

(Email to CScott@cotaticity.org)

Date: August 6, 2024

Craig Scott
DPW/City Engineer
City of Cotati
201 West Sierra Avenue
Cotati, CA 94931

Re: 2025 Street Improvements Project

Dear Craig:

We are pleased to submit the 2025 Street Improvements Project proposal as requested. We have provided our project understanding; fee estimate and the tentative project schedule to construct in May 2025.

Project Understanding

This project will include the eleven (12) slurry seal street segments that were not incorporated (NIC) in the 2023 Street Rehabilitation Project. They are identified with an asterisk (*). These street segments have been previously field investigated and designed. Repackaging of the project plans, specification, and cost estimate will be required. Harris will revisit these twelve street segments to verify if any previous data will need to be updated and design parameters have changed. The other four street segments were selected by StreetSaver; therefore, fieldwork will need to be performed and the design will be included in the PS&E.

The city has also requested Harris to identify base repairs (5'X6') at 10 locations on Old Redwood Highway between Williams St. and Commerce Blvd.

This project will primarily consist of preventative maintenance treatments that involve slurry seal, crack seal, and base repairs (dig outs).

The following streets will be included in the project limits with approximate costs per the latest 5 Year Paving CIP Report for FY24/25 to FY28/29:

Street Name	Begin	End	Length (LF)	Treatment	Approx. Cost
Slurry Seal (Base Bid)					
Cervantes Ct	Water Rd	Cul de sac	635	Dig Out 10%, Crack Seal, Slurry Seal	\$19,623
Clothier Lane*	Old Redwood Hwy	End	975	Dig Out 10%, Crack Seal,	\$43,826

				Slurry Seal	
Dorfman Dr	147' N/O Honor Pl	Jagla St	133	Dig Out 10%, Crack Seal, Slurry Seal	\$6,352
East Cotati Ave*	Old Redwood Hwy	Baytree Ct	2187	Dig Out 10%, Crack Seal, Slurry Seal	\$245,419
Fehler Lane	Valparaiso Ave	Jagla St	807	Dig Out 10%, Crack Seal, Slurry Seal	\$28,339
Forno Way*	Valparaiso Ave	Valparaiso Ave	494	Dig Out 10%, Crack Seal, Slurry Seal	\$20,123
Honor Pl*	Cul de sac SW of Dorfman Dr	850' NE of Dorfman Dr	850	Dig Out 10%, Crack Seal, Slurry Seal	\$38,207
Jagle St*	Lund Hill Lane	Fehler Ln	190	Dig Out 10%, Crack Seal, Slurry Seal	\$7,206
Jagla St	Fehler Ln	Valparaiso Ave	1,180	Dig Out 10%, Crack Seal, Slurry Seal	\$56,355
Logan Pl*	Cypress Way	End	625	Dig Out 10%, Crack Seal, Slurry Seal	\$23,704
Loma Linda Dr*	Water Rd	End	817	Dig Out 10%, Crack Seal, Slurry Seal	\$30,986
Subtotal Slurry Seal (10% Dig outs) (Base Bid)			8,893 LF		\$520,140
Dorfman Dr*	Clothier	147' N/O Honor Pl	741	Dig Out 20%, Crack Seal, Slurry Seal	\$36,627
Honor Pl*	850' NE of Dorfman Dr	Jagla St	189	Dig Out 20%, Crack Seal, Slurry Seal	\$9,926
Issel Ct*	Water Rd	End	357	Dig Out 20%, Crack Seal, Slurry Seal	\$13,786
Loma Linda Ct*	Loma Linda Dr	End	278	Dig Out 20%, Crack Seal, Slurry Seal	\$11,594
Water Rd	393' S/O W Sierra Ave	1169' S/O W Sierra Ave	776	Dig Out 20%, Crack Seal, Slurry Seal	\$56,683
Subtotal Slurry Seal (20% Dig outs) (Base Bid)			2,341 LF		\$128,616



Digouts (5'x6') on Old Redwood Highway (from Williams St to Commerce Blvd.)	10 (EA)	300 SF	\$5,000
TOTAL Base Bid	9,557 LF		\$653,756

We have generated a map of the listed streets above. See **Exhibit 1**

The city's total construction budget is \$664K. Costs above include 10% Design fee, 10% Construction fee, and 15% Contingency.

Schedule

The tentative design schedule is shown below:

- August 12, 2024 – NTP
- August 12, 2024 to October 4, 2024 –Repackage and submit 90% PS&E
- October 7, 2024 to October 11, 2024 – City review
- October 14, 2024 to October 25, 2024 – Prepare/Submit Final PS&E
- October 28, 2024 to October 31, 2024 – City review
- November 1, 2024 to December 2, 2024– Advertising period (21 days)
- December 10, 2024 – Award
- May 2025 – Construction start

The design work will be completed by October 31, 2024 in order to award by early December 2024. The desired timeframe for slurry seal installation is between May and mid-October (70 degrees and rising) therefore, the awarded contractor will need to hold their bid to construct in May 2025.

Project Deliverables

The 90% and Final PS&E documents will include specifications, cost estimate and a set of full-size plans. The full-size plans will comprise of:

- Title Sheet
- Key Map that will show the treated streets (Slurry/Crack Seal)
- Detail Sheet
- Detailed spreadsheet showing dig outs and quantity takeoff for each street segment

Fee

Please see the attached fee proposal for Harris' level of effort (**Attachment A**) to execute the scope of work. The proposed fee is in the not-to-exceed total amount of **\$59,935**. Attention is directed to the assumptions attached to this fee proposal, indicating inclusions and exclusions in developing our fee basis.

Once we receive the Notice to Proceed, the design process will begin immediately to open bids and award in early December 2024.

Please contact Luella Gabriel (925-969-8140) or Marie Santos (619-481-5010) if you have any questions regarding our proposal. We look forward to working with you again.

Sincerely,
Harris & Associates



Luella Gabriel
Project Manager



Marie Santos, P.E.
Director of Transportation

Enclosures: Exhibit 1 – 2025 Project Limits Map
 Attachment A: Fee Proposal and Assumptions



ESTIMATED LEVEL OF EFFORT							HARRIS & ASSOCIATES	
CITY OF COTATI							DATE:8/6/24	
2025 Street Improvements Project							ATTACHMENT A	
PHASE, TASK			HARRIS & ASSOCIATES					
			PROJECT DIR	QA/QC	PROJECT MGR	PROJECT ENGR	DESIGN ENGR	TOTAL
BASE SERVICES								
0.0 PROJECT ADMINISTRATION PHASE								
	0.1	Progress Meetings (6 mtgs)			8			\$1,840
	0.2	Progress Reports (6 reports)			6			\$1,380
	0.3	Project Management Tasks			24	8		\$7,120
SUBTOTAL HOURS			0	0	38	8	0	\$10,340
1.0 INVESTIGATION PHASE								
	1.1	Kick-off Meeting			1	1	1	\$565
	1.2	Data Collection				8	16	\$3,760
	1.3	Field Investigation				12	12	\$4,020
SUBTOTAL HOURS			0	0	1	21	29	\$8,345
2.0 FINAL DESIGN PHASE								
	2.1	Design Development (90%)			4	20	40	\$10,320
	2.2	Estimate of Probable Construction Cost (90%)	0.5		1	8	4	\$2,520
	2.3	Specifications and Contract Documents (90%)			2	16		\$3,660
	2.4	Quality Review (90%)		4				\$920
	2.5	Review Meeting (1 Mtg)			2			\$460
	2.6	Final Contract Documents	0.5	4	2	10	20	\$6,230
SUBTOTAL HOURS			1	8	11	54	64	\$24,110
3.0 BID PERIOD SERVICES								
	3.1	Pre-Bid Meeting			2	2		\$860
	3.2	Answer Bidder's Questions	0.5		4	4		\$1,870
	3.3	Prepare Addenda			4	8		\$2,520
SUBTOTAL HOURS			0.5	0	10	14	0	\$5,250
4.0 DESIGN SERVICES DURING CONSTRUCTION								
	4.1	Respond to RFI's (assume 4)	0.5		8	8		\$3,590
	4.2	Review Contractor Submittals (assume 8)			4	12		\$3,320
	4.3	Change Order Assistance	0.5	1	4	8	4	\$3,440
	4.4	Prepare Record Drawings		1	1		8	\$1,540
SUBTOTAL HOURS			1	2	17	28	12	\$11,890
HOURS PER POSITION			3	10	77	125	105	
HOURLY RATE (TYPICAL)			\$300	\$230	\$230	\$200	\$135	
FEE ESTIMATE PER POSITION			\$750	\$2,300	\$17,710	\$25,000	\$14,175	
PROJECT TOTAL								\$59,935

ASSUMPTIONS UPON WHICH LEVEL OF EFFORT ESTIMATE IS BASED:

- Hourly rates shown include all indirect costs, including travel time, mileage, miscellaneous reproduction and copying costs, mailings and delivery costs.
- Hourly rates shown are averages. Actual rates for positions may vary slightly.
- Hours and fee for individual tasks are a guide; the total hours and cost for the project takes precedence.
- Hours and fee may be renegotiated if the project is delayed by factors beyond Harris' control.
- Harris will identify and quantify all base failure areas. A spreadsheet will be developed for the base repair areas and inserted into the plans. The base repair locations will not be delineated on the plans but field notes will be available upon request.
- City will provide the following:
 - Access to any available drawings or information relevant to the project.
 - Final "front-end" documents.
 - Printing of PS&E set for bid advertisement and construction.
 - Notify utility agencies
- We assume a construction cost estimate of approximately \$664K which includes Design(10%) and CM (10%) services + 15% Cont.
- The number of budgeted meetings is indicated.
- City comments at each review stage will be presented to Harris promptly and on one consolidated set of marked-up documents.
- No utility mapping will be required.
- No public meetings or Council presentations will be required.
- No topography surveys will be required.
- Fee assumes design completion in year 2024.
- Slurry treated sheets will be identified in a key map and detailed spreadsheets will be developed to reflect the quantity takeoff for each street segment.

