

September 14, 2022

Lake Elsinore
Attention Yu Tagai, P.E.
130 South Main Street
Lake Elsinore, CA 92530

RE: Wasson Creek Culvert Plan Check Proposal

Dear Mr. Tagai,

We appreciate the opportunity to perform a structural plan check on the Wasson Creek Culvert at Elsinore Hills Road. HDR will review of the culvert and keystone walls structure plans, structure calculations, and Geotechnical Report submitted to the City by the developer.

The Scope of Work includes

- Prepare verification calculations of the culvert and the head walls, (keystone walls not included).
- Review sheets 11 to 17 and provide plan check comment for the culvert and head walls
- Review Geotechnical Report as it relates to the culvert and head walls.
- Plan review of the Keystone Walls

We have assumed one round of comments and review of one set of responses. We will need the calculations for the Culvert and Keystone Walls prior to starting the plan check and structure verification calculations.

The proposed fee for this work is \$31,491. See attached fee proposal for detailed task summaries. The expected time needed to complete the initial calculations and review is 3 weeks.

Sincerely,
HDR Engineering, Inc.



Daniel Weddell, P.E.
Vice President

HDR Engineering, Inc.
PROFESSIONAL FEE PROPOSAL
FOR

PROJECT:		Wasson Creek Culvert at Elsinore Hills Road Structure Plan Check	CONTRACT NO.		
CLIENT:		City of Lake Elsinore	OWNER:		City of Lake Elsinore
Prep. by :		D. Weddell	Date:		7/22/2022
RFP No :			Date:		7/22/2022
PROPOSED SERVICE:					
Task 1 - Culvert Plans Check - Review Plans - Geotechnical Report Review - Structure Verification Calculations					
MANHOOR SUMMARY:					
No.	Name	Classification	Manhours	Salary Cost	Total Labor Cost
1	Daniel Weddell	Project Manager	22	109.13	2,401
2	Chi-Hon Bao	Senior Bridge Engineer	117	62.00	7,254
3	Sr. Geotech Staff	Geotechnical Engineer	19	75.00	1,425
4	Materials Specialist	Corrosion Specialist		60.00	
5	Ceceil Mai	Clerical	4	38.00	152
(1)	Labor Cost (unburdened)		162		11,232
(2)	Overhead + G&A		154.88%		17,396
(3)	Total Labor + OH+G&A				28,628
(4)	Fee @		10%		2,863
(5)	Total Burdened Labor + Fee				\$ 31,491
(6)	Escalation Factor (% per year)		3%		\$ -
OTHER DIRECT COST SUMMARY					
01 Reproductions					
02 Xerox					
03 Computer					
04 Travel/Transportation					
05 SubConsultants					
06 Special Deliveries					
(7)	TOTAL ODC (Reimb)				\$ -
(8)	TOTAL PROPOSED AMOUNT				\$ 31,491

HDR Engineering, Inc.
MANHOOR ESTIMATES BY CATEGORY

PROJECT		Wasson Creek Culvert at Elsinore Hills Road Structure Plan Check					CONTRACT NO.	
CLIENT:		City of Lake Elsinore City of Lake Elsinore						
		Project Manager	Senior Bridge Engineer	Geotechnical Engineer	Corrosion Specialist	Ceritcal	TOTAL MANHOURS	TOTAL PROPOSED FEE
TOTAL MANHOOR SUM		22	117	19	0	4	162	31,491
Effective Hourly Rate		305.97	173.83	210.28	168.22	106.54		
TASK DESCRIPTION								
Task No.								
Task 01- Plan Check Review								
	Year	Escalation for this milestone						
	0							0
1.1	Project Management	4	-	-	-	4	8	1,650
1.2	Review Plans	12	24	-	-	-	36	7,843
1.3	Foundation Report Check	-	3	16	-	-	19	3,886
1.4	Verification Calculations	4	80	-	-	-	84	15,130
1.5	Bridge Lifespan Review	-	-	-	-	-	-	0
1.6	Review and Respond to Resubmittal	2	10	3	-	-	15	2,981
Labor SubTotal		22	117	19	-	4	162	31,491

0