

July 21, 2025

Ms. Emily Sinkhorn
Environmental Services Director
City of Arcata
736 F Street
Arcata, CA 95521

Annie and Mary Trail Construction Phase Support

Dear Ms. Sinkhorn,

GHD has prepared this supplemental scope of services for additional services requested by the City of Arcata (City) to support the Annie and Mary Trail Project. This scope of services assumes the following:

- Project construction will start mid-August 2025 and pause in mid-November 2025 (13 weeks) before recommencing mid-March 2026 and continuing through mid-November 2026 (36 weeks) for a total of 49 weeks of active construction.
- Most vegetation within the grading boundary will be removed between August 16, 2025 and March 15, 2026, outside of the nesting bird season.
- The Happy Valley wetland mitigation area will be constructed during 2026 and revegetation the fall/winter of 2026/2027.
- Environmental clearance surveys will follow the requirements outlined in the CEQA mitigation, monitoring, and reporting program (MMRP) prepared for the project.

SCOPE OF SERVICES

GHD will provide as-requested construction period support services based on the availability of authorized budget. A general description of these anticipated services is included below. The actual services provided may vary depending on project needs, contractor characteristics, requests of the City, budget, and other factors.

Task 1 – Project Management, Meetings, and Coordination

The GHD project manager will attend meetings on an as-needed basis with the City and provide project management support throughout construction.

Task 1 Deliverables

- Meeting agendas and minutes, as required

Task 2 – Environmental Compliance Support

Task 2.1 – 2.3 Preconstruction Surveys for Nesting Birds, Roosting Bats, and Special Status Wildlife

GHD will provide a qualified biologist(s) to conduct preconstruction surveys for special status wildlife species including northern red-legged frog, foothill yellow legged frog, northwestern pond turtle, roosting bats, and nesting migratory bird species as-needed throughout the construction phase of the Project. If active bird nests are detected during preconstruction surveys, they will be regularly monitored until nesting activity ceases. If suspected bat roosts are detected during preconstruction surveys, follow-up emergent bat surveys will be conducted to confirm roosting status. If occupied suitable habitat for special status reptiles and amphibians is detected during preconstruction surveys, relocations of sensitive species will be conducted as necessary. Qualified biologist(s) will follow survey guidance from the Environmental Protection Actions detailed in the MMRP. Methods and results from each survey and recommendations to protect identified sensitive resources will be reported to appropriate project personnel and documented with a technical memorandum for compliance records.

Task 2.1 – 2.3 Deliverables

- Up to five preconstruction surveys for nesting birds, roosting bats, and special status wildlife documented by technical memoranda (one per survey). Technical memoranda will be developed only if findings are positive. Email documentation will be provided if findings are entirely negative.
- As-needed active nest monitoring between February 1 and August 31.
- Up to four emergent bat surveys as needed to confirm suspected roosting status.
- Up to three as-needed amphibian and/or reptile relocation events.

Task 2.4 Soil and Groundwater Management Plan Implementation Support

GHD will prepare an addendum to the SGMP if warranted based on future sampling results. GHD will assist the city with overseeing that contractor's implementation of the Soil and Groundwater Management Plan (SGMP). Work will include the development of an addendum that will be attached to the SGMP following receipt of the soil sampling analytical results for the remainder of the polycyclic aromatic hydrocarbon (PAH) and metals analyses.

Task 2.3 Deliverables

- SGMP Addendum for PAH and metals results.
- As-requested support on a time and materials basis not to exceed the Task 2.4 allowance shown in the attached 10-H format fee schedule

Task 3 – Year 3 Happy Valley Wetland and Other Waters Mitigation Monitoring

A GHD wetland scientist(s) will conduct Year-3 monitoring and reporting consistent with the monitoring section of the Project's Final HMMP. Year-3 monitoring includes a baseline quantitative summary of the Happy Valley mitigation site and a brief qualitative summary of conditions as compared to Year-1. Results from Year-3 monitoring of the Happy Valley mitigation site will be compared to Year-1, supported by photos.

Happy Valley Wetland Mitigation Monitoring

A GHD wetland scientist(s) will quantitatively conduct monitoring and reporting consistent with monitoring requirements and vegetation success criteria documented in Section 5 of the Final HMMP. In addition, the report will document comparative updates and trends relative to the Year-1 establishment monitoring event conducted by the City. Recommendations for adaptive management will be provided directly to the City and will be integrated into the final reporting document as desired.

Quantitative monitoring and reporting will include:

- Quantitative assessment of success criteria (in HMMP) for wetland mitigation area; and
- Monitoring methodology and data summary.

Qualitative monitoring and reporting will include:

- Notation of distinctive pattern of plant die-off and overall plant survival compared to planted species and quantities from Year-1 documentation of mitigation;
- Mitigation site plantings' overall vigor and health and recommendations for corrective action if the site is observed to be failing;
- Notable encroachment of non-native species into the mitigation area;
- Removal of non-native species from the mitigation area and documentation of other maintenance activities, if any;
- Captioned photographs; and
- Recommended adaptive management and stewardship considerations.

Results of both quantitative and qualitative monitoring in Year-3 at the Happy Valley mitigation site will be included in one report summary (template provided by City) for the City to use as a standalone report or to be combined with results of Other Water monitoring event summaries that the City will produce.

Task 3 Deliverables

- Draft and final monitoring report for Year-3 monitoring events

Task 3 Assumptions

- The details of monitoring requirements outlined in this scope are based on the draft second revision of the Project HMMP (“Rev2”). Details of monitoring commitments may change based on final NCRWQCB approval of the finalized HMMP, which has yet to occur.
- The City will conduct Year-1 monitoring for each mitigation site as outlined in the HMMP and will provide GHD with necessary information to complete Year-3 monitoring, including the draft Year-1 report template developed for Year-1 reporting and established photo point GPS locations and “before” photos.
- Up to two rounds of City comments will be addressed between the draft and final report.
- If mitigation success must be demonstrated in Year-3 based on results of quantitative monitoring, additional scope and fee may be developed to provide a separate site analysis to document wetland soil and/or hydrology indicators supporting three-parameter development and incorporate results into Year-3 monitoring report.
- If mitigation success is demonstrated in Year-3, then the City will engage agency personnel to close out the Project.
- Up to one round of agency (NCRWQCB) comments will be addressed after final report submittal.
- The following tasks are not included in the scope and fee estimate:
 - Monitoring of Other Waters mitigation sites, re-created wetland ditches, or SNC mitigation sites
 - Agency correspondence for reports and results contained therein
 - Additional site analyses to document wetland parameters (i.e., hydrology indicators) outside of summer season vegetation monitoring
 - Submittal of request to close out Project monitoring with agencies, pending results of Year-3 monitoring

ASSUMPTIONS AND EXCLUSIONS

This scope of services is based on the tasks described above which are anticipated for the project, and the following assumptions:

- All deliverables will be provided as electronic PDFs unless otherwise requested by the City;
- The City is responsible for the overall construction management and inspection and will provide a RE and construction inspectors for the project. GHD will supplement the City's team and provide as-requested support services to assist the City;
- The City will be responsible for labor compliance oversight and documentation, including but not limited to employee interviews, reviewing certified payrolls, and checking prevailing wage rates;
- The City will be responsible for preparation of Caltrans Reimbursement Requests, Notice of Completion, Final Reports and Expenditures, and other documentation not identified in the above scope. Participation in Caltrans or FHWA audits is not included;
- Construction staking/layout, materials testing, and geotechnical engineering, observation and inspection is not included;
- GHD assumes the City will complete required pre- and post-construction notifications to permitting agencies as described in the project's permit documents. This scope does not include post-construction wetland monitoring and reporting services except where detailed in Task 4 above;
- The contractor is responsible for construction means and methods, and site safety;
- GHD will provide support services as-requested by the City up to the authorized budget amount; and
- Should additional services not identified in this scope be request or required, they can be provided as budget allows, or through a budget amendment.

COMPENSATION

The fee has been developed in the required 10-H format. GHD will provide the services outline in the above scope on a time and materials, as-requested basis, up to the budgeted amount. The services required to complete the project may be different than those identified in the tasks above and will depend on the involvement and requests by the City, other agencies, as well as actual field conditions, contractor characteristics and other factors. GHD will provide construction period support services as requested by the City up to the authorized budget amount. Should the effort to complete requested services exceed the budgeted amount, a budget amendment would be required.

GHD looks forward to continuing to support the City with this project. Please contact me if you have any questions or would like to meet to discuss the information contained in this proposal.

Regards,



Andrea Hilton
Sr. Environmental Planner

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City of Arcata
Annie and Mary Trail Project

Construction-phase Support
18-Jun-25

Task	Class>>	A003 - Senior	A004 -	A005 -	A006 - Senior	A007 - Senior	A008 -	A009 -	D008-D010 -	Total GHD Fees	SHN	ODC's (Local Mileage)	Totals
		Tech Director 3	Technical Director 1	Technical Director 2	Professional 1	Professional 2	Professional 1	Professional 2	Project Support 4				
Hourly Rate (Year 1)>>		\$286.31	\$266.25	\$240.38	\$199.41	\$174.84	\$151.88	\$138.55	\$118.66				
Task 1: Project Management													
Task 1 – Project Management, Meetings and Coordination		4	50						15	\$16,237.57	\$0.00	\$42.00	\$16,279.57
Total Hours		4	50	0	0	0	0	0	15				
Total Cost		\$1,145.22	\$13,312.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,779.95	\$16,237.57	\$0.00	\$42.00	\$16,279.57
Task 2: Survey and Base Mapping													
2.1 – Bat Emergence Surveys			2			12		12		\$4,293.13		\$42.00	\$4,335.13
2.2 – Nesting Bird Surveys			2			95	10	80		\$29,744.76		\$1,029.00	\$30,773.76
2.3 – Frog and Turtle Relocations			2			24		24		\$8,053.76		\$42.00	\$8,095.76
2.4 – SGMP Implementation Support			2	80						\$19,762.94		\$105.00	\$19,867.94
Task 2: Total Hours		0	8	80	0	131	10	116	0				
Task 2: Total Cost		\$0.00	\$2,129.98	\$19,230.44	\$0.00	\$22,903.77	\$1,518.83	\$16,071.55	\$0.00	\$61,854.58	\$0.00	\$1,218.00	\$63,072.58
Task 3: Post-Construction Monitoring													
3 – Year 3 Happy Valley Monitoring			8			55	6			\$12,657.37		\$42.00	\$12,699.37
Task 3: Total Hours		0	8	0	0	55	6	0	0				
Task 3: Total Cost		\$0.00	\$2,129.98	\$0.00	\$0.00	\$9,616.09	\$911.30	\$0.00	\$0.00	\$12,657.37	\$0.00	\$42.00	\$12,699.37
Anticipated Salary Increases										\$3,478.10			\$3,478.10
TOTAL HOURS		4	66	80	0	186	16	116	15				
TOTAL FEES		\$1,145.22	\$17,572.37	\$19,230.44	\$0.00	\$32,519.86	\$2,430.13	\$16,071.55	\$1,779.95	\$94,227.62	\$0.00	\$1,512.00	\$95,739.62