

June 10, 2026

Estephany Monroy
Project Manager
City of Fontana
8353 Sierra Avenue
Fontana, CA 92335

Subject: City of Fontana- Scope and Fee for the Sierra Avenue and Riverside Avenue Intersection Redesign

Dear Estephany Monroy:

KOA (a Lochner company) is pleased to submit this scope and fee to provide engineering and design services for the City of Fontana- Sierra Avenue and Riverside Avenue Intersection Improvements Project. The City of Fontana approved the conceptual redesign of the intersection during a meeting on 4/30/2026 and would like to move forward to update the construction Plans, Specifications, Estimates (PS&E). Refer to **Attachment A** for the redesign layout that includes revisions discussed during that meeting.

SCOPE OF WORK

TASK 1 – PROJECT MANAGEMENT

This task will include the following items:

- Design, plan production and submittal oversight.
- Prepare monthly invoices with their respective progress reports.
- Conduct internal meetings as needed to resolve any project issues

TASK 2 – 90% DESIGN

Roadway Plans

KOA will use portions of the existing 100% Roadway Plans to prepare a new 90% Submittal and will retain the existing scale and orientation of the sheets. The Roadway Plans will update the following sheets:

- Title Sheet – 1 Sheet
- Typical Sections - 1 Sheet
- Road Details - 1 Sheet
- Street Improvement Plans and Profiles- 4 Sheets of 5 (includes 1 new sheet)
- Signing and Striping - 2 Sheets (of 4 Sheets)
- Traffic Signal Plans – 1 Sheet

Deliverables:

- Roadway Plans (90%) – 14 Sheets (10 Updated)

Specifications

KOA will answer technical questions and provide limited suggestions for the specifications prepared by the City.

Deliverables:

- Specifications at 90%

Cost Estimate

Cost Estimates will be prepared at 100% design stage. We will apply market construction costs for each bid item to the

quantities measured using a combination of available sources including Caltrans published data, recent bid prices from other local projects, and any other data provided for our use by the City. We will update the cost estimates based on the refinement of the quantities throughout the project.

Deliverables:

- Cost Estimate at 90%

TASK 3 – 100% DESIGN

Plans, Specifications and Estimates

KOA will submit electronic copies of the 100% plans, specifications and estimates to the City. The 100% plans will include all items listed in the 90% submittal.

Deliverables:

- Roadway Plans at 100%
- Specifications at 100%
- Cost Estimate at 100%

TASK 4 – OTHER SERVICES

Clearing Holes and Right-of-Way

- **Clearing hole services at up to four (4) locations (90%)**
 - KOA will sub-consult these services to T2 Utility Engineers, and they will perform the work specified in the proposal shown in **Attachment B**.
- **Right-of-Way Research and Legal Descriptions (90% and 100%)**
 - KOA will sub-consult these services to KDM Meridian, and they will perform the work specified in the scope of work shown in **Attachment C**.

SCOPE OF WORK ASSUMPTIONS & EXCLUSIONS

- All submittals will be made electronically.
- Any unforeseen scope of work items not described above will be considered as additional work and will be discussed with the City.
- Any significant changes on the scope will be treated as additional work and a new scope of work and fee will be negotiated with the City.

FEE ESTIMATE

KOA will perform the work specified in the scope above based on the fee below. See **Attachment D** for fee breakdown.

TASKS	FEE
1. Project Management	\$13,510
2. 90% PS&E	\$69,480
3. 100% PS&E	\$35,760
4a. Clearing Holes (T2 Utility Engineers)	\$18,070
4b. Right-of-way and Pothole Survey (KDM Meridian)	\$8,750
TOTAL	\$145,570.00

The budget is based upon the work scope and level of effort presented above and includes the cost of all related technical



and administrative services. The work scope is considered complete upon submittal of final documents by Lochner. Any additional services requested after document submittal will be considered as extra work and those fees will be negotiated prior to start of work and secured in writing.

WORK SCHEDULE

Refer to **Attachment E** for draft project schedule.

AUTHORIZATION

An amended professional service agreement shall be prepared and executed prior to work.

Sincerely,

KOA | A KOA Company

A handwritten signature in blue ink, appearing to read 'Kenneth Hawkins'.

Kenneth Hawkins, PE

Principal | California Area Manager

FEE ESTIMATE - AMENDMENT#2

CITY OF FONTANA

SIERRA AVE & RIVERSIDE AVE

ADDITIONAL BUDGET TO REDESIGN

	KOA						Total Hours	Other Direct Costs	T2 Utility Engineers (Clearing Holes)	KDM Meridian (Right-of-way Pothole Survey)	TOTAL
	Principal I	Project Manager II Marlon Medina	Engineer Associate II Raisa Baker	Engineer Associate I Mathew Lara	Project Services Coordinator II						
DELIVERABLES	Hourly Rates (Fully Burdened)										
ADDITIONAL BUDGET REQUEST FOR 65%PS&E	\$340.00	\$270.00	\$170.00	\$145.00	\$135.00						
TASK 1: PROJECT MANAGEMENT											
General Project Management, Project/Document Controls/Progress Reports	4	40			10	54					\$13,510.00
TASK 1 - SUBTOTAL	4	40			10	54					\$13,510.00
TASK 2: 90% PS&E											
90% Sheets											
Title Sheet - 1 Sheet		2		6		8					\$1,410.00
Typical Sections - 1 Sheet		2		8		10					\$1,700.00
Road Details - 1 Sheet		2	16			18					\$3,260.00
Street Improvement Plans and Profiles- 4 of 5 Sheets (1 New)	2	20	120	14		156					\$28,510.00
Signing and Striping - 2 of 4 Sheets	2	4		64		70					\$11,040.00
Traffic Signal - 1 Sheet	2	2	24	4		32					\$5,880.00
Estimates		4		64		68					\$10,360.00
Specifications (Technical)		12	24			36					\$7,320.00
TASK 2- SUBTOTAL	6	48	184	160		398					\$69,480.00
TASK 3: 100% PS&E											
100% Sheets											
Title Sheet - 1 Sheet		1		3		4					\$705.00
Typical Sections - 1 Sheet		1		4		5					\$850.00
Road Details - 1 Sheet		1	8			9					\$1,630.00
Street Improvement Plans and Profiles- 4 of 5 Sheets (1 New)	2	10	60	7		79					\$14,595.00
Signing and Striping - 2 of 4 Sheets	2	2		32		36					\$5,860.00
Traffic Signal - 1 Sheet	2	1	12	2		17					\$3,280.00
Estimates		2		32		34					\$5,180.00
Specifications (Technical)		6	12			18					\$3,660.00
TASK 3- SUBTOTAL	6	24	92	80		202					\$35,760.00
TASK 4: Other											
T2 Utility Engineers (Clearing Holes)								\$18,070.00			\$18,070.00
KDM Meridian (Right-of-way Pothole Survey)									\$8,750.00		\$8,750.00
TASK 4 - SUBTOTAL											\$26,820.00
GRAND TOTAL	16	112	276	240	10	654					\$145,570.00

NTE