

Exhibit A1

Scope of Work and Cost Proposal



Arnold Drive Bike Lane Project Amendment #1

21 February 2025

To	Cindy Rader	Contact No.	C18122
From	Jeremy Schmal	Project No.	12556796
Project Name	Arnold Drive Bike Lane Project		
Subject	Amendment #1		

Dear Cindy,

GHD is requesting additional funds to recover out-of-scope efforts to date and add the additional scope items through the remainder of the contract.

This letter serves as a formal notification of Amendment #1 for the Arnold Drive Bike Lane Project, which covers the following modifications to the original scope of work:

Additional Engineering

- The RFP refers to the Alignment Feasibility Study prepared by TY Lin. The study identified 2 culverts in need of lengthening, which would result in 3 new head walls/retaining walls/structure modifications. GHD and Biggs Cardosa developed their scope and fee based on the information provided in the RFP. During the preliminary design, the team identified 6 box culverts crossing the roadway within the project. Through the preliminary engineering process, it was determined and agreed upon that 4 of these need to be lengthened, resulting in 8 new retaining walls instead of the 3 originally anticipated. This resulted in significantly more effort on not only the structural engineering, but also for the surveyors, geotechnical engineer, GHD's engineering forces and environmental team.

Additional Environmental

- **Second ERC Version IS/MND** - County ERC members requested revisions to the Initial Study/MND relative to additional details on the project's proposed revegetation plan and related mitigation measures. Work performed by GHD included additional coordination calls with County staff, making revisions to the Initial Study/MND mitigation measures, updating revegetation details, replacement ratios, and updating Figures 6-1 through 6-17 to show planting areas and trees to be planted. The changes were presented in a second ERC Version Initial Study/MND, which was submitted for County review, and then revised for ERC review.
- **Second ERC Meeting** - GHD prepared a PowerPoint presentation and attended an initial ERC Meeting on February 27, 2024. County ERC members requested revisions to the Initial Study/MND relative to additional details on the project's proposed revegetation plan and related mitigation measures. Work performed by GHD included preparing a revised PowerPoint presentation with street view images and tree removal and revegetation plan figures, and updated summaries of the proposed project revegetation plan. This included coordination calls with County staff and attending and presenting at a second ERC Meeting on May 28, 2024.
- **Additional Effort for Arnold Drive Scenic Corridor Analysis** - To assist the evaluation of the project's potential effect on scenic vistas (i.e. scenic corridor analysis), GHD prepared a general plan consistency analysis and created Figures 6-1 through 6-17 showing planting areas and trees to be planted. Several conference calls were undertaken to discuss and finalize details of the project's scenic corridor evaluation and figure set.

- **Additional Effort for Stormwater Low Impact Development Facilities** - GHD has assisted the County with the evaluation of the project's storm water facilities. Work performed by GHD included site visits with County and Regional Water Board Staff, researching, understand and providing rough designs for LID facilities to meet permitting requirements. Work also included coordination calls and coordination emails with County and Regional Water Board staff.
- **Attendance of Environmental Staff at Bi-Weekly Coordination Meetings** - Since August 2023 to present, GHD environmental staff attended bi-weekly coordination calls with County staff to assist with coordinating the environmental review, which were not in GHD's original scope of work.
- **Significant changes in Regional Board Guidance** – The Regional Water Board has changed course on how to handle permitting routinely during this process. Additional hours and site visits were required to demonstrate the lack of wetlands on site. LID guidance has been switched back and forth several times. Procedures for handling of impacts has been revised several times by Water Board staff.

The summary of costs is below:

	Original (with contingency)	Total CO #1	New Budget
Total	\$594,814.43	\$227,495	\$822,309.43

We kindly request your approval for the above change order amount. Your response would be greatly appreciated.

Sincerely,

Jeremy Schmal, PE

Sub #1												
		Project Director- Larisa Escalle	Project Manager- Jeremy Schmal	Senior Engineer- Maya Eoff	Project Engineer- Emanuel Ikechi	Env Lead- Brian Bacciarini	Env Scientist- Sam Moose	Administration- Jenni Richards	Hours	GHD Cost	Biggs Cardosa	Cost
Labor + Overhead Rate		\$ 323.78	\$ 236.04	\$ 159.27	\$ 110.69	\$ 220.02	\$ 137.43	\$ 163.13				
Task 0	Project Management	54	36	0	0	0	0	84	174	\$ 39,684		\$ 39,684
Task 1	Preliminary Engineering	0	0	0	0	0	0	0	0	\$ -		\$ -
Task 2	Existing Conflict Identification	4	0	0	0	0	0	0	4	\$ 1,295		\$ 1,295
Task 3	Surveying/Mapping/ROW Engineering	0	0	0	0	0	0	0	0	\$ -		\$ -
Task 4	Geotechnical Engineering	0	0	0	0	0	0	0	0	\$ -		\$ -
Task 5A	Environmental Technical Memoranda & Studies	0	0	0	0	0	0	0	0	\$ -		\$ -
Task 5B	CEQA Documentation	0	0	0	0	0	0	0	0	\$ -		\$ -
Task 5C	Environmental Permitting	0	0	0	0	40	76	0	100	\$ 17,047		\$ 17,047
Task 6	Public Outreach	0	8	0	0	0	0	0	8	\$ 1,888		\$ 1,888
Task 7	65% PS&E	0	40	80	60	0	0	0	180	\$ 28,825		\$ 28,825
Task 8	90% PS&E	0	44	80	100	0	0	0	224	\$ 34,196	\$24,000	\$ 58,196
Task 9	Final (100%) PS&E	0	44	60	80	0	0	0	184	\$ 28,797	\$38,073	\$ 66,870
Task 10	Bidding and Construction Support	0	16	40	32	0	0	0	88	\$ 13,690		\$ 13,690
TOTAL HOURS		58	188	260	272	40	76	84	962	\$165,422	\$62,073	\$227,495
DIRECT COSTS								Miles	Rate			
	Mileage Costs								0.5650	\$ -		\$ -
	Plan Reproduction/Meeting Materials									\$ -		\$ -
												\$ -
												\$ -
TOTAL DIRECT COSTS										\$ -	\$ -	\$ -
TOTAL										\$ 165,422.12	\$62,073.00	\$ 227,495