

Environmental Work – Estimated Cost \$200,000

Consultant shall perform all required environmental research and analysis necessary for the project, pursuant to the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) requirements, as well as the policies and procedures contained in Caltrans' Environmental Handbook and Local Programs Manual which includes the following:

2.1: Technical Studies – Coordinate the preparation of all necessary and required studies to support the NEPA Categorical Exclusion (CE). Consultant will prepare and distribute copies of the technical studies for each of the review cycles and will respond to comments and update the studies as needed for approval. Technical studies include the following:

2.2: Noise Memorandum – Consultant will prepare a Noise Memorandum that assesses the project's potential effects on existing and future noise conditions, including construction impacts. Consultant will review applicable Federal (Caltrans) and City noise and land use compatibility criteria for the project area. Noise standards regulating noise impacts including Federal Highways (FHWA) Noise Abatement Criteria (NAC) and standards included in the City's Noise Ordinance will be discussed for sensitive land uses adjacent to the project.

2.3: Initial Site Assessment (ISA) – Consultant will prepare an ISA to identify all documented hazardous waste sites located within the project study area, as well as facilities located within the project study area that store, transfer, or utilize large quantities of hazardous materials. Consultant will conduct an agency records search to identify all hazardous waste sites located within the project study area and classified as a hazardous waste site under state law. Consultant will conduct a visual survey of the project area via available public access to identify any obvious area of hazardous waste contamination. If hazardous waste sites are identified within the project study area (via governmental records and/or the visual survey), the team will determine the potential impacts to the project and identify subsequent procedures to determine the extent of contamination and remediation requirements.

2.4: Cultural Resources – Consultant shall prepare documentation in accordance with Section 106. This work shall include the efforts to record archaeological and historical resources identified within the study area. A Historic Property Survey Report (HPSR) will be prepared to identify and evaluate each cultural resource in the project area and evaluate the potential for impacts this project could have on those resources.

Archaeological Survey Report (ASR) and Historic Property Survey Report (HPSR) –All cultural resource efforts will be completed in compliance with Section 106 of the National Historic Preservation Act (NHPA) and will follow the requirements set forth in the Caltrans Environmental Handbook Volume II, Cultural Resources and the Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Office (SHPO), and the Caltrans Regarding Compliance with Section 106 of the NHPA, as it pertains to the administration of the Federal-aid Highway Program in California.

Research – A comprehensive cultural resource records search will be conducted at the North Central Information Center (NCIC), located at Sacramento State University. The NCIC is the state-designated repository for records concerning cultural resources in Amador City. The records search will provide information on known cultural resources and on previous cultural resources investigations within a one-mile radius of the project area. Data sources that will be consulted at the NCIC include archaeological site and artifact records, historic maps, reports from previous studies, and the state’s Historic Resource Inventory for City of Amador City, which contains listings for National Register of Historic Places, California Register of Historical Resources, California Historical Landmarks, and California Points of Historical Interest.

Native American Coordination – Consultant will contact the Native American Heritage Commission (NAHC). The NAHC will provide a list of Native American groups to contact regarding this project. With City approval, consultant will contact each tribe via certified mail. After 28 days, consultant will follow up via telephone with those groups that have not commented. Consultant will document all efforts to consult with each tribe.

Field Survey – Consultant will conduct a systematic field survey of portions of the APE that are not obscured by asphalt/concrete. The ground surface will be visually examined by an archaeologist for evidence of prehistoric (Native American) or historic (non-Native American) archaeological materials and other potential historic resources (e.g., buildings, bridges, railroads, mines, or canals). To meet State standards, any previously unrecorded resources identified during the survey will be recorded on State of California DPR 523 forms.

Reports – Consultant will prepare a Caltrans format Historic Property Survey Report (HPSR) and an Archaeological Survey Report (ASR). The reports will describe: 1) the results of Native American Consultation, 2) research and field methods used in identifying cultural resources, 3) the archaeological and historic resources identified in the project vicinity, and 4) the potential of the project to adversely impact any archaeological or historic resources.

2.5: Biological Resources (Natural Environment Study [NES]) – Consultant will conduct field surveys, extensive literature research, and agency coordination to assist in determining the existence or potential occurrence of sensitive plant and animal species on the project site or in the vicinity. Literature under review will include federal and State lists of sensitive species and current database records from the United States Fish and Wildlife Service (USFWS), California Natural Diversity Data Base (California Department of Fish and Wildlife [CDFW], 2009), and the California Native Plant Society’s Electronic Inventory of Rare and Endangered Vascular Plants of California (Skinner, et al., 2004). In accordance with Caltrans guidelines, subconsultant will submit a letter to the USFWS requesting a list of threatened and endangered species known in the project vicinity. The results of the records search will be summarized in a table and included in the NES.

Consultant will prepare an NES that will include a description of the field methods used and the results of the biological assessment of the project area. The report will list plant and animal species present, along with a general description of the plant communities occurring within the project area. If any

sensitive resources are found on the site, subconsultant will prepare, and include in the NES, a graphic displaying the location of the sensitive resources observed. The report also will contain tables describing sensitive species and their habitats that are present or potentially present; it also will identify and assess project impacts on the existing biological resources, including any sensitive species. Avoidance, minimization and/or mitigation measures will be included as necessary.

2.6: Community Impact Memorandum – Consultant will prepare a Community Impact Memorandum which will document potential impacts this project could have to the local community. The memorandum will discuss Social Impacts, Businesses and Residences affected by the project (detours and circulation), and community resources such as schools, parks, and emergency services. This project does not anticipate the need for commercial relocations.

2.7: Visual Technical Memorandum – Consultant will conduct a field visit to assess existing visual resource conditions in the project area. The field visit will include an inventory, including photograph documentation, of the following existing conditions: viewpoints; notable visual resources; the vividness, intactness, and unity of the project area; and the site's landscape units. An analysis will then be performed to compare the visual quality and character of the future conditions, the viewers and viewpoints, and changes in vividness, intactness, and unity.

2.8: Prepare Draft Environmental Document – Consultant will incorporate the purpose and need, project description, and the technical studies into the draft document. Consultant will prepare sections for Human Environment, Physical Environment, Biological Environment, and Cumulative Impacts. The Initial Study (IS) (Proposed Mitigated Negative Declaration (MND)) will determine if the project will have any significant adverse effects on the environment under both state and federal standards, identify potential mitigation measures for such impacts, and determine if the mitigation measures reduce all impacts below a level of significance.

The Draft IS/MND will be provided to agencies for review and comment. The Draft IS/MND will be revised by consultant in response to the agencies' comments and the IS/MND will be released to the public for their review and comment.

Public Circulation and Public Meeting – Consultant will produce the IS/MND for public review. The IS/MND has a critical objective of providing a means by which the general public and responsible agencies can participate in the environmental process by providing written comments on issues addressed in the IS/MND. Consultant will prepare the requisite public notices and hard copies of the document and technical studies for distribution of the IS/MND. Consultant will coordinate the preparation of the distribution list with the City and Caltrans. During circulation of the draft Environmental Document, consultant will hold a public meeting to answer questions and address concerns.

Prepare Responses to Comments – At the close of the public review period for the IS/MND, consultant will meet with City staff to review any comments on the IS/MND that were received, and to discuss potential responses to these comments.

Consultant will then formulate responses to the comments on the IS/MND. Once draft responses to comments are completed, they will be submitted to City staff for review and comment. The City's comments will be incorporated into the response to comments document, which will be submitted to the City as an appendix in the IS/MND for use in public meetings.

Environmental Commitment Record – Consultant will prepare an environmental commitment record, including monitoring forms, to ensure that the mitigation measures contained in the IS/MND are properly implemented.

Prepare Final Environmental Document – Consultant will incorporate all public comments and final mitigation measures into the final IS/MND.

Final Administrative Record – Prior to action on the Final Environmental Document, subconsultant will assist the City in preparing appropriate findings and determinations for the Final Administrative Record.

2.9: Prepare Notice of Determination (NOD) and NEPA CE – To complete the Environmental Document process, Consultant will file a Notice of Determination with the City Recorder's Office within 5 days of approval of the IS/MND (pursuant to CEQA guidelines). Consultant will prepare the NEPA CE. The NEPA process will be complete upon obtaining Caltrans signature on the CE.

2.10: Environmental Permits - The City does not anticipate any environmental permitting will be required.

Total Environmental Phase Estimated Cost - \$200,000