

August 11, 2025

VIA EMAIL

ACervantes@rialto.ca.gov

Mr. Art Cervantes
Engineering Manager
Engineering Services Department
City of Rialto

Subject: Proposal for Street Rehabilitation Design Services on Various Residential Streets

Psomas greatly appreciates this opportunity to provide the City of Rialto (City) with this proposal for Engineering Services for improvements within the City's residential neighborhood bounded by Baseline Road to the north, Cedar Avenue to the west, and Etiwanda Avenue to the south. Our proposal is based on the Request for Proposal via email on July 28, 2025.

Attached are our Project Understanding and Scope of Services listed as *Exhibit A* and Fee Proposal listed as *Exhibit B*. This proposal is valid for 30 calendar days from the date of preparation. If you have any questions regarding this proposal, please feel free to call me or Arief Naftali. Again, we appreciate you providing Psomas the opportunity to submit our proposal to you for this project.

Sincerely,

P S O M A S

A handwritten signature in black ink, appearing to be 'TChan', with a stylized flourish at the end.

Tim Chan, PE
Project Manager

A handwritten signature in blue ink, appearing to be 'Arief Naftali', with a long horizontal line extending to the right.

Arief Naftali, PE,TE,EE, ENV SP
Principal

EXHIBIT A

Project Understanding

As requested by the City, Psomas will provide engineering services to design the following residential street segments in the City of Rialto (City). The services will consist of a grind and cap resurfacing for various street segments and new ADA curb ramps at the locations indicated:

- Camphor Avenue from Baseline Road to Mesa Drive – Approximately 240 linear feet of roadway resurfacing.
- Mesa Drive from Oakwood Avenue to Camphor Avenue – Approximately 250 linear feet of roadway resurfacing and 2 ADA curb ramps.
- N. Elmwood Avenue from Camphor Avenue to N Driftwood Avenue – Approximately 2,900 linear feet of roadway resurfacing and 8 ADA curb ramps.
- Brentwood Avenue from N. Driftwood Avenue to Sunset Circle – Approximately 680 linear feet of roadway resurfacing and 2 ADA curb ramps.
- Oakwood Avenue from N. Driftwood Avenue to Sunset Circle – Approximately 1,500 linear feet of roadway resurfacing and 2 ADA curb ramps.
- Sunset Circle from N. Elmwood Avenue to N. Elmwood Avenue – Approximately 1,420 linear feet of roadway resurfacing and 4 ADA curb ramps.
- Wedgewood Court/N. Quince Avenue from N. Driftwood Avenue to N. Martin Street – Approximately 1,800 linear feet of roadway resurfacing.
- N. Martin Street from N. Driftwood Avenue to N. Driftwood Avenue – Approximately 1,200 linear feet of roadway resurfacing and 4 ADA curb ramps.
- N. Driftwood Avenue from Brentwood Avenue to Etiwanda Avenue – Approximately 2,600 linear feet of roadway resurfacing and 12 ADA curb ramps.

An estimated total of 12,590 linear feet (or 2.4 miles) of resurfacing and 34 curb ramps reconstruction are involved.

Psomas will prepare plans, specifications, and estimates (PS&E) for these improvements to be assembled as one set of construction drawings.

Scope of Work

Task 1: Project Management and Coordination

Psomas will participate in a team kickoff meeting with the City to review the scope, schedule, coordination procedures, and intended outcomes for the project. During this meeting Psomas will confirm our understanding of the City's objectives and requirements of the deliverables throughout the duration of the contract. Psomas will participate in up to two (2) additional virtual meetings with the City representative to discuss progress, coordinate design activities, obtain direction, exchange project information, and identify issues to be resolved.

Psomas will provide overall project management throughout the duration of this contract. This includes services such as:

- Providing the City with a single point of contact to discuss progress, communicate project decisions, and general contract management
- Directing and monitoring project deliverables
- Quality Control Reviews
- Preparing monthly invoicing

Task 1 Deliverables:

- Preparation for and Attendance at Project Kickoff Meeting and Periodic Project Meetings (total 3 meetings)
- Project Schedule
- Quality Control Reviews and Documentation
- Project Management and Project Administration

Task 2 - Data Collection

Psomas will collect data and perform research to identify and confirm existing improvements and constraints, and to gather background information from available record drawings on streets that are within the project limits. No independent utility coordination and/or outreach is assumed as part of this scope. Psomas will participate in a field review with the City if requested to confirm existing conditions and to identify physical features that may be constraints for the project.

Task 2 Deliverables:

- Data Collection, and record drawings collected
- Field Notes

Task 3 - Topographic Survey/Right-of-Way Mapping

Within the project limits, Psomas will:

- Establish survey control.
- Locate enough monuments to establish right-of-way from available recorded data for the residential tract.
- Prepare Aerial Mapping for the residential tract.
- Topographic survey, 34 curb returns within the residential tract.

Survey Control: Horizontal and Vertical project control will be established for the project area. The horizontal control will be tied to California State Plan Coordinates, NAD83, Zone V. Vertical control will be tied to the City of Rialto Benchmark network.

Research and Base Mapping: Cadastral research within City of Rialto and the County of San Bernardino will be performed to find existing centerline and right of way line to support the establishment of the Land Net Base Map.

Land Net Base Map: Psomas will locate enough monuments to prepare a Land Net Base Map prepared from available record information. Psomas will establish the existing centerline and right of way lines within the area as shown in the above exhibit.

Topographic Surveys: Conventional ground surveys will be performed on 34 ADA ramps. Limits of the surveys will extend beyond 25' from the BC and EC of the curb returns and will extend a minimum of 10 feet into the roadways.

Aerial Mapping: Topographic mapping will be provided from aerial photogrammetry. topography will be compiled at a scale of 1"=40' with 1' interval contours.

Aerotriangulation will be performed and analyzed prior to the start of the map collection. Map collection will be performed on Hexagon ImageStation softcopy photogrammetric workstations. All resulting topographic and planimetric mapping will conform to typical 1"= 40' scale mapping, capturing all discernable planimetric and topographic features for roadway, utility, and cultural items. A DTM, consisting of breaklines and mass points, will supplement select planimetric features to create the final surface model and the creation of the 1' contours. Completed topographic mapping will be delivered as .DWG files with surface and exported XML file.

Task 3 Deliverables:

- Aerial Mapping CADD
- AutoCAD Civil3D DWG
- Stamped and Signed PDF of the Survey

Task 4 - Street Improvement Plans

Psomas will prepare a complete set of Improvement Plans for the Boyd Elementary SRTS project. Plans will be submitted to the City at the 65%, 90%, and 100% submittal stages.

Plan types will be completed in conformance with the latest available design, drafting, and policy and procedure manuals of the City. The following is a listing of plan sheets anticipated to be required:

No. of Sheets	Plan	Scale
1	Title Sheet	Varies
1	General Notes/Construction Notes	N/A
1	Key Map and Typical Sections	1"=40'
7	Street Layout, including new curb ramps layouts	1"=40'
10	= TOTAL NUMBER OF SHEETS	

The following will be included in the improvement plans:

- Camphor Avenue from Baseline Road to Mesa Drive – Approximately 240 linear feet of roadway resurfacing.
- Mesa Drive from Oakwood Avenue to Camphor Avenue – Approximately 250 linear feet of roadway resurfacing and 2 ADA curb ramps.
- N. Elmwood Avenue from Camphor Avenue to N Driftwood Avenue – Approximately 2,900 linear feet of roadway resurfacing and 8 ADA curb ramps.
- Brentwood Avenue from N. Driftwood Avenue to Sunset Circle – Approximately 680 linear feet of roadway resurfacing and 2 ADA curb ramps.
- Oakwood Avenue from N. Driftwood Avenue to Sunset Circle – Approximately 1,500 linear feet of roadway resurfacing and 2 ADA curb ramps.
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- Wedgewood Court/N. Quince Avenue from N. Driftwood Avenue to N. Martin Street – Approximately 1,800 linear feet of roadway resurfacing.
- N. Martin Street from N. Driftwood Avenue to N. Driftwood Avenue – Approximately 1,200 linear feet of roadway resurfacing and 4 ADA curb ramps.
- N. Driftwood Avenue from Brentwood Avenue to Etiwanda Avenue – Approximately 2,600 linear feet of roadway resurfacing and 12 ADA curb ramps.

Note that the professional fees established for the various types of plans are based on the following:

- All plan types will be prepared in City of Rialto plan format.
- This scope of work assumes that roadway work within the project area will consist of 2" grind and cap. No custom pavement design will be included in the scope.
- A total of 34 existing ramps are found within the project limits, none of which appear to be ADA compliant. Each will be assessed and upgraded per current ADA standards. For budgeting purposes, standard curb ramps per City of Rialto Standard Plan SC-215 will be called out at each location. Detailed curb ramp design will not be included, and elevations will not be specified on the plans. Topographic survey on curb ramp locations will be used to determine the proper type/case to implement at each location.
- Existing utilities will be shown on the plans per information obtained through existing as-built/record drawings as provided by the utility companies, the City, and field survey data. Potholing and/or ground penetrating radar (GPR) of existing utilities is explicitly excluded from this Scope of Work.
- The Scope of Work does not include drainage design services.
- Erosion Control Plans are excluded.

Task 4 Deliverables:

- Street Improvement Plans (65%, 90%, and 100% submittals) with signing-striping integrated on the same layout sheets

Task 5 - Cost Estimates

Psomas will develop quantities and will prepare an itemized engineer's estimate for the 65% submittal package. Unit costs will be determined by reviewing similar recent project bid summaries and current Caltrans Contract Cost Data book. The estimate will be updated at each subsequent submittal stage.

Task 5 Deliverables:

- Engineer's Cost Estimate (65%, 90%, and 100% submittals)

Task 6 - Technical Specifications

Psomas will prepare technical specifications following the 2021 Standard Specifications for Public Works Construction (the Greenbook). It is assumed that the City will provide their "front end" boiler plate in Microsoft Word, to which the technical specifications will be inserted. Psomas will submit the technical specifications with the 90% and 100% submittal packages.

Task 6 Deliverables:

- Technical Specifications (90% and 100% submittals)

ASSUMPTIONS/EXCLUSIONS

- Due to the nature of the proposed improvements, a geotechnical report is assumed to not be required and is therefore excluded.
- It is assumed that the City will secure all right of way and/or rights of entry needed for improvements adjacent to private property, if applicable.
- Legal descriptions and plats are assumed not required and are therefore excluded.
- Any encroachment permits and other permit fees, if applicable, will be paid for by the City.
- Stage Construction/Traffic Handling Plans will not be required and are excluded.
- Hydrology and hydraulic analysis is assumed not needed and is excluded.
- The proposed improvements are not anticipated to impact existing drainage patterns. Therefore, drainage analysis and design are excluded.
- Permanent water quality BMPs are assumed not required and are excluded.
- Planting/Irrigation plans will not be required and are excluded.
- Bid phase and construction support services are excluded but can be provided as additional upon request.

Exhibit B
Project Fee - Rialto Street Rehabilitation Design Services
Residential Streets

Description Consultant Services	Principal-In-Charge	Project Manager	Project Engineer	Staff Engineer	Survey Manager	Project Surveyor	Survey CAD	2-Man Crew	Project Assistant	Total Hours	Direct Labor Subtotal	Total Cost
	\$305.00	\$265.00	\$165.00	\$150.00	\$250.00	\$200.00	\$160.00	\$385.00	\$140.00			
Task												
1 Project Management and Coordination	6	28							8	42	\$ 10,370	\$ 10,370
2 Data Collection		4	20	20						44	\$ 7,360	\$ 7,360
3 Topographic Survey/Right-of-Way Mapping	2	8	16		16	53	127	48		270	\$ 58,770	\$ 58,770
4 Street Improvement Plans <i>(with integrated Signing-Striping layout)</i>	8	40	64	200						312	\$ 53,600	\$ 53,600
5 Cost Estimates	2	10		40						52	\$ 9,260	\$ 9,260
6 Technical Specifications	2	6	12							20	\$ 4,180	\$ 4,180
PROJECT TOTAL HOURS =	20	96	112	260	16	53	127	48	8	740	\$ 143,540	\$ 143,540