

BOS AGREEMENT NO. _____

DOT AGREEMENT NO. 120009

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

AMENDMENT NO. 2 TO DOT AGREEMENT 100086 FOR PROFESSIONAL SERVICES

BROOKTRAILS SECOND ACCESS — PRELIMINARY ENGINEERING

THIS AMENDMENT NO. 2 is made and entered into this _____ day of _____, 2012 by and between the COUNTY OF MENDOCINO, hereinafter called "COUNTY," and DRAKE HAGLAN AND ASSOCIATES, 11060 WHITE ROCK ROAD, SUITE 200, RANCHO CORDOVA, CA 95670, hereinafter called "CONSULTANT."

WITNESSETH

It is mutually agreed between COUNTY and CONSULTANT that payments to CONSULTANT including the total amount of salaries and expenses (those for the original Agreement and for Amendment Nos. 1 and 2) shall be amended to not exceed \$456,000 for that work as set forth in the original Agreement scope of services for Phase 2, incorporating the below-listed modifications.

- Using the information and data from the project's Supplemental Feasibility Study (Rev 1), perform the work scope needed to further develop the Brooktrails Second Access project such that future funding sources (e.g., federal-aid programs) can be readily engaged for follow-on phases of design, right-of-way acquisition and construction.
- Attachment (1) provides the detailed scope of services for this Amendment No. 2 and said scope of services is based on the following assumptions:
 - The project has multiple alternatives, so the appropriate level of environmental documentation under NEPA is an Environmental Assessment (EA) and the appropriate environmental documentation under CEQA is an Environmental Impact Report (EIR).
 - In determining the most appropriate alternative for the Brooktrails Second Access, the following will be analyzed:
 - (•) Alternate I-H
 - (•) Alternate A
 - (•) The "no build" alternative
- Projected Additional Cost, Amendment No. 2: \$327,000

As a result of this Amendment No. 2, the completion date for DOT Agreement No. 100086, Phase 2 shall be extended to 28 June 2013, with completion of all work products under Phase 2 to occur on or before said date. The Agreement may be further extended by written mutual agreement of COUNTY and CONSULTANT.

All remaining provisions of DOT Agreement No. 100086, including Amendment No. 2, are hereby reaffirmed and shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused this AGREEMENT to be executed the day and year first above written.

[illegible]

EXHIBIT A

DOT AGREEMENT NO. 100086

BROOKTRAILS SECOND ACCESS — PROJECT APPROVAL AND ENVIRONMENTAL DOCUMENTATION (PA&ED) PHASE

SCOPE OF SERVICES

PROJECT DESCRIPTION/BACKGROUND OF PROJECT

The Brooktrails Second Access Project is a multi-phase project with the ultimate purpose of developing an alternative access route to Sherwood Road (CR 311) into Brooktrails Township. This scope of services provides for the initiation of the Project Approval and Environmental Documentation (PA&ED) phase of this project.

This PA&ED phase utilizes the alternative alignments identified in the feasibility study as the study alignments for the environmental document. The project will be developed according to federal-aid project development procedures so that federal-aid funding sources can be utilized for future phases of design and construction. This project has multiple alternatives so the appropriate level of documentation is an EIR under CEQA and an EA under NEPA. This scope is prepared assuming that the level of documentation is an EIR/EA.

This scope is prepared assuming that Alignments I-H and A will be studied along with the "no build" alternative.

SCOPE OF SERVICES

This Scope of Services describes the tasks and associated activities necessary during the first year of the multi-year process to secure Project Approval and Environmental Documentation for the Brooktrails Second Access road. The scope follows the work flow tasks as described in the Caltrans Project Development Procedures Manual (PDPM) and the Project Development Workflow Tasks (PDWT) Manual. In the context of the PDPM, The Brooktrails Second Access Feasibility Study satisfies the requirements of the Draft Project Report, so this scope picks up at workflow Task 165 - "Perform Environmental Studies and Prepare Draft Environmental Document" and takes it through the first year of the work necessary for the approval of the environmental documents. The approval of the environmental document is expected take approximately three years.

TASK 1 PROJECT MANAGEMENT AND ADMINISTRATION

Task 1 is the Project Management and Administration for the first year of the PA&ED phase (the Project).

Task 1.1 NTP/Project Kick-off Meeting

Work on the project will commence with the Notice to Proceed from the County. A project kick-off meeting will be held at the Mendocino County DOT office. The project work plan (schedule, scope and budget) will be discussed. Key milestones in the development process will be discussed, as well as submittal requirements for agency reviews.

Task 1.2 Project Management

DHA will manage the project through a combination of schedule and budget tracking. Close contact will be maintained between the DHA Project Manager, the County Project Manager and subconsultant personnel. The Project manager will create and maintain an "issues log" for the project, which will list ongoing issues encountered during the course of the project that require an action or decision, the responsible decision-maker for that issue, the date the issue surfaced and the date the issue was resolved. This "issues log" will be transmitted to the County on a regular basis.

Progress reports will be prepared monthly. The progress reports will identify work completed since last report, work anticipated for the next month, and action items necessary to keep the project on track and moving forward. DHA will also prepare a schedule in Microsoft Project to track work on the project. The progress reports and up to date schedule will be prepared and submitted monthly.

Task 1.3 Project Status Meetings

DHA will facilitate project status meetings every two weeks by teleconference after the initial kick off meeting. The meetings will include a discussion of project issues including schedule, budget and scope. For each meeting, DHA will arrange for the appropriate participants to attend, prepare a meeting agenda in consultation with the County Project Manager, and distribute the agenda to the attendees prior to the meetings. DHA will distribute meeting notes to each of the attendees within one (1) week of each meeting.

Task 1.4 Project PDT Meetings

DHA will facilitate PDT meetings approximately monthly, or as needed at critical milestone points are reached and input of the full PDT is needed. For each meeting, DHA will arrange for the appropriate participants to attend, prepare a meeting agenda in consultation with the County Project Manager, and distribute the agenda to the PDT prior to the meetings. DHA will distribute meeting notes to each of the PDT within one (1) week of each meeting.

Task 1.5 Quality Control

DHA will provide internal quality control on products submitted to the County. A project specific Quality Control Plan will be developed before work begins and will include procedures and checklists for the functional units. DHA will provide an independent quality control review. Quality control will be accounted for and shown on the project schedule and the plan will be included in the project information binder.

Deliverables:

- Agenda for each project status/PDT meeting
- Meeting minutes for each project status/PDT meeting

Task 1.6 Stakeholder Database

DHA will create and maintain a stakeholder database of interested and potentially interested individuals and groups. The database will include contact information, the nature of their interest in the project, and a record of activity during the course of the project such as phone calls, e-mail, letters

and comment cards, attendance at public meetings and contact at individual interviews.

Task 1.7 Consensus Building Meetings

DHA will facilitate an individual meeting with key stakeholders and concerned individuals at the request of the County. This meeting will be a face-to-face focused meeting with specific individuals or groups. It is assumed that there will be one individual face-to-face consensus building meeting during the first year of the PA/ED phase of work.

Task 1.8 Public Open House Meetings (deferred, not a part of this scope of work)

Deliverables:

- Stakeholder database
- Public meeting records
- Records of meetings with key individuals/associations (1)
- Information for websites
- Reports of public involvement

Task 1.9 Prepare Right of Entry Letters with Exhibits

DHA will prepare letters for the County to send to property owners where entry rights are needed for surveys, geotechnical explorations, and environmental field observations for the technical studies.

TASK 2 PRELIMINARY ENGINEERING FOR ENVIRONMENTAL STUDIES

This task provides the engineering studies to support the environmental documentation necessary during the first year of the PA/ED phase of work. The two study alignments need to be developed to the 30% design stage to provide sufficient detail needed to determine areas of impact to biological and cultural resources. Geotechnical, hydraulic/hydrology and traffic studies are necessary to support the preliminary engineering of the roadway alignments and the environmental reports. Utility impacts and right of way impacts are evaluated in this task. Cost estimates are developed for the two study alternatives.

Task 2.1 Preliminary Plans (Geometric Approval Drawings)

Prepare horizontal and vertical alignments, cross sections, typical sections, construction staging/detour plans for the two study alignments. Identify locations for retaining walls, bridges, large culverts and cuts and fills. The alignments will be developed using the design criteria for a rural collector road as described in the County of Mendocino Road Standards and AASHTO "Green Book". Caltrans Highway Design Manual will be used for connection of Alternative A to State Route 20, and for the connection of I-H to the proposed roundabout at Highway 101 (assuming the roundabout in within Caltrans right of way).

Using the mapping prepared for Original and Supplemental Feasibility Study, DHA will refine the alignments for Alternatives A and I-H. DHA will revisit the alignments generated in the Supplemental Feasibility Study to determine if the use of retaining walls or bridges could be cost-effective in reducing the impacts of the alignments and the right of way needs of the project. DHA will prepare summary sheets for each alignment describing alignment features,

preliminary construction cost estimates, potential bridge and retaining wall locations, environmental, hydraulic and geotechnical considerations.

The logical connections of the termini of the potential alignments will be identified based on anticipated sight distance and other safety requirements for such a connection. The need for changes to traffic control at any new intersections will be evaluated and proposed right-of-way controls and configurations discussed with County staff.

Task 2.2 Prepare Structures Advance Planning Studies

Prepare Advance Planning Studies for structures. Assumes one bridge total on Alternative I-H at Upp Creek. Prepare Advance Planning Studies for retaining walls. Assumes five non-standard walls, such as tie-back, soldier pile, soil nail or mechanically stabilized embankment retaining walls.

Task 2.3 Engineering for Environmental Study Exhibits

This task includes preparation of the backup documents needed for the environmental documents, such as the Project Description, Areas of Potential Effect (APE) maps, areas of disturbance, (including areas available for contractor staging areas), descriptions of construction techniques, anticipated construction equipment on site, truck trips generated, etc.

Task 2.4 Traffic Studies (to be deferred, not a part of this scope of work)

Task 2.5 Soils and Geologic Studies

DHA will direct and oversee the geotechnical services to be performed by Taber Consultants. The scope of services for geologic studies will include a geologic / geotechnical review of the proposed alignments and limited subsurface investigation to better delineate large scale geohazards and to obtain general subsurface properties along the proposed alignments. The services for each proposed alignment are detailed below.

Alignment A

- Site review by engineering geologist to assess site for potential geohazards and
- Six (6) seismic refraction lines of up to 300 feet length each. Locations of the lines will be in areas mapped as "disturbed ground" and in locations of large cuts or fills.

Alignment I-H

- Office Review of proposed alignment with reference to available aerial photos, geologic and geotechnical reports, and geologic mapping,
- Site review by engineering geologist to assess site for potential geohazards,
- Three (3) logged and sampled borings to approximately 60-100 feet depth to help delineate the size, depth, and geometry of the large mapped landslide near the western end of the alignment,
- Installation of TDR cables in each of the bored holes to help delineate depth of slide, and
- Seven (7) seismic refraction lines of up to 300-ft length each. These lines will be located in areas of potential cut or fill.

Upon completion of office study, large-scale features (e.g., landslides, debris slides) that are identified will be given a preliminary field evaluation to determine activity, extent and general stability of the features (if not already reviewed during earlier work). Field evaluation will be limited to observations of surface features only and detailed geologic mapping will not be conducted during this field review, although a preliminary evaluation and opinion of the large-scale features will be documented in the field. Any additional observations of springs, seeps or other surface features will also be documented as identified.

The site review will also be used to determine potential drilling locations and site access requirements. During the site review potential drilling locations will be marked for Underground Service Alert mark out.

Prior to field review, the alignment should be staked by the surveyors so that features can be identified and located based on project stationing and offset. Topographic mapping (1-ft contour intervals) for the roadway alignments should also be provided by the client or County prior to mapping in the field. Topographic mapping will need to cover areas on either side of the proposed roadway alignment sufficient to evaluate slope stability. Specifically, topographic mapping must encompass the areas identified as landslides in available geologic and geotechnical reports. GPS will also be used as a secondary locator in the field.

For the purpose of this proposal, an allowance for two days of field review to observe field conditions at identified large-scale geo-hazards has been included. This allows a licensed geologist two days for field review of large-scale structures. A half day of review is also included for a senior engineering geologist to perform a cursory site visit to discuss and observe the findings of the field geologist.

Exploration Details

Prior to commencement of field exploration, Taber will mark the site and notify Underground Service Alert [USA] for location of underground utilities before starting field exploration. Field exploration will be coordinated with the County as necessary.

The field explorations (borings) are expected to be in County right-of-way and on private property. At the completion each borehole will be backfilled per permit requirements. The scope of geotechnical services specifically excludes sampling for or evaluation of the presence or distribution of hazardous materials. If hazardous materials are identified during field exploration, work will be stopped at that location and the County notified.

Taber will recover samples of soil from the borings at 5-ft intervals using Standard Penetration Test [SPT] equipment and larger diameter split-spoon as necessary. Diamond bit rock coring will be used to penetrate encountered rock and recovered core will be retained for reference, however coring will be limited to no more than 10-ft of penetration in each bore hole (total of 40-ft of coring). Other sampling techniques may be used as necessary. The encountered soils will be field classified and borings will be logged [including groundwater conditions] by an engineer/geologist.

During drilling for the landslide investigation for Alignment I-H Time Domain Reflectometry cables (TDR) will be installed in the borings. These will be read prior to completion of the subsurface investigation. After the rainy season the

TDR installations will be read again to determine if measurable ground motion has occurred. If Alignment I-H is selected for final design these installations can be used to monitor this slope during and after construction.

Deliverables:

This work will be summarized in a report and will include:

- A generalized geologic map for the project area,
- Summary of the local geology and conditions,
- Summary of geologic hazards affecting the proposed alignments,
- Summary of field observations,
- Boring Logs for field exploration,
- 2D Seismic Refraction Profiles, and
- Conclusions and recommendations for proposed alignments discussing potential cut and fill slope configurations, drainage, and geotechnical and engineering geologic considerations for alignment feasibility and recommendations for required investigation for final alignment design.

Task 2.6 Initial Site Assessment (to be deferred, not a part of this scope of work)

Task 2.7 Preliminary Hydrology/Drainage Study (to be deferred, not a part of this scope of work)

Task 2.8 Utility Research and Information Request (to be deferred, not a part of this scope of work)

Task 2.9 Right of Way (to be deferred, not a part of this scope of work)

Task 2.10 Prepare Cost Estimates (to be deferred, not a part of this scope of work)

TASK 3 ENVIRONMENTAL DOCUMENTS

DHA will direct and oversee the work performed by Sycamore Environmental Consultants (Sycamore) for the preparation of the environmental documentation during the first year of the anticipated three year process to gain environmental approval of the project.

Sycamore is familiar with the nearby Willits Bypass Project and has provided services for that project. The Willits Bypass Project documentation has been reviewed in preparation of this scope. The Willits Bypass conducted protocol Northern Spotted Owl (NSO) surveys from 1991-1993 and in 1999-2000. The Modified J1T alternative that was selected as the Bypass route does not have NSO nesting habitat. Sycamore has anticipated that the biological documentation for this project will require and make use of any relevant information from the nearby Willits Bypass Project.

There is a strong possibility that federal funding administered by Caltrans may be secured at some point for this project, so that Caltrans Local Assistance would be the NEPA lead. The County is the CEQA lead agency for the proposed project. The technical reports and environmental documentation will be prepared using the Caltrans Local Assistance templates in anticipation of their future review.

It is likely that NEPA compliance will require preparation of an Environmental Assessment (EA) and that CEQA compliance will require an Environmental Impact Report (EIR). This scope includes preparation of a combined EIR and EA environmental document, and the supporting technical studies. Tasks for the

preparation permit applications (i.e. Clean Water Act, Streambed Alteration Agreement, etc.) are also included.

Upp Creek is designated critical habitat for the Northern California Coast steelhead ESU (Evolutionarily Significant Unit) downstream of the Daphne Way crossing in Brooktrails. Upp Creek is also designated critical habitat for the California Coastal ESU of Chinook salmon downstream of the Highway 101 crossing. Both ESU's of steelhead and Chinook salmon are listed as threatened under the federal Endangered Species Act. Willits Creek in Brooktrails also contains anadromous fish resources, but is unlikely to be affected by any of the alternatives under consideration. Alternative I-H includes a new crossing of Upp Creek downstream of Daphne Way, in steelhead critical habitat. A new road crossing of Upp Creek would likely require a Section 404 permit and formal consultation with the National Marine Fisheries Service under the Endangered Species Act for salmonids.

There are two records of federal-threatened northern spotted owl in the vicinity. One is on the edge of Wild Oat Canyon, within 0.75 mile of Alternative I-H at the nearest point. That record and a second are both within 0.3 mile of Alternative E. Owls were last observed at the Wild Oat Canyon site in 1991, and at the other record in 1993. One of the NSO nesting sites near the Brooktrails Second Access project was identified during the 1991-1993 NSO protocol surveys for a rejected alternative Willits Bypass route. The nesting site was surveyed again in 1999-2000 and no nesting was observed. The Wild Oat Canyon record is specifically discussed in the Biological Opinion for the Willits/Highway 101 Bypass project. USFWS issued a new northern spotted owl survey protocol on 7 February 2011. We are not aware that the site has been surveyed in the last 11 years. The project will likely require protocol surveys for northern spotted owl and may require consultation with the U.S. Fish and Wildlife Service (USFWS).

There is a recent record of federal-candidate Pacific fisher in the California Natural Diversity Database. Although USFWS considers listing of Pacific fisher warranted under the ESA, the action is currently precluded by higher priority listing actions (69 FR 18770). The Pacific fisher may be listed under the ESA in the future will be evaluated in the Biological Assessment.

We have reviewed the "Preliminary Biological Assessment, Brooktrails Second Access, St. Francis Ranch (Bob Whitney's Report)". The report notes resources near a pond along Upp Creek, in the vicinity of the alignment of Alternative I-H. Most specifically, the report notes the presence of Baker's meadowfoam identified in a previous 2002 report for the site. The report also notes the presence of waters, wetlands, and tree cavities and snags that could be used by wildlife. Sycamore is familiar with the biology and habitat of Baker's Meadowfoam from work on the Highway 101 Willits Bypass Project. Baker's Meadowfoam is not federally listed, but is listed as "rare" under the CA Native Plant Protection Act (NPPA). The NPPA predates and is a separate law from the CA Endangered Species Act (ESA). We are familiar with the separate requirements of the NPPA, as well as the requirements for other special-status species in the area, such as the Sonoma tree vole, that are not listed under the federal or state ESA.

Task 3.1 Preliminary Environmental Study (PES)

The PES is a scoping document and the first step in the Caltrans process to determine what studies are needed to identify the potential presence of sensitive environmental resources within the project area. Sycamore Environmental will assist the County in preparing the PES Form in accordance with Chapter 6.3 and Exhibit 6-B of the Local Assistance Procedures Manual.

The PES will identify technical studies, coordination, and permits required to complete NEPA. The PES will be prepared after Caltrans Local Assistance becomes involved with NEPA review.

Subtasks:

- Coordination with engineering team, County, and cultural subconsultant to determine an appropriate APE.
- Complete Draft PES for County Review.
- Complete Final PES.

Deliverables:

- County Review Draft PES and APE.
- Final PES and APE.

Task 3.2 Natural Environment Study

The NES incorporates the results of biological studies and coordination with the resource agencies. A NES report describes the existing biological environment and how the project affects that environment and provides the technical information concerning plants, animals, and natural communities occurring in the project study area. Chapter 2 of the SER Environmental Handbook Volume 3 provides the methods, procedures, and standards for an NES report. The NES report will be prepared in the current Caltrans format. We have included a botanical inventory in the scope for the NES. There are no federal-listed plants with the potential to occur in the Project site. Several California Native Plant Society (CNPS) listed plants do have the potential to occur in the Project site.

Subtasks to be performed during the first year:

- Conduct background research (Review special-status species lists and records, species biology, maps, etc).
- Identify and scope project issues (level of detail necessary, areas of direct and indirect affect, contacts with relevant agencies and individuals).
- Conduct two field surveys, likely April and July, when special-status plants with the potential to occur are evident and identifiable.

Subtasks to be deferred (not a part of this scope of work):

- Map plant communities and sensitive resource features. Prepare a list of all plant and animal species observed in the biological study area.
- Identify potential project impacts and mitigation (Explain avoidance and minimization measures, project impacts, and compensatory mitigation).
- Prepare AutoCAD map of biological resources using project engineer's basemap.
- Prepare avoidance, minimization, and mitigation measures as needed.
- Prepare Conceptual Compensatory Mitigation Plan.
- Prepare a native plant palette
- Prepare a conceptual planting design
- Submit Draft NES report to the County for review.
- Incorporate County comments and submit Caltrans review draft NES to the County for submittal to Caltrans.
- Incorporate Caltrans comments and submit Final NES to Caltrans and County.

Deliverables (to be deferred, not a part of this scope of work):

- County Review Draft NES
- Caltrans Review Draft NES
- Final NES

Task 3.3 Wetlands Study

Sycamore Environmental will conduct a Wetlands Study of the project study area in accordance with the SER. Chapter 3 of the Environmental Handbook Volume 3 (Caltrans 3 January 2003) provides the methods, procedures, and standards for a Wetlands Study. The Wetlands Study will include a formal jurisdictional delineation of wetlands and waters of the U.S. conducted in accordance with the 1987 Corps Wetland Delineation Manual, Regulatory Guidance Letter 05-05, and the 2008 Western Mountains, Valleys, and Coast Regional Supplement. The Jurisdictional Delineation Report will be prepared in accordance with the San Francisco District minimum standards.

Subtasks to be performed during the first year:

- Acquire and review background information (such as soils information, National Wetland Inventory Maps, topographic maps and aerial photography, etc.).
- Delineate wetlands and waters of the U.S. in the project area (data points and other data acquisition in the field).
- Prepare a project location map, aerial photograph map, soils map, and jurisdictional delineation map.
- Subtasks to be deferred (not a part of this scope of work): Document background information and field results in a delineation report prepared to San Francisco District minimum standards.
- Submit Draft Wetlands Study to County for review and incorporate comments.
- Submit Final Wetlands Study to County.

Deliverables (to be deferred, not a part of this scope of work):

- County Review Draft Delineation Report concurrent with draft NES
- Caltrans Review Draft Delineation Report concurrent with draft NES
- Final Jurisdictional Delineation Report as an appendix to the final NES

Task 3.4 Northern Spotted Owl Protocol Survey (first year of the two year process)

Sycamore Environmental will subcontract with and manage Recovery Operation Specialty Services (R.O.S.S.) to conduct northern spotted owl (NSO) surveys that may be required by USFWS pursuant to the new survey protocol (survey protocol updated February 2011). For the proposed Project, the 2011 NSO survey protocol would require surveys of potential nesting, roosting, and foraging habitat in a survey area that includes the project and a large (up to 1.3 mi) radius around the project. The 2011 NSO protocol requires a 2-year survey consisting of at least 6 appropriately timed complete visits per year, conducted by qualified spotted owl surveyor(s) between 1 March and 31 August, to determine the presence or absence of NSO.

Deliverables (to be deferred, not a part of this scope of work):

- County Review Draft Survey Report.
- Caltrans Review Draft Survey Report.

- Final Survey Report.

Task 3.5 Biological Assessment (to be deferred, not a part of this scope of work)

Task 3.6 Cultural Resource Studies: Area of Potential Effect (APE) Map, ASR, and HPSR

Sycamore Environmental will subcontract with and manage Tremaine & Associates as the cultural resources sub-consultant to complete the field work necessary for the cultural resources studies. Cultural resource studies are necessary to comply with Section 106 of the NHPA. Once a signed APE map is obtained, Tremaine & Associates will conduct a cultural resources study that will identify all resources in the APE that are eligible or potentially eligible for listing on the National Register of Historic Places or the California Register of Historical Resources. This study will support CEQA, NEPA, and Section 106 of the NHPA findings. Reports will be completed in accordance with the Caltrans reporting standards for the HPSR and ASR.

Subtasks:

- Coordinate with Tremaine & Associates to prepare an APE map.
- Conduct a record search at the Information Center of the CHRIS.
- Review historic maps and aerials, as well as soils and geology maps.
- Consult with the Native American Heritage Commission and Native American Community.
- Conduct field surveys and record resources using Caltrans approved APE Map. Sites and isolates will be recorded on DPR 523 Primary Record forms, photographed, and position data gathered with a hand-held GPS unit.

Subtasks to be deferred (not a part of this scope of work):

- Prepare avoidance, minimization, and mitigation measures.
- Prepare a draft Archaeological Survey Report (ASR) and Historic Property Survey Report (HPSR) for submittal to the County.
- Incorporate County comments and prepare the ASR and HPSR for County to submit to Caltrans.
- Incorporate Caltrans comments and prepare a final ASR and HPSR for County to submit to Caltrans.

Deliverables (to be deferred, not a part of this scope of work):

- County Review Draft ASR and HPSR.
- Caltrans Review Draft ASR and HPSR.
- Final ASR and HPSR.

Task 3.7 Noise Study (to be deferred, not a part of this scope of work)

Task 3.8 Air Quality Study (to be deferred, not a part of this scope of work)

Task 3.9 Hydraulic/Hydrologic Assessment (to be deferred, not a part of this scope of work)

Task 3.10 Public and Agency Scoping Process (to be deferred, not a part of this scope of work)

Task 3.11 Draft CEQA Environmental Impact Report (EIR) – NEPA Environmental Assessment (to be deferred, not a part of this scope of work)

Task 3.12 Public Comment Responses and Correspondence (to be deferred, not a part of this scope of work)

Task 3.13 Final EIR/ EA Document (to be deferred, not a part of this scope of work)

Task 3.14 Environmental Commitments Record (to be deferred, not a part of this scope of work)

Task 3.15 Permit Applications (to be deferred, not a part of this scope of work)

Task 3.16 Resource Agency Permit Related Coordination

Sycamore Environmental will consult and coordinate with resource agencies as necessary to complete the biological studies during the first year of the anticipated three year process to gain environmental approval. This task includes coordination with DFG, USFWS, NOAA Fisheries, and the Corps to ensure that agency comments, recommendations, and required avoidance, minimization, and mitigation measures are incorporated in the NES. Compliance with FESA is required and is a prerequisite before Caltrans makes a NEPA finding. Sycamore Environmental will coordinate with Caltrans and USFWS and NOAA Fisheries to obtain documentation of FESA compliance, as appropriate.

Subtasks:

- Coordinate as necessary with DFG, USFWS, NOAA Fisheries, and the Corps and incorporate resource agency comments into the NES.
- Obtain documentation of FESA compliance from USFWS and NOAA Fisheries.
- Prepare memo documenting coordination and summarizing resource agency comments and required avoidance, minimization, and mitigation measures.

Deliverables:

- Documentation of various types of consultation and coordination for inclusion in NES in memo or email format.
- Documentation of FESA compliance in memo or email format.
- Resource Agency Coordination Summary Memo submitted via hard copy or email.

TASK 4 COMPLETE ENVIRONMENTAL DOCUMENTATION AND OBTAIN PROJECT APPROVAL (TO BE DEFERRED, NOT A PART OF THIS SCOPE OF WORK)