



February 21, 2024

Remon Habib
City Engineer
City of Lake Elsinore
130 S Main St
Lake Elsinore, CA 92530

RE: Main St Interchange Signal Timing and Coordination AWR

Dear Mr. Habib,

STC Traffic (STC) is submitting this additional work request (AWR) associated with the out-of-scope items related to our services on the Main St Interchange project. STC developed synchro modeling and a technical memo to detail changes required with original design phasing to operate the new intersections. Additional services were requested and required following meetings with Caltrans on 8/28/2023, 11/13/2023, and 2/8/2024. Summary of additional efforts include:

- Additional Caltrans coordination.
- Synchro modeling for original design plan and five analysis scenarios including (clustered, non-clustered, split phasing, Camino Del Norte northbound left turn lane, etc.).
- Reporting the LOS results and per additional Caltrans requirements for LOS and queue thresholds of operation.
- Phasing changes per Caltrans direction.
- Controller software changed to Q-Free. STC to develop timing sheets for Caltrans.
- Operational demonstration and training at Caltrans facility (forthcoming). Increased effort due to controller software change.
- Timing adjustments for Caltrans intersections (forthcoming).

Fee Breakdown:

Item	Scope of Work	Sub Total
1	Additional Caltrans Coordination	\$2,000
2	Additional Synchro Modeling / Analysis and Reporting	\$13,500
4	Controller Software Change / Develop Caltrans Timing Sheets	\$3,000
5	Operational Demonstration and Training	\$5,000
6	Timing adjustments (Caltrans Intersections)	\$3,500
	Total	\$27,000

STC Traffic's fee estimate for the above effort including work performed is \$27,000. Caltrans requirements for demonstration, training, and alternative analysis is not fully known as we progress with the work we will continue to track the budget and inform the city when efforts are beyond what's anticipated. By signing below and returning a copy of this letter, you will have authorized STC this amendment. I appreciate the opportunity to provide these important services. If you have any questions regarding the scope of work or fee, please contact me, (714) 315-4640.



Sincerely,

Jason Stack, TE, PTOE
President

Accepted by:

Signature

Print Name

Date