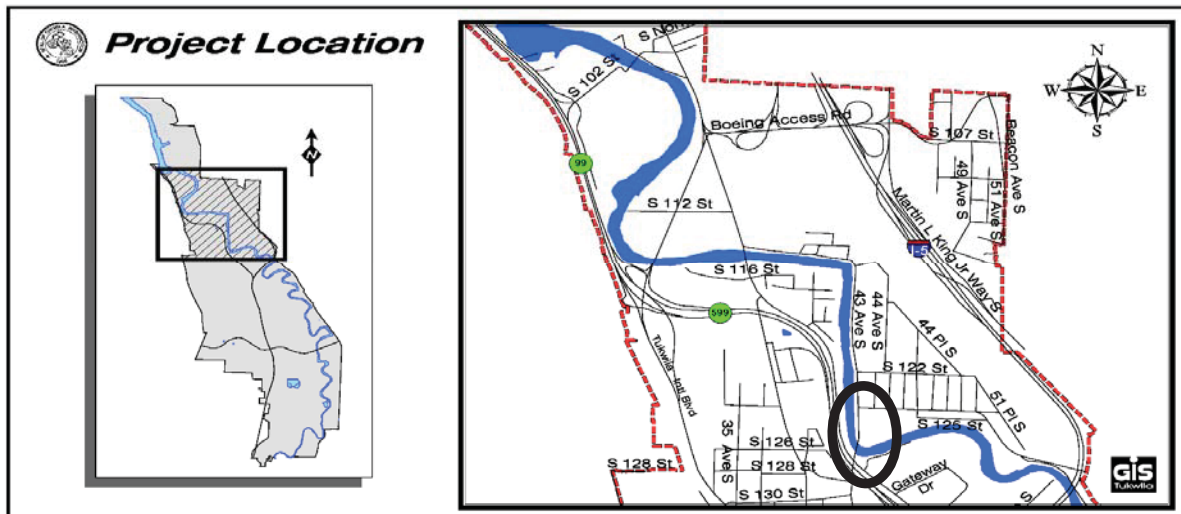
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FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
EXPENSES										
Design	19	200	878		1,252					2,349
Land (R/W)					30					30
Const. Mgmt.					250	1,650	1,650			3,550
Construction						7,800	7,800			15,600
TOTAL EXPENSES	19	200	878	0	1,532	9,450	9,450	0	0	21,529
FUND SOURCES										
Awarded Grant										0
Proposed BRAC Grant						6,000	6,000			12,000
Proposed STP Grant						1,000	1,000			2,000
Proposed TIB						1,500	1,500			3,000
Proposed FMSIB							500			500
Solid Waste Utility Tax			650	700	700	710	720	549		4,029
City Oper. Revenue	19	200	228	(700)	832	240	(270)	(549)	0	0
TOTAL SOURCES	19	200	878	0	1,532	9,450	9,450	0	0	21,529





INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Services Committee
FROM: Hari Ponnekanti, Public Works Director/City Engineer
By: Griffin Lerner, Public Works Budget Analyst
CC: Mayor Allan Ekberg
DATE: March 4, 2022
SUBJECT: Solid Waste Contract Status Update
Contract No. 12-027

ISSUE

The City’s contract with Waste Management (WM) expires on October 31, 2023. The City is now undergoing a request for proposals (RFP) process to ensure a smooth transition.

DISCUSSION:

Since the last update on January 18th, staff have incorporated industry review comments and resident feedback, and released the RFP, with final proposals due April 18. Based on resident feedback from the survey, staff included the following (and more) in the RFP:

- enhanced language around operational reliability
a cost estimate for weekly recycling
performance measures for customer service

PROCESS SCHEDULE (All times Pacific Time)

Table with 2 columns: Event, Time Frame. Rows include Staff/Legal Review of Industry Review RFP and Contract (Nov 2021), Release Industry Review draft (Dec 10, 2021), Release Resident Survey (Dec 27, 2021), Industry Review comments due (Jan 4, 2022), Resident Survey due (Jan 14, 2022), Release Final RFP to Known Interested Parties (Feb 7, 2022), First Round Proposer Questions Due (Mar 7, 2022 3:00 PM PST), Second Round Proposer Questions Due (Mar 28, 2022 3:00 PM PDT), Proposals Due (Apr 18, 2022 5:00 PM PDT), Proposal Evaluation, Interviews, Clarifications, Selection (Apr/May, 2022), Finalization of Contract (May/June, 2022), Recommendation to City Council, Council Process (June, 2022), City Executes Contract (July, 2022), Contractor Delivers Transition/Implementation Plan (September, 2022), Container Delivery (October, 2023), Start of Collection Services (November 1, 2023).

FINANCIAL IMPACT

There is no financial impact since the selected vendor will reimburse the procurement costs at the end of this process. While there will be no financial impact to the city, staff expects that future rates (monthly user fees) will increase substantially.

RECOMMEDATION

Discussion only.

Attachment: Solid Waste Survey Analysis

SOLID WASTE RFP SURVEY ANALYSIS

Griffin Lerner, Public Works Analyst

OVERVIEW

As a part of the RFP process, city staff created and administered an online survey to assess resident priorities in the next solid waste contract.

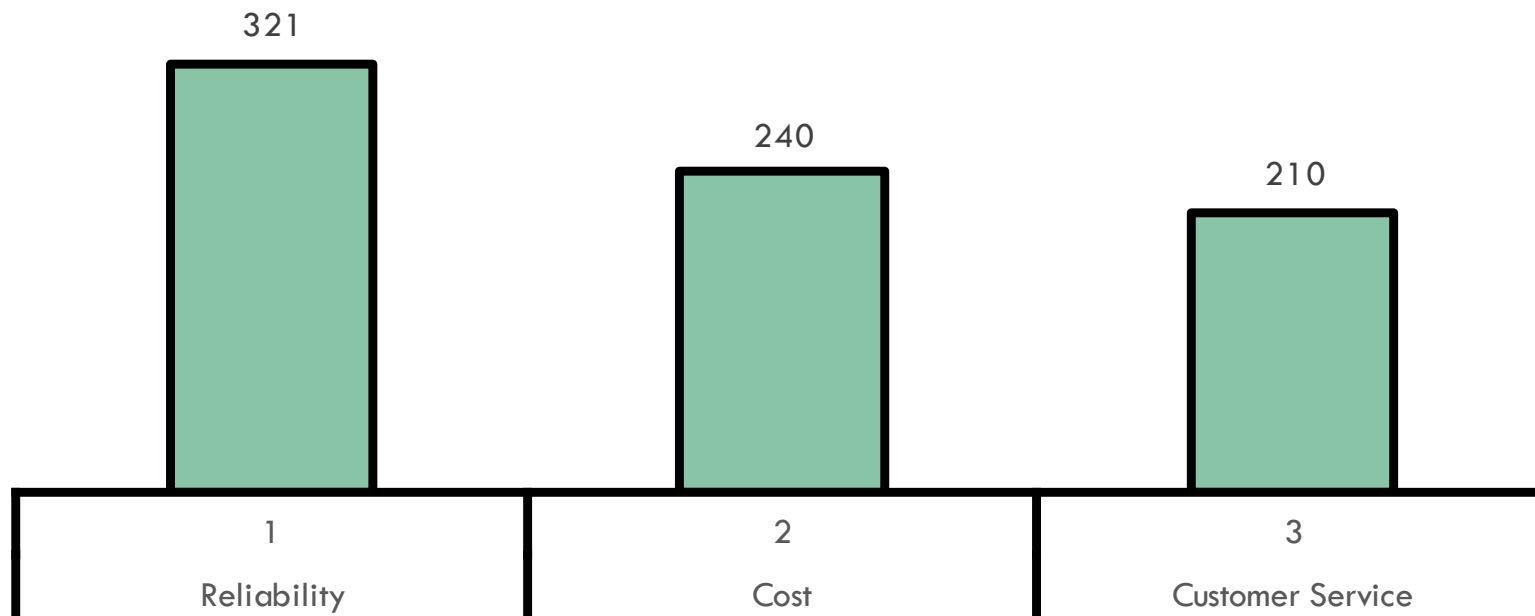
Open for three weeks, from December 27 – January 14

Received 112 responses from nearly every neighborhood in Tukwila

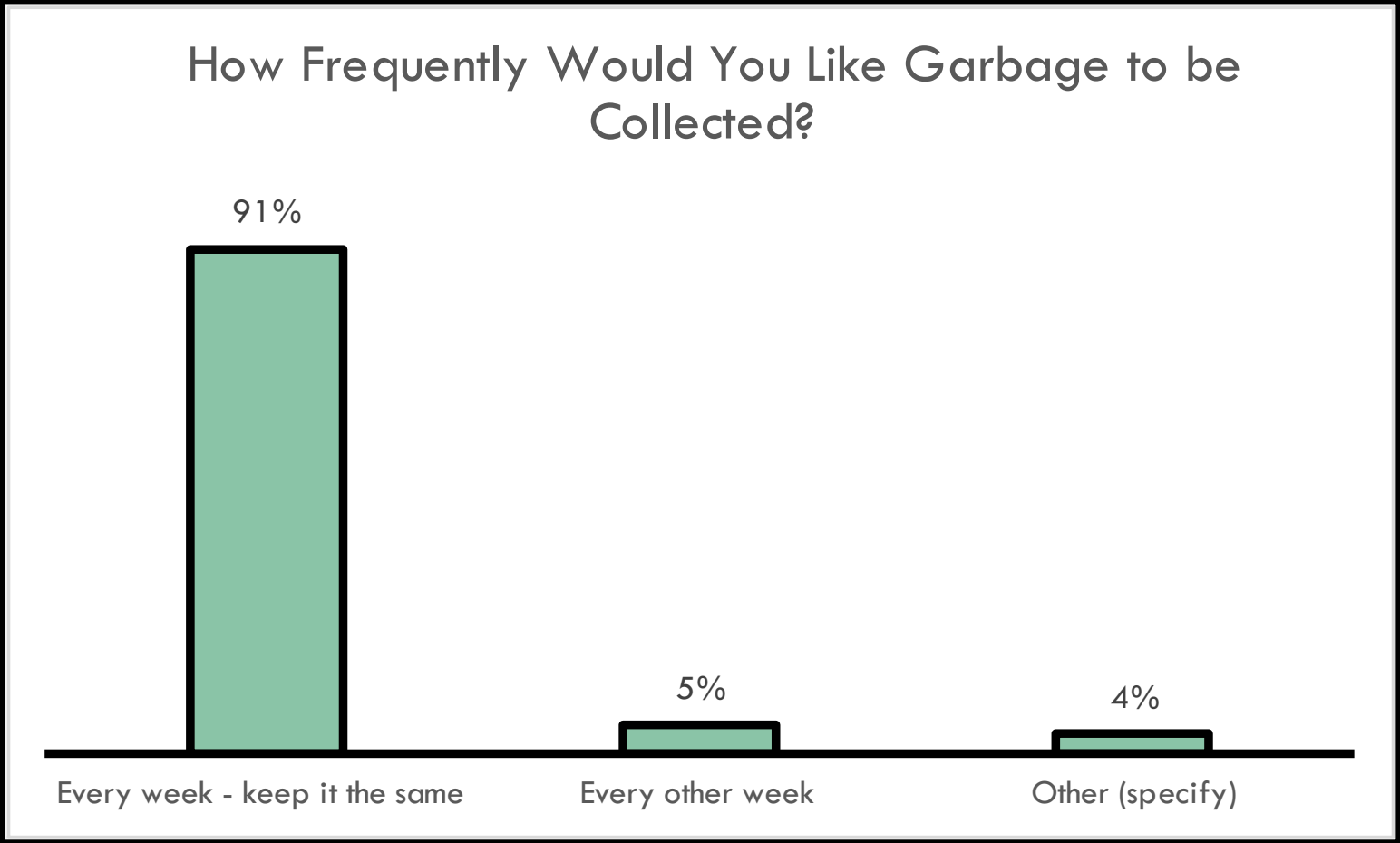
Survey measured priorities for *next* contract; it is not a reflection of current service

RELIABILITY IS A KEY PRIORITY FOR RESIDENTS

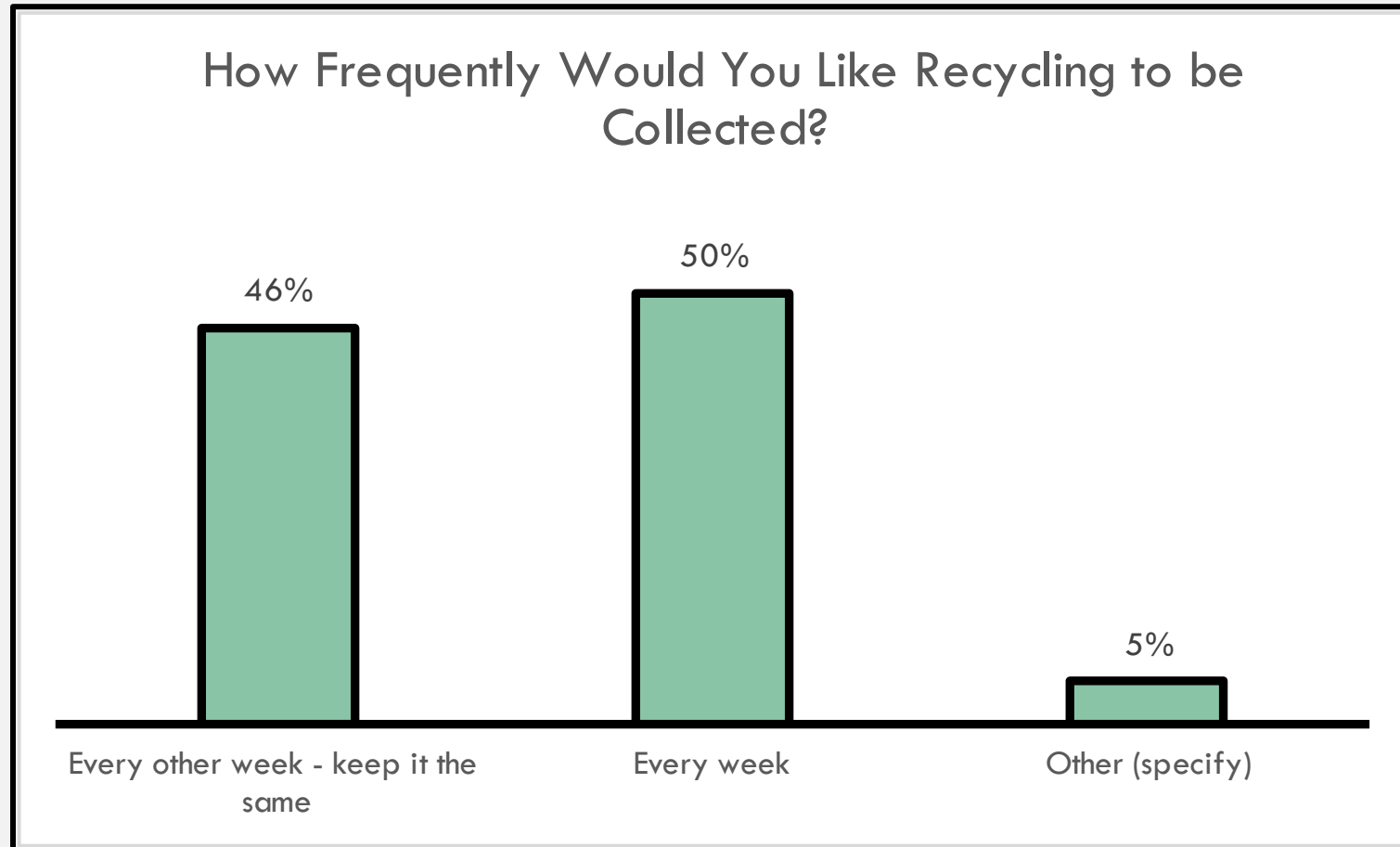
Weighted Importance of Priorities in Solid Waste Provider



RESIDENTS PREFER THE STATUS QUO IN GARBAGE COLLECTION

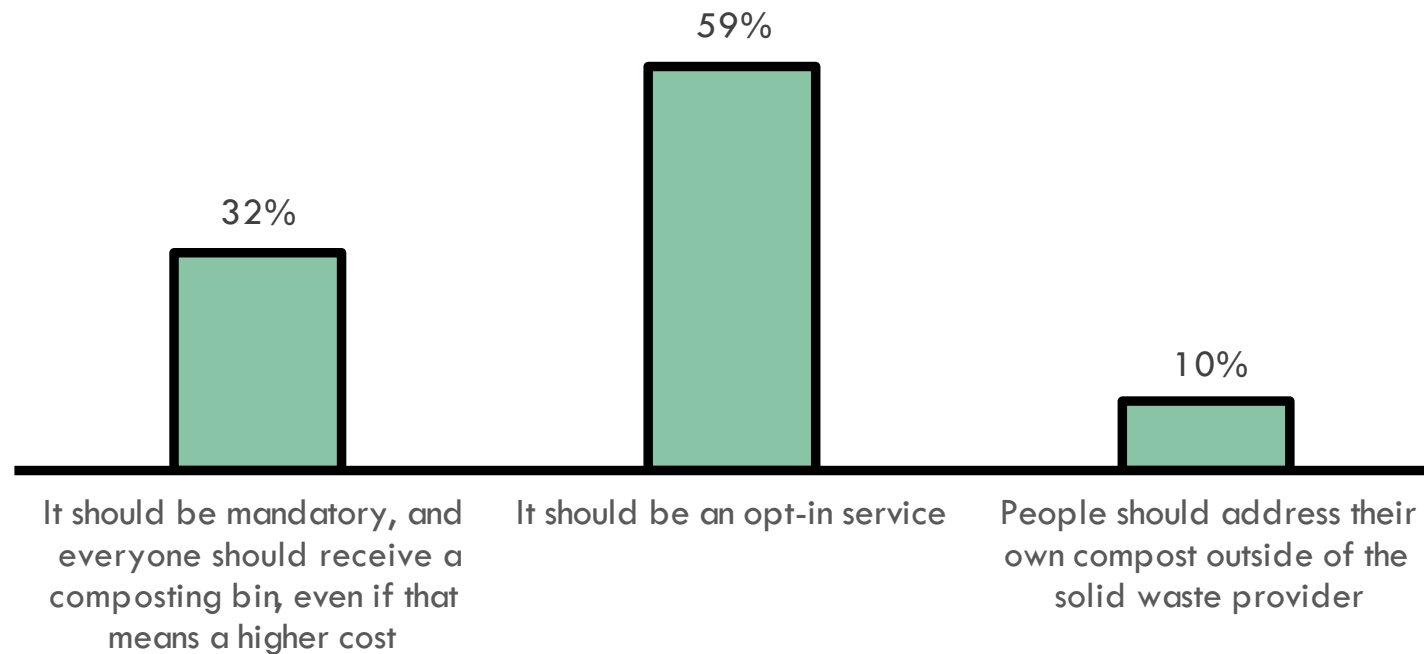


RESIDENTS EXPRESSED INTEREST IN MORE FREQUENT RECYCLING



RESIDENTS FEEL COMPOSTING SHOULD REMAIN AN OPT-IN SERVICE

How Should Composting Incorporated into the Solid Waste Contract?



OTHER INSIGHTS

Importance of
customer
education

Need for bulky
item pick-up/drop-
off

Interest in options
for difficult to
recycle items

RESIDENT PRIORITIES WILL BE REFLECTED
IN THE NEXT CONTRACT

What We Heard



What We Did

Reliability is important



Incorporated enhanced language around monitoring operational performance

Interest in more frequent recycling



Requested a cost estimate for weekly recycling

Customer service should be responsive to needs



Added performance measures for customer service

Allentown Questions & Answers Working Document				
	Date of Question	Question/Comment	Answer to Question/Comment	Action/Action Date
1.	1/18 TISC Meeting	Provide information on traffic enforcement in Allentown, including emphasis patrols, warnings, tickets, and congestion mitigation.	Police Chief Drever provided a written response that was shared with the City Council and community.	Emailed to Council 1/21 and to residents 2/10
2.	1/18 TISC Meeting	Provide BNSF vendor brochure regarding emergency routes.	Emailed to Council	Emailed to Council 1/21
3.	1/18 TISC Meeting	Engage with community prior to painting barriers at S. 124 th intersection.	This discussion is planned for a future Allentown Community meeting.	
4.	1/18 TISC Meeting	Make December bridge closure traffic (crash/speed) data available to the public.	There were four reported vehicle accidents between 12/15 – 1/18, although the relationship to the bridge closure is unknown. No speeding tickets were issued during that period.	
5.	1/18 TISC Meeting	Provide history of the placement of the jersey barriers in the Foster Point neighborhood.	Information about this was located in City Council minutes from 1998 and emailed to Council.	Emailed to Council 1/21
6.	1/24 Committee of the Whole	Are laws in place regarding hazmat materials driven through a residential area?	Hazmat materials can be transported through residential areas. Please see the https://www.fmcsa.dot.gov/regulations/hazardous-materials/how-comply-federal-hazardous-materials-regulations .	
7.	1/24 Committee of the Whole	How can the City effectively regulate restrictions on bridge?	Enforcement is through the local police department.	

8.	1/24 Committee of the Whole	Can short term traffic calming solutions be put into place? (Signs, speed cushions, etc). Include partners when possible.	Public Works is in the process of doing an evaluation of traffic on all Allentown streets to determine what types of traffic calming measures will be most effective. This item will be brought to the 3/21 Transportation & Infrastructure Services Committee meeting.	
9.	1/24 Committee of the Whole	How much has the city spent on past EIS studies?	No EIS studies have been completed regarding the truck reroute in the past.	
10.	1/24 Committee of the Whole	Are we actively engaged with partners/stakeholder? How can we go further to partner toward solutions?	The City is actively engaging with residents, local businesses (including BNSF), state representatives, and other stakeholders regarding the truck traffic through Allentown. Our goal is to find a solution that will be beneficial for all parties.	
11.	2/7 Regular Meeting	Provide update on outcomes of recent increased truck traffic enforcement in Allentown	Chief Drever will be present at 3/7 TIS meeting to address this question.	
12.	2/7 Regular Meeting	Provide update on outcomes of recent meeting with Sheriff's Office, WSDOT, etc.	Chief Drever will be present at 3/7 TIS meeting to address this question.	
13.	2/14 Committee of the Whole	TS&L 42 nd Ave S Bridge Replacement Options- Develop a chart with cost, timeframe to build, lifespan, which design is easiest to maintain, which design is most function for traffic patterns, and a mock-up illustrating what each option will look like.	Staff is working on this and will bring a response to the TISC meeting on 3/7.	
14.	2/14 Committee of the Whole	Does the city need to purchase property for the 124 th option?	Staff is working on this and will bring more a response to the TISC meeting on 3/7.	

15.	2/14 Committee of the Whole	Gather feedback from large group of residents on bridge replacement options.	Staff is working on this and will bring more information to the TISC meeting on 3/7. At the 2/22/22 Allentown community meeting residents were very vocal in support of the 42 nd Ave. alignment and strongly against the 124 th Ave. alignment.	
16.	2/14 Committee of the Whole	Would a new bridge on 124 th have good traffic flow? Is there a good way to slow trucks on 124 th ?	Staff is working on this and will bring a response to the TISC meeting on 3/7.	
17.	2/14 Committee of the Whole	What are the social impacts of the new bridge on either 42 nd Ave S or 124 th Street on the community?	Staff is working on this and will bring a response to the TISC meeting on 3/7.	
18.	2/14 Committee of the Whole	Can the city legally do anything to limit truck traffic on the new bridge? Is there a way to create an ordinance to reroute trucks outside of Allentown?	Staff is working on this and will bring a response to the TISC meeting on 3/7.	