



## INFORMATIONAL MEMORANDUM

TO: **Transportation & Infrastructure Services Committee**  
 FROM: **Hari Ponnekanti, Public Works Director/City Engineer**  
 BY: **David Baus, Public Works Transportation Project Manager**  
 CC: **Mayor Ekberg**  
 DATE: **October 13, 2023**  
 SUBJECT: **2024 Annual Overlay Program - Engineering Services Contract**  
**Project No. 82410401**  
**Design Consultant Selection and Agreement**

### ISSUE

Execute a contract with KPG Psomas, Inc. (KPG) to provide design services for the 2024 Overlay and Repair Program.

### BACKGROUND

Every year, Public Works issues a construction project to grind and overlay several blocks of roadways in the City of Tukwila. The annual overlay program is intended to preserve and maintain the street structure in a safe and useable state by resurfacing before failure, which also minimizes costs. Before work can commence, an engineer of record is required to prepare, design, and manage construction of the project. KPG provides a unique blend of knowledge and understanding of the City’s overlay program that provides efficiency and benefits which cannot be matched at this time by any other firm. KPG has also performed very well in providing construction management services.

### DISCUSSION

KPG has provided a contract, scope of work, and fee estimate to complete the design of the 2024 Overlay and Repair Program and advertise for construction bids. Preliminary locations for 2024 Overlay are shown on the attached vicinity map.

The final selections will be made after the design cost estimates have been completed. Specific roadway segments are based on several factors, including but not limited to, Pavement Condition Index which accounts for the condition of the pavement surface distress, roughness, and structural conditions, community complaints, and street classification. Roadways that do not make it into the 2024 program will be designed to a minimum of 30% design. Roadways not fully designed may be transferred to the 2025 program if they are not constructed this year.

### FINANCIAL IMPACT

	<u>KPG Contract</u>	<u>Budget</u>
2024 Design Contract	\$149,383.03	\$150,000.00

### RECOMMENDATION

Council is being asked to approve a new contract for KPG on the 2024 Annual Overlay Program in the amount of \$149,383.03 and consider this item on Consent Agenda at the October 23, 2023 Special Council Meeting.

**ATTACHMENTS:** 2024 CIP page 12  
KPG 2024 Overlay Consultant Contract  
2024 Overlay Segments Map

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2023 to 2028

**PROJECT:** Annual Overlay and Repair Program

Project No. 80010401

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

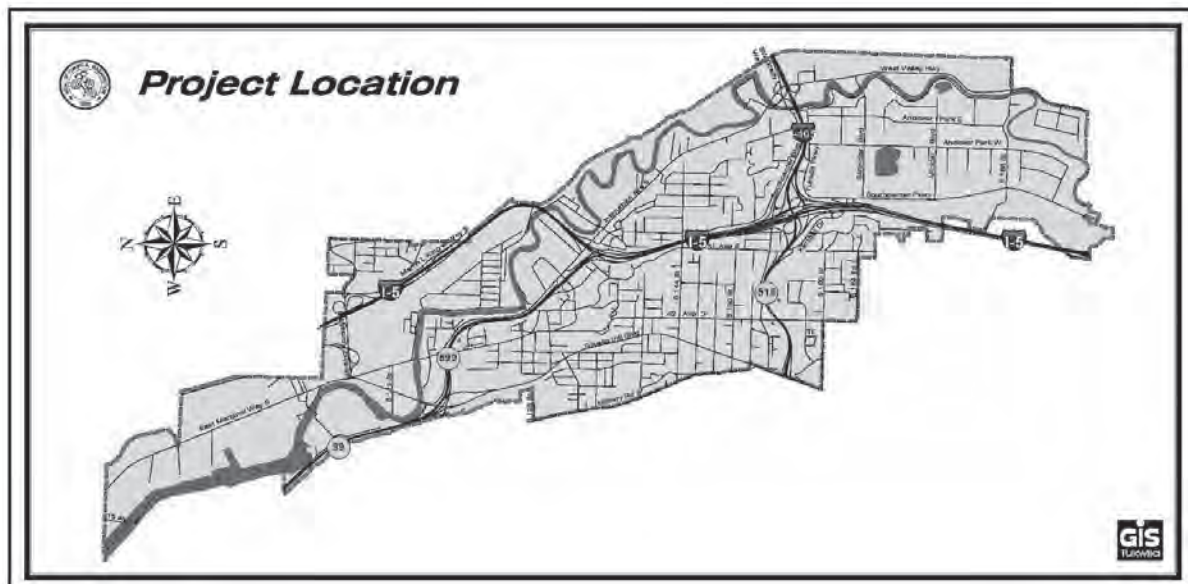
**JUSTIFICATION:** Preserve and maintain the street structure in a safe and useable state by resurfacing before failure which also minimizes costs. Some individual sites may be coordinated with water, sewer, and surface water projects.

**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									
	2021	2022	2023	2024	2025	2026	2027	2028	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	316	150	150	150	150	150	150	150	150	1,516
Land (R/W)										0
Const. Mgmt.	43	200	200	200	200	200	200	200	200	1,643
Construction	970	1,050	1,050	1,050	1,050	1,050	1,150	1,150	1,300	9,820
<b>TOTAL EXPENSES</b>	<b>1,329</b>	<b>1,400</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>12,979</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Solid Waste Utility Tax	1,329	1,400	1,400	1,400	1,400	1,400	1,500	1,500	1,650	12,979
<b>TOTAL SOURCES</b>	<b>1,329</b>	<b>1,400</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>12,979</b>





**PROFESSIONAL SERVICES AGREEMENT**

*(Includes consultants, architects, engineers, accountants, and other professional services)*

**THIS AGREEMENT** is entered into between the City of Tukwila, Washington, hereinafter referred to as “the City”, and **KPG Psomas Inc.**, hereinafter referred to as “the Consultant”, in consideration of the mutual benefits, terms, and conditions hereinafter specified.

1. **Project Designation.** The Consultant is retained by the City to perform **Design services** in connection with the project titled **2024 Overlay Program.**
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, 2024**, 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, 2024** unless an extension of such time is granted in writing by the City.
4. **Payment.** The Consultant shall be paid by the City for completed work and for services rendered under this Agreement as follows:
  - A. Payment for the work provided by the Consultant shall be made as provided on Exhibit “B” attached hereto, provided that the total amount of payment to the Consultant shall not exceed **\$149,383.03** without express written modification of the Agreement signed by the City.
  - B. The Consultant may submit vouchers to the City once per month during the progress of the work for partial payment for that portion of the project completed to date. Such vouchers will be checked by the City and, upon approval thereof, payment shall be made to the Consultant in the amount approved.
  - C. Final payment of any balance due the Consultant of the total contract price earned will be made promptly upon its ascertainment and verification by the City after the completion of the work under this Agreement and its acceptance by the City.
  - D. Payment as provided in this section shall be full compensation for work performed, services rendered, and for all materials, supplies, equipment and incidentals necessary to complete the work.
  - E. The Consultant’s records and accounts pertaining to this Agreement are to be kept available for inspection by representatives of the City and the state of Washington for a period of three (3) years after final payments. Copies shall be made available upon request.

5. **Ownership and Use of Documents.** All documents, drawings, specifications and other materials produced by the Consultant in connection with the services rendered under this Agreement shall be the property of the City whether the project for which they are made is executed or not. The Consultant shall be permitted to retain copies, including reproducible copies, of drawings and specifications for information, reference and use in connection with the Consultant's endeavors. The Consultant shall not be responsible for any use of the said documents, drawings, specifications or other materials by the City on any project other than the project specified in this Agreement.
6. **Compliance with Laws.** The Consultant shall, in performing the services contemplated by this Agreement, faithfully observe and comply with all federal, state, and local laws, ordinances and regulations, applicable to the services rendered under this Agreement.
7. **Indemnification.** The Consultant shall defend, indemnify and hold the City, its officers, officials, employees and volunteers harmless from any and all claims, injuries, damages, losses or suits including attorney fees, arising out of or resulting from the acts, errors or omissions of the Consultant in performance of this Agreement, except for injuries and damages caused by the sole negligence of the City.

Should a court of competent jurisdiction determine that this Agreement is subject to RCW 4.24.115, then, in the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of the Consultant and the City, its officers, officials, employees, and volunteers, the Consultant's liability hereunder shall be only to the extent of the Consultant's negligence. It is further specifically and expressly understood that the indemnification provided herein constitutes the Consultant's waiver of immunity under Industrial Insurance, Title 51 RCW, solely for the purposes of this indemnification. This waiver has been mutually negotiated by the parties. The provisions of this section shall survive the expiration or termination of this Agreement.

8. **Insurance.** The Consultant shall procure and maintain for the duration of the Agreement, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees. Consultant's maintenance of insurance as required by the agreement shall not be construed to limit the liability of the Consultant to the coverage provided by such insurance, or otherwise limit the City's recourse to any remedy available at law or in equity.

A. **Minimum Amounts and Scope of Insurance.** Consultant shall obtain insurance of the types and with the limits described below:

1. **Automobile Liability** insurance with a minimum combined single limit for bodily injury and property damage of \$1,000,000 per accident. Automobile Liability insurance shall cover all owned, non-owned, hired and leased vehicles. Coverage shall be written on Insurance Services Office (ISO) form CA 00 01 or a substitute form providing equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage.
2. **Commercial General Liability** insurance with limits no less than \$2,000,000 each occurrence, \$2,000,000 general aggregate. Commercial General Liability insurance shall be at least as broad as ISO occurrence form CG 00 01 and shall cover liability arising from premises, operations, stop-gap independent contractors and personal injury and advertising injury. The City shall be named as an additional insured under the Consultant's Commercial General Liability insurance policy with respect to the work performed for the City using an additional insured endorsement at least as broad as ISO endorsement form CG 20 26.
3. **Workers' Compensation** coverage as required by the Industrial Insurance laws of the State of Washington.

4. Professional Liability with limits no less than \$2,000,000 per claim and \$2,000,000 policy aggregate limit. Professional Liability insurance shall be appropriate to the Consultant's profession.
- B. **Public Entity Full Availability of Contractor Limits.** If the Contractor maintains higher insurance limits than the minimums shown above, the Public Entity shall be insured for the full available limits of Commercial General and Excess or Umbrella liability maintained by the Contractor, irrespective of whether such limits maintained by the Contractor are greater than those required by this Contract or whether any certificate of insurance furnished to the Public Entity evidences limits of liability lower than those maintained by the Contractor.
- C. **Other Insurance Provision.** The Consultant's Automobile Liability and Commercial General Liability insurance policies are to contain, or be endorsed to contain that they shall be primary insurance with respect to the City. Any Insurance, self-insurance, or insurance pool coverage maintained by the City shall be excess of the Consultant's insurance and shall not be contributed or combined with it.
- D. **Acceptability of Insurers.** Insurance is to be placed with insurers with a current A.M. Best rating of not less than A:VII.
- E. **Verification of Coverage.** Consultant shall furnish the City with original certificates and a copy of the amendatory endorsements, including but not necessarily limited to the additional insured endorsement, evidencing the insurance requirements of the Contractor before commencement of the work. Upon request by the City, the Consultant shall furnish certified copies of all required insurance policies, including endorsements, required in this Agreement and evidence of all subcontractors' coverage.
- F. **Notice of Cancellation.** The Consultant shall provide the City with written notice of any policy cancellation, within two business days of their receipt of such notice.
- G. **Failure to Maintain Insurance.** Failure on the part of the Consultant to maintain the insurance as required shall constitute a material breach of contract, upon which the City may, after giving five business days notice to the Consultant to correct the breach, immediately terminate the contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the City on demand, or at the sole discretion of the City, offset against funds due the Consultant from the City.
9. **Independent Contractor.** The Consultant and the City agree that the Consultant is an independent contractor with respect to the services provided pursuant to this Agreement. Nothing in this Agreement shall be considered to create the relationship of employer and employee between the parties hereto. Neither the Consultant nor any employee of the Consultant shall be entitled to any benefits accorded City employees by virtue of the services provided under this Agreement. The City shall not be responsible for withholding or otherwise deducting federal income tax or social security or for contributing to the state industrial insurance program, otherwise assuming the duties of an employer with respect to the Consultant, or any employee of the Consultant.
10. **Covenant Against Contingent Fees.** The Consultant warrants that he has not employed or retained any company or person, other than a bonafide employee working solely for the Consultant, to solicit or secure this contract, and that he has not paid or agreed to pay any company or person, other than a bonafide employee working solely for the Consultant, any fee, commission, percentage, brokerage fee, gifts, or any other consideration contingent upon or resulting from the award or making of this contract. For breach or violation of this warrant, the City shall have the right to annul this contract without liability, or in its discretion to deduct from the contract price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

11. **Discrimination Prohibited.** Contractor, with regard to the work performed by it under this Agreement, will not discriminate on the grounds of race, religion, creed, color, national origin, age, veteran status, sex, sexual orientation, gender identity, marital status, political affiliation, the presence of any disability, or any other protected class status under state or federal law, in the selection and retention of employees or procurement of materials or supplies.
12. **Assignment.** The Consultant shall not sublet or assign any of the services covered by this Agreement without the express written consent of the City.
13. **Non-Waiver.** Waiver by the City of any provision of this Agreement or any time limitation provided for in this Agreement shall not constitute a waiver of any other provision.
14. **Termination.**
  - A. The City reserves the right to terminate this Agreement at any time by giving ten (10) days written notice to the Consultant.
  - B. In the event of the death of a member, partner or officer of the Consultant, or any of its supervisory personnel assigned to the project, the surviving members of the Consultant hereby agree to complete the work under the terms of this Agreement, if requested to do so by the City. This section shall not be a bar to renegotiations of this Agreement between surviving members of the Consultant and the City, if the City so chooses.
15. **Applicable Law: Venue: Attorney's Fees.** This Agreement shall be subject to, and the Consultant shall at all times comply with, all applicable federal, state and local laws, regulations, and rules, including the provisions of the City of Tukwila Municipal Code and ordinances of the City of Tukwila. In the event any suit, arbitration, or other proceeding is instituted to enforce any term of this Agreement, the parties specifically understand and agree that venue shall be properly laid in King County, Washington. The prevailing party in any such action shall be entitled to its attorney's fees and costs of suit. Venue for any action arising from or related to this Agreement shall be exclusively in King County Superior Court.
16. **Severability and Survival.** If any term, condition or provision of this Agreement is declared void or unenforceable or limited in its application or effect, such event shall not affect any other provisions hereof and all other provisions shall remain fully enforceable. The provisions of this Agreement, which by their sense and context are reasonably intended to survive the completion, expiration or cancellation of this Agreement, shall survive termination of this Agreement.
17. **Notices.** Notices to the City of Tukwila shall be sent to the following address:

City Clerk  
City of Tukwila  
6200 Southcenter Boulevard  
Tukwila, WA 98188

Notices to Consultant shall be sent to the following address:

KPG Psomas Inc.  
3131 Elliott Avenue, Suite 400  
Seattle, WA 98121
18. **Entire Agreement: Modification.** This Agreement, together with attachments or addenda, represents the entire and integrated Agreement between the City and the Consultant and supersedes all prior negotiations, representations, or agreements written or oral. No amendment or modification of this Agreement shall be of any force or effect unless it is in writing and signed by the parties.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.


**\*\* City signatures to be obtained by  
City Clerk's Staff ONLY. \*\***

**\*\* Consultant signature to be obtained by  
sponsor staff. \*\***

CITY OF TUKWILA

CONSULTANT:

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

By:  \_\_\_\_\_

Printed Name: Nelson Davis

ATTEST/AUTHENTICATED:

Title: Vice President

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

APPROVED AS TO FORM:

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

**EXHIBIT A**  
**City of Tukwila**  
**2024 Overlay Program**  
**Scope of Work**  
**September 25, 2023**

The Consultant shall prepare final Plans, Specifications and Estimates for the 2024 Overlay Program. It is anticipated approximately 5,000 to 7,000 linear feet of roadway overlay will be included in the final Plans, Specifications, and Estimates. Specific roadway segments will be determined from the following list of candidate streets in the Riverton and McMicken neighborhoods:

RIVERTON

STREET	LIMIT 1	LIMIT 2	LENGTH	PCI
126 <sup>th</sup> St	40 <sup>th</sup> Ave S	42 <sup>nd</sup> Ave S	317	67
128 <sup>th</sup> St	East Marginal Way S	40 <sup>th</sup> Ave S	87	44
128 <sup>th</sup> St	40 <sup>th</sup> Ave S	Macadam Rd S	854	62
132 <sup>nd</sup> Pl	S 132 <sup>nd</sup> Pl	S 132 <sup>nd</sup> Pl	214	41
35 <sup>th</sup> Ave S	S 128 <sup>th</sup> St	S 130 <sup>th</sup> St	636	43
35 <sup>th</sup> Ave S	S 126 <sup>th</sup> St	S 128 <sup>th</sup> St	423	49
35 <sup>th</sup> Ln S	S 130 <sup>th</sup> St	S 132 <sup>nd</sup> St	483	43
37 <sup>th</sup> Ave S	S 128 <sup>th</sup> St	S 130 <sup>th</sup> St	621	42
38 <sup>th</sup> Pl S	NORTH END	S 132 <sup>nd</sup> Pl	163	44
40 <sup>th</sup> Ave S	East Marginal Way S	S 132 <sup>nd</sup> Pl	881	51
40 <sup>th</sup> Ave S	S 126 <sup>th</sup> St	S 128 <sup>th</sup> St	317	54
42 <sup>nd</sup> Ave S	S 126 <sup>th</sup> St	SE END	164	83
43 <sup>rd</sup> Ave S	Macadam Rd S	SOUTH END	814	46
S 132 <sup>nd</sup> Pl	38 <sup>th</sup> Pl S	40 <sup>th</sup> Ave S	285	54
		Total	9040	



MCMICKEN

STREET	LIMIT 1	LIMIT 2	LENGTH	PCI
S 160 <sup>TH</sup> ST	42 <sup>ND</sup> AVE S	51 <sup>ST</sup> AVE S	2668	55 AVG
45 <sup>TH</sup> AVE S	N END	S 161 <sup>ST</sup> ST	434	52
46 <sup>TH</sup> AVE S	S 160 <sup>TH</sup> ST	S 163 <sup>RD</sup> ST	735	55
47 <sup>TH</sup> AVE S	S 160 <sup>TH</sup>	S 162 <sup>ND</sup> ST	608	55
48 <sup>TH</sup> AVE S	S 160 <sup>TH</sup> ST	S END	911	47
49 <sup>TH</sup> AVE S	N END	S 164 <sup>TH</sup> ST	405	45
51 <sup>ST</sup> AVE S	S 160 <sup>th</sup> St	S 161 <sup>st</sup> St	284	53
S 161 <sup>ST</sup> ST	W END	S 161 <sup>ST</sup> ST	364	58
S 163 <sup>RD</sup> PL	51 <sup>ST</sup> AVE S	E END	483	50
52 <sup>ND</sup> AVE S	N END	S 164 <sup>TH</sup> ST	173	69
SLADE WAY	53 <sup>rd</sup> PI S	54 <sup>th</sup> Ave S	314	43
S 166 <sup>TH</sup> ST	53 <sup>rd</sup> Ave S	54 <sup>th</sup> Ave S	270	50
		Total	6259	

Project locations may be re-prioritized or deferred to a future overlay program based on available budget, grant funding allocation, and other considerations. Preliminary cost estimates for each segment will be prepared at the 30% design to verify the final project list to be included in the 2024 Overlay Program.

The City of Tukwila may require other services of the consultant. These services could include additional design, MEF documentation, right of way, environmental documentation, construction phase services, or other work tasks not included in the scope of work. At the time these services are required, the Consultant will provide the City with a detailed scope of work and an hour and fee estimate. The Consultant will not proceed with the work until the City has authorized the work and issued a Notice to Proceed.

*Assumptions for the 2024 Overlay Program Bid Package*

- Roadway segments that are not selected for inclusion in the 2024 Overlay Program following review preliminary cost estimates will not be advanced to final design.
- Final Bid Documents will be prepared and ready for advertisement in March 2024.
- Topographic survey will not be performed for roadway and utility casting mapping. Paving limits and utility structure mapping will be based on aerial photography, GIS, and field reviews by the Consultant.
- Topographic field survey will be performed only if ADA ramp and sidewalk improvements are desired to be included in the final bid documents. A budget of three field days and one basemap creation day has been accounted for.

- Alignments are based off of existing ROW GIS established by the City's GIS mapping.
- Underground utilities are not shown, unless provided by GIS mapping and other utility coordination.
- Utility structures inside roadway prism will be shown, but franchise utility structures outside of roadway prism may not be shown.
- Lane widths and channelization types shall be replaced in kind unless otherwise directed by the City through project progress meetings.
- Driveways that are disturbed will be restored with like pavement.
- It is assumed there will be approximately twenty (20) plan sheets at 1"=20' scale full size (22" X 34"), 1"=40' at reduced scale (11" X 17").
- Full utility coordination is not included with this scope of work. The consultant shall provide copies of the plans to utility purveyors/teams based on project locations and solicit feedback. The Consultant is not responsible for design and coordination of any system upgrades for third party utility systems.
- Drainage & Water Quality Reports will not be required.
- Environmental Documentation will not be required.
- Geotechnical exploration and/or investigation will not be required.
- Maximum Extent Feasible Documentation is not included in this scope of work
- Consultant shall not be responsible for printing and supplying City or Contractor with hard copies of plans and specifications at interim submittals or contract award.
- Traffic Control Plans will be the responsibility of the Contractor are not included with this scope of work.

### *Deliverables*

- Meeting notes during selection process
- 30% review submittal with Plans and Estimate (electronic copies)
- 90% review submittal with Plans, Specifications, and Estimate (electronic copies)
- Routing of 30% and 90% Plans to utilities for review and comment.
- Bid Documents and Engineer's Estimate for 2024 Overlay Program.
- Coordinate upload of Plans and Specifications to Builders Exchange.
- Bid Analysis and recommendation for award letter.
- Preconstruction Meeting Attendance.

## **SCOPE OF WORK**

## **TASK 1 – Project Management**

1.1 The Consultant shall provide continuous project management and administration for the duration of the Project. (Estimate 8 months).

- Hold project coordination meetings with the City to update progress and review submittals. Assume (8) meetings.
- The Consultant shall provide monthly status reports and billings.
- The Consultant shall provide independent QA/QC reviews by senior in-house staff of all deliverables prior to submittal to the City.

## **TASK 2 – Preliminary Design**

2.1 The Consultant shall prepare base maps for the initial 25 roadway segments identified above. The basemaps shall be created utilizing field measurements, available record drawings, City GIS data, and aerial photography.

2.2 The Consultant shall prepare 30% Plans for each of the 25 new roadway segments. Previously prepared segments will be included in the 30% submittal. The 30% proposed improvements including the following:

- Plans shall be prepared with such provisions to produce a detailed engineer's estimate.
- Topographic survey will not be utilized for 30% design. ADA ramp surveys will be provided during final design for selected roadway segments.
- Typical sections and details will be prepared for items not available as standard details from the City or WSDOT standard drawings.
- Plans will not include ADA curb ramp grading
- The plans shall illustrate limits of construction and removals, utility adjustments, surfacing depths and applicable channelization and signing
- The Consultant shall perform one site walkthrough to determine extent of roadway repairs / resurfacing
- Plans shall be distributed to third party utilities and City utility staff.

2.3 The Consultant shall calculate quantities and prepare a Preliminary Engineers Estimate of Probable Construction Cost for each of the 25 roadway segments. Up to five roadway segments will be prioritized in collaboration with the City based on available budget and other considerations.

### *Deliverables*

- 30% Plans for up to 12,000 linear feet of roadway segments

- 30% Cost Estimate for each candidate segment
- Recommendation for up to 5,000 to 7,000 linear feet of roadway segments for Final Design and Advertisement based on available budget. Final selection of roadway segments for inclusion in the 2024 Overlay Program will be by the City.

### **TASK 3 – Final Design**

3.1 The Consultant shall prepare 90%, and Final Plans for up to 5,000 to 7,000 linear feet of roadway segments selected in Task 2 based on available budget. The proposed improvements including the following:

- Plans shall be prepared with such provisions in such detail as to permit field layout and construction within a degree of accuracy acceptable to the City and per industry standards.
- Topographic survey will be utilized only at ADA ramp locations where field conditions require it to meet ADA compliance.
- Typical sections and details will be prepared for items not available as standard details from the City or WSDOT standard drawings.
- Plans will identify curb ramp replacement limits and pedestrian push button modifications in accordance with ADA requirements.
- The plans shall illustrate complete details of construction of the proposed improvements including limits of construction and removals, utility adjustments, surfacing depths and details, and applicable channelization and signing for the segments selected for final design.
- The Consultant shall perform site walkthroughs with the City maintenance staff to determine extent of roadway repairs / resurfacing (Estimate 2 meetings) and to prioritize candidate streets within the available budget.
- Pavement sections will be determined through consultation with the City's maintenance staff and previous experience. No geotechnical investigations are anticipated.
- The Consultant shall distribute 90% review submittals to franchise utility owners for adjustments within the Project limits.

3.2 The Consultant shall calculate quantities and prepare Engineers Estimate of Probable Construction Cost for in preparation for the bid documents and proposal as well as a site by site cost estimate for each review submittal and the Bid Documents.

3.3 The Consultant shall prepare the Contract Specification per 2024 WSDOT Standard Specifications for the 90% Review Submittal and the Bid Documents.

3.4 The Consultant shall utilize the construction management team for a QA/QC review of measurement and payment at the 90% submittal.

*Deliverables*

- 90% & Final Plans for up to 5,000 to 7,000 linear feet of roadway segments
- 90% & Final Cost Estimate for up to 5,000 to 7,000 linear feet roadway segments
- 90% & Final Contract documents including Project Special Provisions

**TASK 4 – Bid Period Services**

4.1 The Consultant shall assist the City with Project Advertisement and Award by uploading plans and specifications to bxwa.com, preparing addenda, bid tabulation, and recommendation for award.

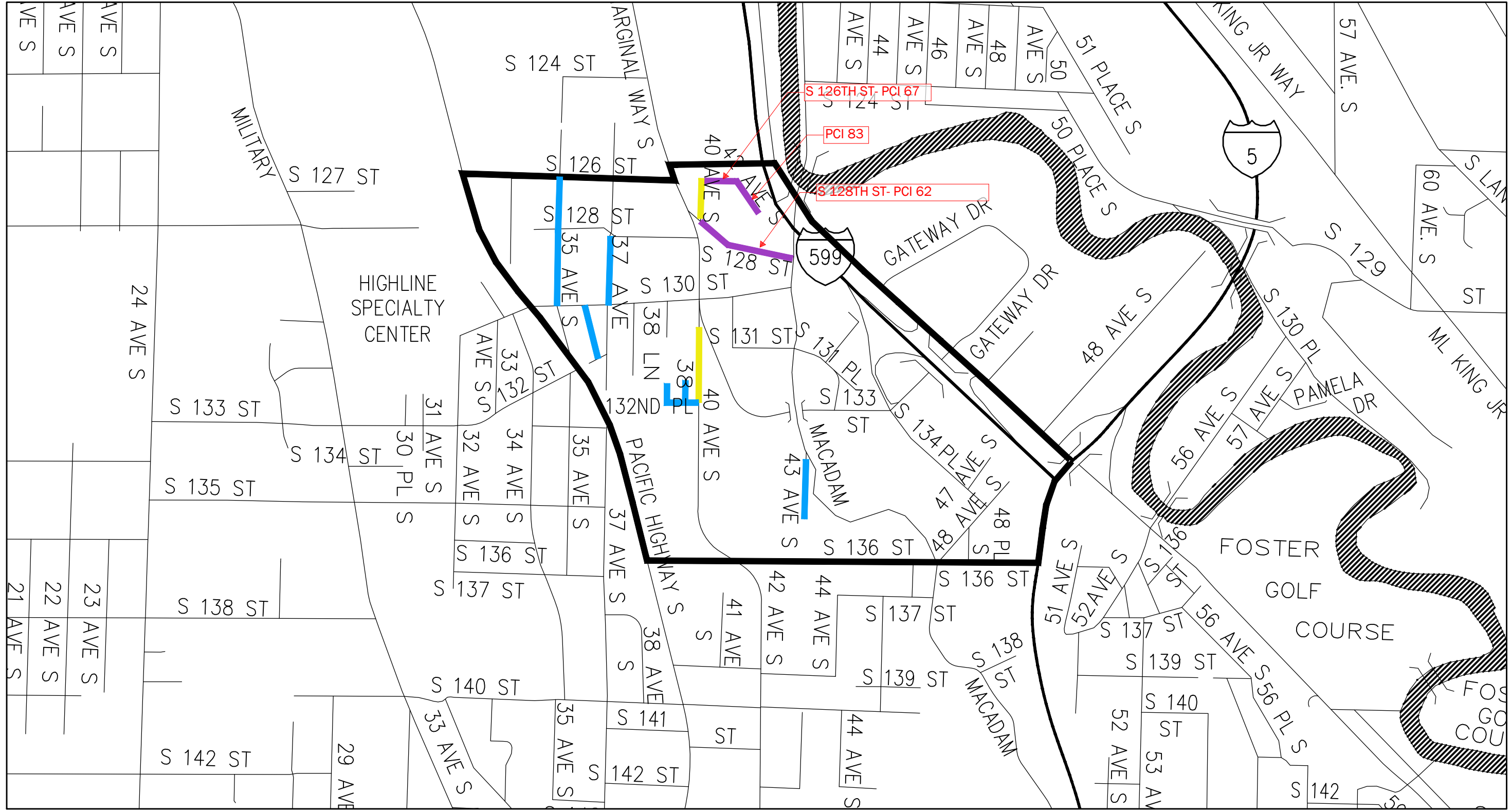
**EXHIBIT B  
PRIME CONSULTANT COST COMPUTATIONS**

Client: City of Tukwila  
Project Name: 2024 Overlay Program  
KPG Psomas Inc. Project Number: 9TUK#####  
Date: 9/25/2023

Task No.	Task Description	Labor Hour Estimate																	Total Hours and Labor Cost Computations by Task		
		Principal	Engineering Manager	Project Engineer I	Project Engineer II	Design Engineer II	Engineering Technician	Survey Crew II (W/Equip)	Project Surveyor	Surveyor III	Construction Manager	Document Control Specialist II	CAD Manager	Senior CAD Technician	CAD Technician	Business Manager	Senior Admin	Office Admin	Hours	Totals	
		\$93.91	\$82.73	\$49.00	\$62.00	\$46.00	\$37.69	\$85.78	\$54.00	\$45.00	\$61.00	\$47.00	\$59.39	\$45.34	\$41.00	\$58.52	\$44.00	\$34.00			
<b>Task 1 Project Management</b>																					
1.1	Continuous Project Management	8	8		20												8		8	52	\$ 3,393.29
<b>Task Total</b>		<b>8</b>	<b>8</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>52</b>	<b>\$ 3,393.29</b>
<b>Task 2 Preliminary Design</b>																					
2.1	Prepare Basemaps			20		16	16						8	12	40					112	\$ 4,978.26
2.2	Prepare 30% Plans			40	4	40	40							40						164	\$ 7,369.20
2.3	Prepare 30% Construction Cost Estimate			32	8	12	12													64	\$ 3,068.28
<b>Task Total</b>		<b>0</b>	<b>0</b>	<b>92</b>	<b>12</b>	<b>68</b>	<b>68</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>52</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>340</b>	<b>\$ 15,415.74</b>
<b>Task 3 Final Design</b>																					
3.1	90% and Final Plans			60	16	60	60	24	8	8				20					32	288	\$ 14,118.92
3.2	90% and Final Construction Cost Estimate			32	16	16	16													80	\$ 3,899.04
3.3	90% and Final Contract Specifications			40	40															80	\$ 4,440.00
3.4	QA/QC Review of 90% submittal	8	12		20							40	16							96	\$ 6,176.04
<b>Task Total</b>		<b>8</b>	<b>12</b>	<b>132</b>	<b>92</b>	<b>76</b>	<b>76</b>	<b>24</b>	<b>8</b>	<b>8</b>	<b>40</b>	<b>16</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>544</b>	<b>\$ 28,634.00</b>
<b>Task 4 Bid Period Services</b>																					
4.1	Project Advertisement, Bid Tabulation, Bid Review, Recommendation of Award Letter	2		8	4						2	16								32	\$ 1,701.82
<b>Task Total</b>		<b>2</b>	<b>0</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>\$ 1,701.82</b>
<b>Total Labor Hours and Fee</b>		<b>18</b>	<b>20</b>	<b>232</b>	<b>128</b>	<b>144</b>	<b>144</b>	<b>24</b>	<b>8</b>	<b>8</b>	<b>42</b>	<b>32</b>	<b>8</b>	<b>72</b>	<b>40</b>	<b>8</b>	<b>32</b>	<b>8</b>	<b>968</b>	<b>\$ 49,144.84</b>	
<b>ICR Overhead @ 1.7193% =</b>																				<b>\$ 84,494.73</b>	
<b>Fixed Fee @ 30% =</b>																				<b>\$ 14,743.45</b>	
<b>Total KPG Psomas (DL + OH + Fixed Fee) =</b>																				<b>\$ 148,383.03</b>	
<b>Subconsultants</b>																					
<b>Reimbursable Direct Non-Salary Costs</b>																					
																			Mileage at current IRS rate	\$ 500.00	
																			Reproduction Allowance	\$ 500.00	
																			<b>Total Reimbursable Expense</b>	<b>\$ 1,000.00</b>	
																			<b>Total Estimated Budget</b>	<b>\$ 149,383.03</b>	

# CITY OF TUKWILA - 2024 OVERLAY CANDIDATES

K:\PROJECTS\TUKWILA\Pavement Management\Tukwila Marketing Maps - RivertonMcMicken.dwg 9/11/2023 11:37 AM



## RIVERTON NEIGHBORHOOD

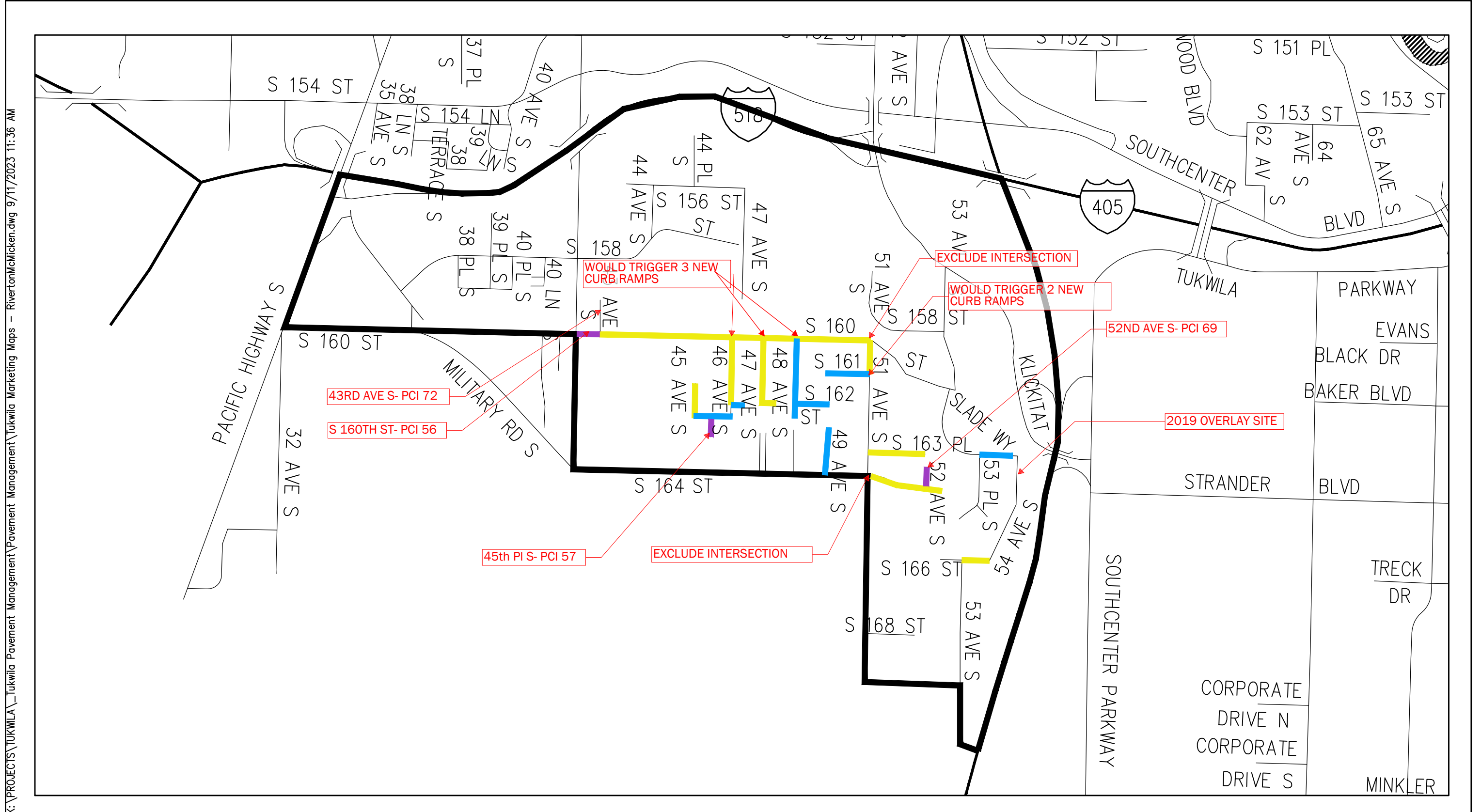


- PCI UNDER 50 █
- PCI UNDER 55 █
- SUGGESTED █



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# CITY OF TUKWILA - 2024 OVERLAY CANDIDATES



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## MCMICKEN NEIGHBORHOOD



- PCI UNDER 50 █
- PCI UNDER 55 █
- SUGGESTED █