

relocations are required, CONSULTANT will identify a location for the relocation to occur, but the actual design is assumed designed by the utility company. CONSULTANT will coordinate with the utility owners to initiate relocations required by the project including scheduling of activities in compliance with the requirements for right-of-way and utility certifications.

### **Task 3.2 Regulatory Permitting**

The proposed project may affect migratory bird and may require consultation with the CDFG. Impacts to any migratory birds will require permits from the regulatory agencies, as described below.

- **Water Quality Certification (Clean Water Act, Section 401):** A Water Quality Certification will be required from the RWQCB for the proposed project, if it will affect wetlands or other waters of the State, to certify that the project is consistent with water quality goals and objectives.

#### Deliverables:

- Permit Applications

### **Task 3.3 ROW Engineering / Appraisal / Acquisition**

#### **Task 3.3.1 Right-of-Way Engineering**

Prepare a Right-of-Way Requirements Map based on right-of-way take requirements including temporary construction easements and utility easements. It appears that a total of 6 acquisitions may be required. The Right-of-Way Requirements Map shall define the existing right-of-way and easements and all property acquisition required.

Upon confirmation of the right-of-way requirements, plats exhibits and legal descriptions for each property affected by permanent takes or temporary construction easements shall be prepared. In addition to the plats and legals, exhibits to identifying right-of-way needs shall be prepared to visually see impacts to properties.

#### Deliverables:

- Right-of-Way Requirements Map
- Plats and Legal Descriptions for 6 acquisitions

#### **Task 3.3.2 Appraisal Services**

The appraisal will fully meet accepted professional appraisal standards and will conform to the Caltrans Appraisal Manual and the requirements of the Office of Real Estate Appraisers of the State of California.

An appraisal report shall be prepared for each parcel and shall include, at the minimum, the following information:

- The property owner shall be contacted and offered the opportunity to accompany the appraiser during the inspection of the property.
- The purpose and function of the appraisal, including limiting factors and conditions.
- Description of the physical characteristics of the property being acquired in addition to the highest and best use of property.
- A discussion of all relevant and reliable approaches to value. In most cases this will necessitate the use of the sales comparison approach only.
- A description of comparable sales relied on in the determination of value.
- A statement of the value of the property rights to be acquired, including damages to the remainder.
- A signed certification of the appraiser, and the effective date of the valuation.

Effective January 1, 2008, state law requires that appraisals on the State Highway System must be provided to the property owner.

Deliverables:

- Appraisals of up to 6 acquisitions

Task 3.3.3 Independent Appraisal Review

Federally funded and projects with Caltrans oversight require a review of the appraisal. An appraisal review will be completed for each acquisition in accordance with Federal and/or State policy. The appraisal review shall include a check of all mathematical calculations and a determination that all relevant and appropriate appraisal methodologies have been employed. The reviewed appraisal shall be forwarded to CITY for the purpose of establishing the amount of just compensation in accordance with Federal and State laws. The amount of just compensation shall not be less than the approved appraisal.

Deliverables:

- Appraisal reports for up to 6 acquisitions.

Task 3.3.4 Acquisition Services

Acquisition services include all contacts with the property owner for the purpose of negotiating for the purchase of the real property interest. Services to be provided include:

- Prepare the offer letter and other related documents based upon the review appraiser's accepted fair market value as approved by CITY.
- Prepare purchase agreement and conveyance documents.

- Meet with the property owners to discuss the project in general, review project maps and legal descriptions confirm information about occupants/owners and make the official first written offer.
- Explain the offer; maintain follow up contacts and to secure the necessary documentation upon acceptance of the offer for closing.
- Respond to property owner inquiries verbally and in writing.
- Maintain contact reports for the parcel with all pertinent information and contacts concerning the parcel.
- Maintain parcel file of original documentation related to the purchase of the real property.
- Provide recommendation and supporting documentation for consideration during the administrative review process.
- Continue personal negotiations with property owner until agreement is reached.
- Signed purchase agreements shall be transmitted to CITY promptly for acceptance and processing.

Deliverables:

- Offer Letters for 6 acquisitions
- Signed Purchase Agreements for 6 acquisitions

Task 3.3.5 Title and Closing Services

CONSULTANT's agent will ensure that all closings are accomplished in a timely manner through continued coordination with the title company handling the escrows. CONSULTANT will work closely with the title company to make sure that good title is obtained. These services include:

- Order preliminary title reports for the 6 properties in the project area.
- Reviewing updated title
- Open escrow, deposit funds and documents, prepare escrow instructions, and monitor closing of escrows.
- Assist Title Company in obtaining releases of liens, mortgages and encumbrances of record.
- Prepare warrant requests to CITY with proper supporting documentation including recommended resolution of title issues.
- Verify and coordinate the clearing or prorating of taxes and assessments.
- Coordinate closings and attend to all meetings.
- Review the final title policy to make sure that it reflects only those title exceptions that CITY had agreed to accept.
- Submit completed property acquisition report for each property, including transfer of all pertinent correspondence and files to CITY.

Deliverables:

- Property Acquisition Report for 6 acquisitions

**Task 3.3.6 Right-of-Way Certification**

A right-of-way certification form will be completed in accordance with Caltrans requirements. The certification will be reviewed and executed by the project's right-of-way agent.

Deliverables:

- Right-of-Way Certification Form

**Task 3.4 Final Geotechnical Report**

CONSULTANT will prepare a detailed Final Foundation Report including design recommendations for the foundation type and footing elevations, lateral design capacities, and pile foundation recommendations for the structure.

Report will discuss seismic considerations, evaluate the liquefaction potential, and comment on the site soil conditions from this standpoint. Information related to Caltrans Seismic design criteria (SDC ver. 1.6 and 2010 updates) shall be provided. Information related to the recently revised Seismic design guidelines and the ARS curves (2010) will be provided.

Boring logs for each structure will be provided using the bridge general plans as base maps.

CONSULTANT will prepare a Final Geotechnical Memo/Report with updated pavement design information, including the incorporation of any review comments from the Draft Report.

CONSULTANT will provide Design Review Consultation through final design.

Deliverables:

- Final Foundation Report
- Final Geotechnical Memo/Report
- Final Caltrans Log of Testing Borings

**Task 3.5 Plans, Specifications, and Estimate (PS&E) - 65% Unchecked Plans**

CONSULTANT will advance preliminary engineering to the 65% level. The 65% design will address the 30% review comments and resolve further design issues in the PS&E package. This submittal will include the 65% plans, technical specifications and detailed construction cost estimate. This 65% plan set will include the following drawings:

- Title Sheet
- Typical Cross Sections
- Key Map & Line Index

- Project Control
- Demolition Plan
- Layouts
- Profiles and Superelevation Diagrams
- Construction Details
- Contour Grading Sheets
- Drainage Plans, Profiles, Details and Quantities
- Utility Plans
- Construction Area Signs
- Stage Construction Plans
- Traffic Handling Plans and Quantities
- Traffic Signal Improvement Plans and Quantities
- Pavement Delineation, Sign Plans and Quantities
- Sign Details and Quantities
- Electrical Plans
- Architecture Plans
- Landscape Plans
- Structure Plans

In addition, the 65% PS&E Submittal will include:

- Technical Special Provisions
- Engineers Construction Cost Estimate
- Summary of Quantity Sheets
- Unchecked Structural Calculations
- Unchecked Structural Quantity Take-off Sheets (rebar will be quantified as pounds per cubic yard of concrete at this submittal).

Draft technical specifications (Special Provisions) will be completed based on current Caltrans Standard Special Provisions and Standard Specifications.

Deliverables:

- 65% Plans, 11"x17" sheets
- Draft Technical Special Provisions
- 65% Engineer's Construction Cost Estimate
- Unchecked Structural Calculations and Quantity Calculations

**Task 3.6 Plans, Specifications, and Estimate (PS&E) - 90% Initial Review**

The 90% PS&E submittal will essentially consist of the completed and checked draft PS&E issued for the CITY's final review prior to issuing the expedite bid documents.

**Task 3.6.1 Independent Check (Quality Control)**

During the 90% design stage, CONSULTANT will perform an independent check of the structural plans, calculations and quantity calculations. CONSULTANT will perform

detailed take-offs of rebar quantities (including an independent check of these quantities) and will also perform an independent check of the specifications.

CONSULTANT will combine technical special provisions with CITY's "boiler plate" to create the final specification document.

In the 90% PS&E stage, CONSULTANT will address any remaining review comments and finalize any outstanding design issues in the PS&E package. CONSULTANT will prepare the 90% plans, technical specifications and construction cost estimate. All design activities will be completed. The PS&E package will be prepared for a final CITY (agency) review. This 90% plan set will include the following drawings:

- Title Sheet
- Typical Cross Sections
- Key Map & Line Index
- Project Control
- Demolition Plan
- Layouts
- Profiles and Superelevation Diagrams
- Construction Details
- Temporary Water Pollution Control Quantities
- Erosion Control Plans, Details and Quantities
- Contour Grading Sheets
- Drainage Plans, Profiles, Details and Quantities
- Utility Plans
- Construction Area Signs
- Stage Construction Plans
- Traffic Handling Plans and Quantities
- Traffic Signal Improvement Plans and Quantities
- Pavement Delineation, Sign Plans and Quantities
- Sign Details and Quantities
- Summary of Quantities
- Electrical Plans
- Architecture Plans
- Landscape Plans
- Structure Plans

Deliverables:

- 90% Plans, 11"x17" sheets
- Technical Special Provisions combined with boiler plates

- 90% Engineer's Construction Cost Estimate
- Checked Structural Calculations and Quantity Calculations
- Construction Working Day Schedule

### **Task 3.7 Plans, Specifications, and Estimate (PS&E) – Intermediate Review**

The Intermediate Review PS&E submittal will essentially consist of the completed and checked draft PS&E issued for the CITY's final review prior to issuing the expedite bid documents.

**Constructability Review:** Consultant shall include their own internal constructability review with parties with no involvement in the design of this project prior to the submittal of 100% plans. After submittal of 100% plans, the CITY may conduct a third-party Constructability Review. Consultant shall provide a line item for estimated costs to participate in Constructability Review including:

- Plan review meeting
- Plan evaluation meeting
- Review of findings and recommendations
- Response and revision based on findings and recommendations

#### Deliverables:

- Intermediate Review Plans, 11"x17" sheets
- Technical Special Provisions combined with boiler plates
- Intermediate Engineer's Construction Cost Estimate
- Checked Structural Calculations and Quantity Calculations
- Construction Working Day Schedule
- Constructability Review Report

### **Task 3.8 Final Plans, Specifications, and Estimate (Final PS&E) - 100% Bid Submittal**

In the Bid Submittal stage, CONSULTANT will address any comments from the CITY's final review and prepare a Final PS&E with signed technical specifications, plans and the final engineers estimate.

#### Deliverables:

- 22x34 set of original stamped and signed drawings on Mylar
- 11x17 stamped and signed copy of the final plans
- Final Specifications (boiler plates + technical special provisions)
- Engineer's Construction Cost Estimate
- Construction Working Day Schedule

## **Phase 4 Bidding Support**

CONSULTANT will provide final engineering design of the project, obtain design approval, and produce high quality construction drawings, special provisions, and construction

estimates for construction of the project. The Plans, Specification and Estimates (PS&E) will be prepared to the State Standards and in accordance with the CITY's policies, procedures, manuals, and standards.

#### **Task 4.1 Bid Support Services**

During the Bidding Phase, CONSULTANT will attend pre-bid meetings, respond to questions concerning the PS&E package and prepare contract addenda if necessary. CONSULTANT will also prepare and submit the RE file.

## **Project Contingency**

Although CONSULTANT has tried to be comprehensive in developing this scope of work, there may be unforeseen issues, which will necessitate supplemental services beyond the scope of work described herein. Specific items described in the engineering or environmental studies and field investigations may require additional investigations, calculations, plans, or other measures than what was reasonably anticipated during the development of the basic scope of services outlined in this proposal. As directed by CITY, CONSULTANT has included a 10% contingency in the associated fee schedule to account for these unexpected supplemental services.

## **Assumptions**

The following assumptions were made in generating this scope of work:

- CONSULTANT scope of services is limited to the tasks and services as outlined in the preceding Scope of Services (Phase 0 through Phase 4). Additional services can be provided as outlined in Additional Services following this section.
- The contract documents will be prepared in the Imperial (English) system of measures.
- CITY will supply CONSULTANT with all available record information, including but not necessarily limited to as-built drawings, inspection reports, prior project development documents, traffic counts, utilities, right-of-way, and existing use or franchise agreements, at the initiation of the project.
- CITY will provide CONSULTANT with all pertinent design and record information related to the CITY's adjacent Hendy Improvement Project.
- All plan development will be done in AutoCAD. Electronic submittals, if required, will be in AutoCAD.
- All reports will be submitted as draft and final. One round of reviews of the draft reports is assumed.
- CITY and any other commenting entities will provide full comments at each submittal.
- Plans and specifications shall be prepared following standard Caltrans format as outlined in "Ready-to-List and Construction Contract Award Guide" published by Caltrans.

- The 2010 edition of the Caltrans “Standard Specifications” and Caltrans “Standard Plans” publications may be referenced in the project plans and technical specifications.
- CONSULTANT will prepare Technical Specifications (Division II through Division X only) based on the 2010 edition of Caltrans Standard Special Provisions. CITY will prepare “Boiler Plate” special provisions for compilation with Technical Specifications.
- Construction Cost Estimates will be prepared based on readily available industry standards and past project experience. Construction Cost Estimates are the CONSULTANT’s estimate of the probable construction costs. Actual construction costs may vary based on varying industry trends and competitive Contractor bids and understanding of the project.
- Construction Working Day Schedules will be prepared based on readily available industry standards and past project experience. Construction Working Day Schedules are the CONSULTANT’s estimate of the probable construction durations. Actual construction durations may vary based on Contractor methods and means.
- The existing bridge structure is assumed to be in conformance with applicable governing codes and to be in satisfactory condition, other than those items specifically outlined in the July 7, 2010 Caltrans Bridge Inspection Report.
- The existing bridge structure was seismically retrofitted in 1981 and 1993. Previously constructed seismic retrofits are assumed to be sufficient and in general conformance with Caltrans seismic design standards. Detailed as-built seismic analysis (to verify potential impacts from any significant project structural modifications) will be performed. If existing elements are found to require additional seismic retrofit, a retrofit strategy report and retrofit plans may be required in addition to the widening plans. This work will be considered as Extra Work.
- Structure modifications within the limits of Heritage Park Apartment Homes is anticipated to be limited to the sliver widening of the Fair Oaks Overhead structure, with at-grade impacts limited to widening of the existing abutment and construction of new approach retaining walls outboard of the existing approach walls.
- Intermediate review submittal accounts for a maximum of 2 intermediate review cycles between the Initial and Final PS&E submittals. Additional submittals pursuant to cause may be considered as additional work and may affect the proposed schedule.
- Structure modifications within the limits of the Caltrain/PCJPB right-of-way are anticipated to be limited to the sliver widening of the Fair Oaks Overhead superstructure. No at-grade impacts are anticipated. Coordination with Caltrain/PCJPB, including temporary clearances, work windows and anticipated construction schedule, will be required during the design phases. Coordination with Caltrain/PCJPB, including select shop drawing reviews and railroad flaggers, will be required during the construction phase.
- The existing building located at the south east corner of the Northrup Grumman/ Hendy Site is assumed to be a historical structure subject to verification during the Technical Studies tasks of the Environmental Clearance/ Public Outreach phase of the project.

- The CITY desires to maintain existing traffic patterns along Fair Oaks Avenue where possible during construction of the structure modifications. Stage construction and temporary lane width reductions will be implemented where practical. Limited off-hour temporary lane closures may be required for select activities if other stage construction options are not available or feasible, pending approval of the CITY.
- Structure aesthetics will be compatible with the established Quality Standards and Details for Downtown Local Aesthetic Guidelines.
- If existing trees are required to be removed, replacement on a one to one ratio will be provided unless otherwise outlined in CITY ordinance.
- Design scope and fee are based on an assumed design duration of 24 months.
- Final Environmental Document/Responses to Comments: CONSULTANT assumes that CITY will receive up to 15 unique comments on the Draft EIR/EA that must be responded to in the Final Environmental Document.
- Section 4(f) Resources: It is assumed that no Section 4(f) resources would be used by the proposed project and as such, no Section 4(f) evaluation would be required. Consistent with Caltrans SER Guidelines, CONSULTANT would prepare a brief appendix indicating which resources were considered as potential Section 4(f) resources.
- The cultural resources Study Area/APEs for archaeological and historical resources will be generally located in a limited area at the intersection of Fair Oaks Avenue and the Caltrain/PCJPB corridor.
- CONSULTANT assumes that there will be up to 3 resources that require preparation of DPR 523 forms. The built environment will take place from the public right-of-way.
- It is assumed that there will be no property take from the Northrup-Grumman Marine property and that it will not be in the APE.
- The CONSULTANT will assist in arranging access to Santa Clara County Assessor records for built environment resources within the APE.
- CONSULTANT will review one round of written comments and suggestions for responses to public comment on the draft EIR/EA. CONSULTANT will not respond directly to or correspond directly with groups or individuals commenting on the draft EIR/EA.
- The scope does not include preparation of a Finding of Effects (FOE) document or a draft Memorandum of Agreement (MOA).
- The biological scope does not include focused biological studies or surveys, such as a jurisdictional wetland delineation or focused plant or wildlife surveys.
- The biological scope does not include submittal of permit applications to the CDFG, USACE, or RWQCB.
- The tree survey to be conducted does not include an assessment of tree health or recommendations for maintaining or removing trees.
- A maximum of three geometric alternatives along Fair Oaks Avenue will be developed for Phase 1 Environmental Clearance/Public Outreach.

- A draft staging plan will be developed for Phase 1 Environmental Clearance/ Public Outreach to access traffic impacts.
- A maximum of two geometric alternatives along Hendy Avenue will be developed for consideration.
- CITY benchmark information will be obtained and verified. It is anticipated that a maximum of 4 field survey hours will be required for verification.
- Field survey within JPB right-of-way is assumed to not be required.
- Scope includes a maximum of 15 potholes.
- Utility relocation designs will be developed by utility owners with the exception of CITY utilities.
- Scope includes a maximum of 4 Rights of Entries for survey work.
- Scope is based on the acquisition of 6 parcels from 3 property owners.
- The Right-of-Way Engineering work excludes work related to condemnation action.
- Quality Compliance for SWPPP during construction is not included.

## Additional Services

CONSULTANT has identified the following anticipated Additional Services that may be required depending on the actual conditions encountered and design features selected by CITY. The anticipated scope of services for these Additional Services are outlined below and have been identified as Additional Services is the associated fee schedule.

### Phase 0 Project Management

#### Task 0.3 Agency Coordination

Depending on issues that may arise within the project that may affect the funding of individual items of work/elements, CITY may require assistance in identifying, locating, negotiating or obligating additional funding. Services to CITY can be provided as follows:

- CONSULTANT will work with CITY to identify potential impediments to delivery of project and provide strategic advice and assistance on funding, approval, deliver, and other project related issues
- Assist CITY in implementing strategies to resolve and/or remove impediments to delivery
- Analyze CITY's project funding plan and support CITY in defining scope and limits of project
- Develop documents (letters, reports, e-mails, etc.) on behalf of CITY
- Support CITY with and facilitate Federal Aid process with Caltrans Local Assistance (i.e., facilitate Caltrans' Local Assistance review and approval of project approval and project financing documents).
- Schedule, structure and facilitate meetings with agencies such as Caltrans, MTC, SCVTA, CTC, and FHWA.
- Provide high level coordination with Caltrans, MTC, CTC, and FHWA Executive/Senior Management on an as-needed basis.

## Phase 1 Environmental Clearance / Public Outreach

### Task 1.1 Environmental Document (EIR/EA)

#### Task 1.1.1 Technical Studies

**Subsurface Testing:** Given the well documented presence of multiple deeply buried archaeological deposits within the Sunnyvale/Mountain View/Santa Clara area, it is possible that the Caltrans Project Development Team will request subsurface 'vertical APE' testing at the project to document the geology present and assess the potential for a presence of buried archaeological resources. Should vertical APE testing be required for the ASR, CONSULTANT recommends an approach involving a split spoon direct push geoprobe of multiple spots within the APE to the terminal depth of planned project activities. It is also possible to coordinate with the project team's Preliminary Geotechnical Investigation (Task 2.3) to minimize mobilization/remobilization costs.

At least 48 hours prior to drilling the borings, CONSULTANT will mark the site for an Underground Service Alert (USA) utilities check. Borings will be permitted and backfilled in accordance with CITY's requirements. CONSULTANT anticipates disposing of any excess soil cuttings on site. In the fee estimate, CONSULTANT has assumed that it will attain the proper permits, but any fees for permitting the borings and encroachment will be waived by CITY.

The boring locations will depend upon the available access and the boring data from previous studies. CONSULTANT anticipates using a truck mounted direct push geoprobe rig for the work. Traffic control maybe required. CONSULTANT will classify and continuously log subsurface soil conditions encountered in each test boring at the time of drilling. The borings will be drilled and capped in accordance with the permit requirements. A drilling permit would be required. Should testing be necessary within or immediately adjacent to the Caltrain right-of-way, additional safety programs are required.

### Task 1.2 Public Outreach

**Periodic Project Fact Sheets/Mailers:** Within allowance, develop and distribute at public meetings and website posting.

**Ongoing Communications Assistance through Construction Phase:** Task 1.2 and its subtasks are focused on providing public outreach and communications assistance throughout the design and environmental review phase of the project. However, the CITY has indicated that additional communications support may be desirable at later phases of the project, including but not limited to the issuance of bid documents and on-going through project construction. Many of the outreach tools described in Task 1.2.6(a) through Task 1.2.6(e) have potential applicability in the later construction phase of the project. In this recommended additional service, CONSULTANT has included an allowance that the CITY can flexibly apply in maintaining strong public outreach through construction – a period when the project will have the most obvious public visibility. Such

efforts can include coordination with the PIO and/or social media coordinator, production of construction newsletters/fact sheets, and pre-construction meetings with targeted parties most likely to be affected during construction.

## **Phase 2 Environmental Clearance / Public Outreach**

### **Task 2.5 Concept Engineering and Utility Coordination**

**Stair Assembly:** Depending upon pedestrian traffic counts, public outreach and CITY direction there is the potential to include a separate ramp/stair tower structure to connect pedestrians within the Heritage Park Apartment Homes complex with the proposed pedestrian sidewalk being added to the existing Fair Oaks Overhead structure. This would require the removal of the existing Fair Oaks Pedestrian Overcrossing and construction of a new ramp/stair tower at the approximate location of the existing POC ramp located on the north end of the Heritage Park Apartment Homes property adjacent to the Caltrain/PCJPB corridor. Additional services includes one supplemental geotechnical field boring and development of plans, specifications and estimates for this additional structure as part of Phase 3 - Final PS&E.

## **Phase 3 Final Design PS&E**

### **Task 3.3 ROW Engineering / Appraisal / Acquisition**

CONSULTANT will collect up to 40 soil samples and composite samples into 10 four-part composite samples for laboratory analysis, for up to 6 parcels.

**Laboratory Testing:** 10 composite soil samples will be used to test for CAM-17 metals, 10 composite soil samples will be used to test for TPHd/mo, 10 composite soil samples will be used to test for TPHg/BTEX/MTBE, and 10 composite soil samples will be used to test for pesticides. Results will be included in the Site Investigation Report prepared for ADL investigation.

## **Phase 4 Bidding and Construction Support**

### **Task 4.2 Construction Support Services**

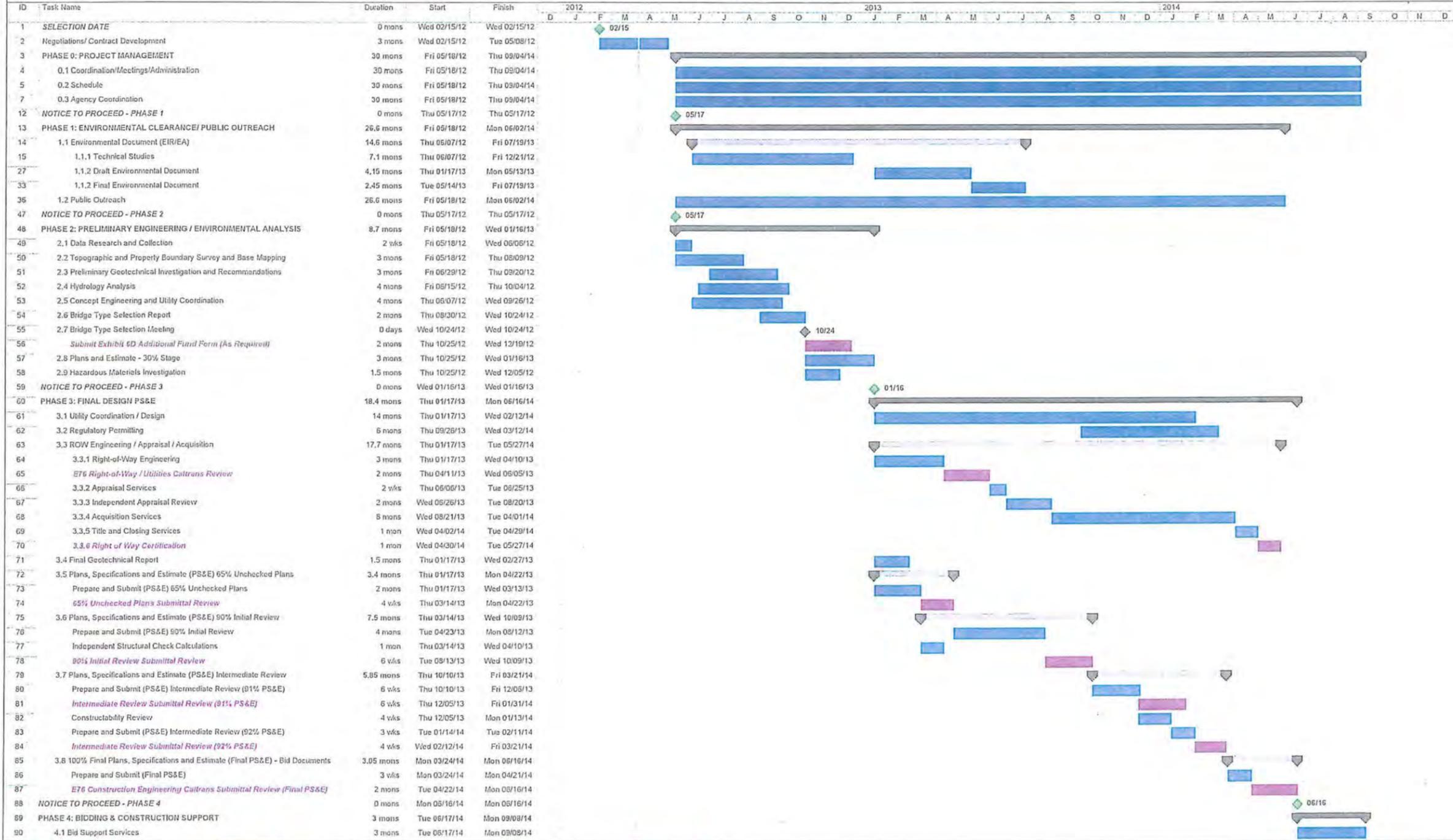
The following potential additional services may be required depending on the actual conditions encountered and design features selected by CITY. These services have not been scoped in detail nor have they been included in the associated fee schedule. CONSULTANT is fully qualified and capable of performing these services as Extra Work should they be required and authorized by CITY:

- Construction Management
- Construction Staking
- Construction Inspections
- Geotechnical Observation
  - Compaction Testing
  - Deep Foundation Observation



# EXHIBIT A-1

## FAIR OAKS OVERHEAD REHABILITATION CONCEPTUAL PROJECT SCHEDULE



Task Milestone Phase External Tasks

## EXHIBIT "B" Compensation Schedule

### Fair Oaks Overhead Rehabilitation: Fee Schedule City of Sunnyvale Summary of Combined Consultant Total Costs

02/28/2014

Phase	BCA	BKF	Circlepoint	Callander	Fehr & Peers	Parikh	AEC	Gray-Bowen	Total
	Prime (Project Mgmt/Structure)	Sub (Civil/ROW/ Survey/Utilities)	Sub (Environ/ Public Outreach)	Sub (Landscape Arch)	Sub (Traffic Studies)	Sub (UGBE) (Cypress/ Hardscape)	Sub (UGBE) (Elect/Eng)	Sub (Funding Services)	
<b>Phase 0 - Project Management</b>									
0.1 Coordination/Meetings/Administration	\$ 115,128	\$ 9,270	\$ 19,490	\$ 4,231	\$ -	\$ -	\$ 4,855	\$ -	\$152,974
0.2 Accounting and Project Schedule	\$ 23,448	\$ -	\$ 10,280	\$ -	\$ -	\$ -	\$ 2,393	\$ -	\$36,121
0.3 Agency Coordination	\$ 65,976	\$ 9,024	\$ 19,490	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$139,490
<b>Subtotal Phase 0</b>	<b>\$204,552</b>	<b>\$18,294</b>	<b>\$49,260</b>	<b>\$4,231</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,248</b>	<b>\$45,000</b>	<b>\$328,585</b>
<b>Phase 1 - Environmental Clearance / Public Outreach</b>									
1.1 Environmental Document (EIR/EA)									
1.1.1 Technical Studies	\$ 3,904	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$3,904
1.1.1(a) Initial Site Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,580	\$ -	\$8,580
1.1.1(b) Right-of-Way Impacts	\$ -	\$ 2,067	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,067
1.1.1(c) Traffic Studies (F&P)	\$ -	\$ -	\$ -	\$ -	\$ 31,020	\$ -	\$ -	\$ -	\$31,020
1.1.1(d) Community Impact Assessment	\$ -	\$ -	\$ 37,878	\$ -	\$ -	\$ -	\$ -	\$ -	\$37,878
1.1.1(e) Visual Impact Assessment	\$ -	\$ -	\$ 16,164	\$ -	\$ -	\$ -	\$ -	\$ -	\$16,164
1.1.1(f) Biological Assessment	\$ -	\$ -	\$ 6,270	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,270
1.1.1(g) Noise Impact Assessment	\$ -	\$ -	\$ 16,720	\$ -	\$ -	\$ -	\$ -	\$ -	\$16,720
1.1.1(h) Air Quality Assessment	\$ -	\$ -	\$ 8,113	\$ -	\$ -	\$ -	\$ -	\$ -	\$8,113
1.1.1(i) Cultural Resources	\$ -	\$ -	\$ 12,654	\$ -	\$ -	\$ -	\$ -	\$ -	\$12,654
1.1.1(j) Historical Resources	\$ -	\$ -	\$ 20,460	\$ -	\$ -	\$ -	\$ -	\$ -	\$20,460
1.1.1(k) Paleontology	\$ -	\$ -	\$ 13,174	\$ -	\$ -	\$ -	\$ -	\$ -	\$13,174
1.1.1(l) Hydraulics and Water Quality	\$ -	\$ 5,013	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$5,013
1.1.2 Draft Environmental Document	\$ 2,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,850
1.1.2(a) Confirm Project Description, Purpose and Need, Alternatives	\$ -	\$ -	\$ 6,910	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,910
1.1.2(b) Notice of Preparation	\$ -	\$ -	\$ 4,528	\$ -	\$ -	\$ -	\$ -	\$ -	\$4,528
1.1.2(c) Administrative Draft ED	\$ -	\$ -	\$ 54,602	\$ -	\$ -	\$ -	\$ -	\$ -	\$54,602
1.1.2(d) Draft ED	\$ -	\$ -	\$ 26,276	\$ -	\$ -	\$ -	\$ -	\$ -	\$26,276
1.1.3 Final Environmental Document	\$ 1,932	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,932
1.1.3(a) Admin Final ED	\$ -	\$ -	\$ 20,268	\$ -	\$ -	\$ -	\$ -	\$ -	\$20,268
1.1.3(b) Final ED	\$ -	\$ -	\$ 12,234	\$ -	\$ -	\$ -	\$ -	\$ -	\$12,234
Vertical APE Testing for Archaeological Resources	\$ -	\$ -	\$ 23,236	\$ -	\$ -	\$ -	\$ -	\$ -	\$23,236
1.2 Public Outreach - Design and Environmental Review Phases									
1.2.1 Stakeholder/Property Owner Contact List	\$ -	\$ -	\$ 4,140	\$ -	\$ -	\$ -	\$ -	\$ -	\$4,140
1.2.2 Initial Stakeholder Meetings (3)	\$ 5,544	\$ -	\$ 12,656	\$ -	\$ 1,480	\$ -	\$ -	\$ -	\$19,680
1.2.3 General Public Informational Meetings (2)	\$ 3,696	\$ 3,940	\$ 18,353	\$ 5,216	\$ 2,620	\$ -	\$ -	\$ -	\$33,825
1.2.4 Public Scoping Meeting (1)	\$ 1,848	\$ -	\$ 10,180	\$ 2,728	\$ 580	\$ -	\$ -	\$ -	\$15,336
1.2.5 Review Meetings and Hearings (up to 3)	\$ 5,544	\$ -	\$ 15,540	\$ -	\$ 1,680	\$ -	\$ -	\$ -	\$22,764
1.2.6 Design/Environmental Phase Public Outreach Tools	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
1.2.6(a) Input to CITY Public Information Officer	\$ -	\$ -	\$ 12,234	\$ -	\$ -	\$ -	\$ -	\$ -	\$12,234
1.2.6(b) Provide Content for Project Page to CITY's Aesthetics/Via Sm/Renderings	\$ -	\$ -	\$ -	\$ 5,380	\$ -	\$ -	\$ -	\$ -	\$5,380
1.2.6(c) Provide Content for Project Page to CITY's Website	\$ -	\$ -	\$ 17,010	\$ -	\$ -	\$ -	\$ -	\$ -	\$17,010
1.2.6(d) Translation Services	\$ -	\$ -	\$ 6,880	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,880
Periodic Project Fact Sheets/Mailers	\$ -	\$ -	\$ 11,718	\$ -	\$ -	\$ -	\$ -	\$ -	\$11,718
Ongoing Communications Thru Construction	\$ -	\$ -	\$ 24,646	\$ -	\$ -	\$ -	\$ -	\$ -	\$24,646
<b>Subtotal Phase 1</b>	<b>\$25,324</b>	<b>\$11,020</b>	<b>\$421,864</b>	<b>\$13,294</b>	<b>\$37,360</b>	<b>\$8,590</b>	<b>\$0</b>	<b>\$0</b>	<b>\$517,472</b>
<b>Phase 2 - Preliminary Engineering / Environmental Analysis</b>									
2.1 Data Research and Collection	\$ 7,036	\$ 4,802	\$ -	\$ -	\$ -	\$ -	\$ 1,060	\$ -	\$13,798
2.2 Topographic and Property Boundary Survey and Base Mapping	\$ 1,528	\$ 29,960	\$ -	\$ 526	\$ -	\$ -	\$ -	\$ -	\$32,014
Radman (Aerial Mapping)	\$ -	\$ 6,732	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,732
2.3 Preliminary Geotechnical Investigation and Recommendations	\$ 2,232	\$ -	\$ -	\$ -	\$ -	\$ 56,993	\$ -	\$ -	\$59,155
2.4 Hydrology Analysis	\$ -	\$ 3,828	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$3,828
2.5 Concept Engineering and Utility Coordination	\$ 85,980	\$ 20,072	\$ -	\$ 18,100	\$ -	\$ -	\$ -	\$ -	\$124,152
EXARO (Potoling)	\$ -	\$ 14,520	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$14,520
2.6 Bridge Type Selection Report	\$ 68,776	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$68,776
2.7 Bridge Type Selection Meeting	\$ 6,576	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,576
2.8 Plans and Estimate - 30% Stage	\$ 20,596	\$ 21,699	\$ -	\$ 5,272	\$ -	\$ -	\$ 12,205	\$ -	\$59,772
2.9 Hazardous Material Testing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
2.9.1 Soil and Groundwater Sampling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,580	\$ -	\$ -	\$6,580
2.9.2 Aerial Deposited Lead Investigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,335	\$ -	\$ -	\$18,335
2.9.3 Asbestos Survey	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,630	\$ -	\$ -	\$6,630
Concept Engineering and Utility Coordination	\$ 90,520	\$ -	\$ -	\$ -	\$ -	\$ 3,039	\$ -	\$ -	\$93,559
<b>Subtotal Phase 2</b>	<b>\$244,142</b>	<b>\$110,573</b>	<b>\$0</b>	<b>\$23,956</b>	<b>\$0</b>	<b>\$100,136</b>	<b>\$13,205</b>	<b>\$0</b>	<b>\$482,054</b>
<b>Phase 3 - Final Design PS&amp;E</b>									
3.1 Utility Coordination / Design	\$ -	\$ 24,590	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$24,590
3.2 Regulatory Permitting	\$ -	\$ 2,454	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,454
3.3 ROW Engineering / Appraisal / Acquisition									
3.3.1 Right-of-Way Engineering	\$ 896	\$ 20,942	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$31,938
3.3.2 Appraisal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
3.3.3 Independent Appraisal Review	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
3.3.4 Acquisition Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
3.3.5 Title and Closing Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
3.3.6 Right of Way Certification	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
Universal Fact Services (Right-of-Way)	\$ -	\$ 48,231	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$48,231
HazMat Testing on Parcels (6 Total)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,196	\$ -	\$ -	\$8,196
3.4 Final Geotechnical Report	\$ 714	\$ -	\$ -	\$ -	\$ -	\$ 4,988	\$ -	\$ -	\$5,702
3.5 Plans, Specifications and Estimate (PS&E) - 65% Unchecked Plans									
Prepare and Submit (PS&E) - 65% Unchecked Plans	\$ 177,066	\$ 42,392	\$ -	\$ 8,454	\$ -	\$ -	\$ -	\$ -	\$227,912
65% Unchecked Plans Submittal Review	\$ -	\$ 2,416	\$ -	\$ -	\$ -	\$ -	\$ 14,585	\$ -	\$17,001
3.6 Plans, Specifications and Estimate (PS&E) 90% Initial Review									
Prepare and Submit (PS&E) 90% Initial Review	\$ 66,972	\$ 32,142	\$ -	\$ 2,218	\$ -	\$ -	\$ 12,007	\$ -	\$113,339
Independent Structural Check Calculations	\$ 66,072	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$66,072
90% Initial Review Submittal Review	\$ -	\$ 2,416	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,416
3.7 Plans, Specifications and Estimate (PS&E) Intermediate Review									
Prepare and Submit (Intermediate PS&E)	\$ 87,200	\$ 25,300	\$ -	\$ 1,739	\$ -	\$ -	\$ 4,118	\$ -	\$118,357
Intermediate Review Submittal Review	\$ -	\$ 1,208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,208
Constructability Review	\$ 17,928	\$ -	\$ -	\$ 1,156	\$ -	\$ -	\$ 1,385	\$ -	\$20,469
3.8 100% Final Plans, Specifications and Estimate (Final PS&E) - Bid Documents									
Prepare and Submit (Final PS&E)	\$ 39,372	\$ 20,693	\$ -	\$ 2,088	\$ -	\$ -	\$ 2,289	\$ -	\$64,442
<b>Subtotal Phase 3</b>	<b>\$436,328</b>	<b>\$233,774</b>	<b>\$0</b>	<b>\$15,653</b>	<b>\$0</b>	<b>\$14,163</b>	<b>\$34,394</b>	<b>\$0</b>	<b>\$734,329</b>
<b>Phase 4 - Bidding Support</b>									
4.1 Bid Support Services	\$ 8,088	\$ 7,780	\$ -	\$ 1,348	\$ -	\$ -	\$ 2,398	\$ -	\$19,592
<b>Subtotal Phase 4</b>	<b>\$8,088</b>	<b>\$7,780</b>	<b>\$0</b>	<b>\$1,348</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,398</b>	<b>\$0</b>	<b>\$19,592</b>
<b>Reimbursables</b>									
Plots	\$ 8,500	\$ 7,183	\$ -	\$ 2,800	\$ -	\$ -	\$ -	\$ -	\$18,483
Reproduction & Delivery	\$ 8,000	\$ 7,183	\$ -	\$ 1,400	\$ -	\$ 750	\$ 75	\$ -	\$17,408
Printing Environmental Documents	\$ -	\$ -	\$ 4,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$4,500
Travel	\$ -	\$ -	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,500
Delivery Services	\$ -	\$ -	\$ 300	\$ -	\$ -	\$ -	\$ -	\$ -	\$300
Printing and Postage (Meeting Notifications)	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$15,000
Newspaper Advertisement Placement	\$ -	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$8,000
Meeting Venue Fees, Court Reporter, Refreshment allowance	\$ -	\$ -	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$4,000
Transition Services	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$5,000
Meeting Exhibits - Printing/Mounting Allowance	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$5,000
Other Meeting Expenses	\$ -	\$ -	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,500
24-Hour Machine Counts	\$ -	\$ -	\$ -	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$6,000
2 - peak hour turning movement counts	\$ -	\$ -	\$ -	\$ 1,600	\$ -	\$ -	\$ -	\$ -	\$1,600
34-hour Pedestrian Counts	\$ -	\$ -	\$ -	\$ 2,700	\$ -	\$ -	\$ -	\$ -	\$2,700
Mileage	\$ -	\$ -	\$ -	\$ 320	\$ -	\$ -	\$ -	\$ -	\$320
<b>Subtotal Reimbursables</b>	<b>\$16,500</b>	<b>\$14,366</b>	<b>\$44,600</b>	<b>\$4,200</b>	<b>\$10,620</b>	<b>\$750</b>	<b>\$75</b>	<b>\$0</b>	<b>\$91,311</b>
<b>Base Services Totals</b>									
Subtotal Direct Labor (Dollars)	\$918,432	\$310,978	\$356,145	\$58,422	\$37,380	\$57,191	\$57,305	\$45,000	\$1,840,823
Subtotal Subconsultants	\$0	\$70,483	\$114,979	\$0	\$0	\$65,748	\$0	\$0	\$251,210
Subtotal Reimbursables	\$16,500	\$14,366	\$44,800	\$4,200	\$10,620	\$750	\$75	\$0	\$91,311
<b>Project Total (Dollars)</b>	<b>\$934,932</b>	<b>\$395,827</b>	<b>\$515,924</b>	<b>\$62,622</b>	<b>\$48,000</b>	<b>\$123,659</b>	<b>\$57,380</b>	<b>\$45,000</b>	<b>\$2,183,344</b>
	BCA	BKF	Circlepoint	Callander	Fehr & Peers	Parikh	AEC	Gray-Bowen	Total
						UGBE Subconsultants			
						UGBE %	6.28%		

### Fair Oaks Overhead Rehabilitation: Fee Schedule

City of Sunnyvale  
Summary of Combined Consultant Total Costs

Phase	BCA	BKF	Circlepoint	Callander	Fehr & Peers	Parikh	AEC	Gray-Bowen	Total
	Prime (Project Mgmt/ Structural)	Sub (Civil/ROW/ Survey/Utilities)	Sub (Environ/ Public Outreach)	Sub (Landscape Arch)	Sub (Traffic Studies)	Sub (UDBE) (Geotech/ HazMat)	Sub (UDBE) (Elect Engr)	Sub (Funding Services)	
<b>Phase 0 - Project Management</b>									
0.1 Coordination/Meetings/Administration	\$ 115,128	\$ 9,270	\$ 19,490	\$ 4,231	\$ -	\$ -	\$ 4,855	\$ -	\$152,974
0.2 Accounting and Project Schedule	\$ 23,448	\$ -	\$ 10,280	\$ -	\$ -	\$ -	\$ 2,393	\$ -	\$36,121
0.3 Agency Coordination	\$ 65,976	\$ 9,024	\$ 19,490	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$139,490
Subtotal Phase 0	\$204,552	\$18,294	\$49,260	\$4,231	\$0	\$0	\$7,248	\$45,000	\$328,585
<b>Phase 1 - Environmental Clearance / Public Outreach</b>									
<b>1.1 Environmental Document (EIR/EA)</b>									
1.1.1 Technical Studies	\$ 3,904	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$3,904
1.1.1(a) Initial Site Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,590	\$ -	\$ -	\$8,590
1.1.1(b) Right-of-Way Impacts	\$ -	\$ 2,067	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,067
1.1.1(c) Traffic Studies (F&P)	\$ -	\$ -	\$ -	\$ -	\$ 31,020	\$ -	\$ -	\$ -	\$31,020
1.1.1(d) Community Impact Assessment	\$ -	\$ -	\$ 37,878	\$ -	\$ -	\$ -	\$ -	\$ -	\$37,878
1.1.1(e) Visual Impact Assessment	\$ -	\$ -	\$ 16,164	\$ -	\$ -	\$ -	\$ -	\$ -	\$16,164
1.1.1(f) Biological Assessment	\$ -	\$ -	\$ 6,270	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,270
1.1.1(g) Noise Impact Assessment	\$ -	\$ -	\$ 16,720	\$ -	\$ -	\$ -	\$ -	\$ -	\$16,720
1.1.1(h) Air Quality Assessment	\$ -	\$ -	\$ 8,113	\$ -	\$ -	\$ -	\$ -	\$ -	\$8,113
1.1.1(i) Cultural Resources	\$ -	\$ -	\$ 12,654	\$ -	\$ -	\$ -	\$ -	\$ -	\$12,654
1.1.1(j) Historical Resources	\$ -	\$ -	\$ 20,460	\$ -	\$ -	\$ -	\$ -	\$ -	\$20,460
1.1.1(k) Paleontology	\$ -	\$ -	\$ 13,174	\$ -	\$ -	\$ -	\$ -	\$ -	\$13,174
1.1.1(l) Hydraulics and Water Quality	\$ -	\$ 5,013	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$5,013
1.1.2 Draft Environmental Document	\$ 2,856	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,856
1.1.2(a) Confirm Project Description, Purpose and Need, Alternatives	\$ -	\$ -	\$ 6,910	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,910
1.1.2(b) Notice of Preparation	\$ -	\$ -	\$ 4,528	\$ -	\$ -	\$ -	\$ -	\$ -	\$4,528
1.1.2(c) Administrative Draft ED	\$ -	\$ -	\$ 54,602	\$ -	\$ -	\$ -	\$ -	\$ -	\$54,602
1.1.2(d) Draft ED	\$ -	\$ -	\$ 26,276	\$ -	\$ -	\$ -	\$ -	\$ -	\$26,276
1.1.3 Final Environmental Document	\$ 1,932	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,932
1.1.3(a) Admin Final ED	\$ -	\$ -	\$ 29,288	\$ -	\$ -	\$ -	\$ -	\$ -	\$29,288
1.1.3(b) Final ED	\$ -	\$ -	\$ 12,234	\$ -	\$ -	\$ -	\$ -	\$ -	\$12,234
Vertical APE Testing for Archaeological Resources	\$ -	\$ -	\$ 23,236	\$ -	\$ -	\$ -	\$ -	\$ -	\$23,236
<b>1.2 Public Outreach - Design and Environmental Review Phases</b>									
1.2.1 Stakeholder/Property Owner Contact List	\$ -	\$ -	\$ 4,140	\$ -	\$ -	\$ -	\$ -	\$ -	\$4,140
1.2.2 Initial Stakeholder Meetings (3)	\$ 5,544	\$ -	\$ 12,656	\$ -	\$ 1,480	\$ -	\$ -	\$ -	\$19,680
1.2.3 General Public Informational Meetings (2)	\$ 3,696	\$ 3,940	\$ 18,353	\$ 5,216	\$ 2,620	\$ -	\$ -	\$ -	\$33,825
1.2.4 Public Scoping Meeting (1)	\$ 1,848	\$ -	\$ 10,180	\$ 2,728	\$ 680	\$ -	\$ -	\$ -	\$15,336
1.2.5 Review Meetings and Hearings (up to 3)	\$ 5,544	\$ -	\$ 15,540	\$ -	\$ 1,680	\$ -	\$ -	\$ -	\$22,764
1.2.6 Design/Environmental Phase Public Outreach Tools	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
1.2.6(a) Input to CITY Public Information Officer	\$ -	\$ -	\$ 12,234	\$ -	\$ -	\$ -	\$ -	\$ -	\$12,234
1.2.6(b) Provide Content for Project Page to CITY's Aesthetics/Vis Sim/Renderings	\$ -	\$ -	\$ -	\$ 5,350	\$ -	\$ -	\$ -	\$ -	\$5,350
1.2.6(c) Provide Content for Project Page to CITY's Website	\$ -	\$ -	\$ 17,010	\$ -	\$ -	\$ -	\$ -	\$ -	\$17,010
1.2.6(d) Translation Services	\$ -	\$ -	\$ 8,880	\$ -	\$ -	\$ -	\$ -	\$ -	\$8,880
Periodic Project Fact Sheets/Mailers	\$ -	\$ -	\$ 11,718	\$ -	\$ -	\$ -	\$ -	\$ -	\$11,718
Ongoing Communications Thru Construction	\$ -	\$ -	\$ 24,646	\$ -	\$ -	\$ -	\$ -	\$ -	\$24,646
Subtotal Phase 1	\$25,324	\$11,020	\$421,864	\$13,294	\$37,380	\$8,590	\$0	\$0	\$517,472
<b>Phase 2 - Preliminary Engineering / Environmental Analysis</b>									
2.1 Data Research and Collection	\$ 7,936	\$ 4,802	\$ -	\$ -	\$ -	\$ -	\$ 1,060	\$ -	\$13,798
2.2 Topographic and Property Boundary Survey and Base Mapping Radman (Aerial Mapping)	\$ 1,526	\$ 29,960	\$ -	\$ 526	\$ -	\$ -	\$ -	\$ -	\$32,012
2.3 Preliminary Geotechnical Investigation and Recommendations	\$ 2,232	\$ 6,732	\$ -	\$ -	\$ -	\$ 56,953	\$ -	\$ -	\$65,917
2.4 Hydrology Analysis	\$ -	\$ 3,828	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$3,828
2.5 Concept Engineering and Utility Coordination EXARO (Potholing)	\$ 85,980	\$ 29,072	\$ -	\$ 18,100	\$ -	\$ -	\$ -	\$ -	\$133,152
2.6 Bridge Type Selection Report	\$ 68,776	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$68,776
2.7 Bridge Type Selection Meeting	\$ 6,576	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,576
2.8 Plans and Estimate - 30% Stage	\$ 20,596	\$ 21,699	\$ -	\$ 5,272	\$ -	\$ -	\$ 12,205	\$ -	\$59,772
2.9 Hazardous Material Testing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
2.9.1 Soil and Groundwater Sampling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,580	\$ -	\$ -	\$6,580
2.9.2 Aerial Deposited Lead Investigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,935	\$ -	\$ -	\$18,935
2.9.3 Asbestos Survey	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,630	\$ -	\$ -	\$8,630
Concept Engineering and Utility Coordination	\$ 50,520	\$ -	\$ -	\$ -	\$ -	\$ 9,038	\$ -	\$ -	\$59,558
Subtotal Phase 2	\$244,142	\$110,613	\$0	\$23,898	\$0	\$100,136	\$13,265	\$0	\$492,054

### Fair Oaks Overhead Rehabilitation: Fee Schedule

City of Sunnyvale  
Summary of Combined Consultant Total Costs

Phase	BCA	BKF	Circlepoint	Callander	Fehr & Peers	Parikh	AEC	Gray-Bowen	Total	
	Prime (Project Mgmt/ Structural)	Sub (Civil/ROW/ Survey/Utilities)	Sub (Environ/ Public Outreach)	Sub (Landscape Arch)	Sub (Traffic Studies)	Sub (UDBE) (Geotech/ HazMat)	Sub (UDBE) (Elect Engr)	Sub (Funding Services)		
<b>Phase 3 – Final Design PS&amp;E</b>										
3.1 Utility Coordination / Design	\$ -	\$ 24,590	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$24,590	
3.2 Regulatory Permitting	\$ -	\$ 2,454	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,454	
3.3 ROW Engineering / Appraisal / Acquisition										
3.3.1 Right-of-Way Engineering	\$ 996	\$ 30,942	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$31,938	
3.3.2 Appraisal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	
3.3.3 Independent Appraisal Review	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	
3.3.4 Acquisition Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	
3.3.5 Title and Closing Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	
3.3.6 Right of Way Certification	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	
Universal Field Services (Right-of-Way)	\$ -	\$ 49,231	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$49,231	
HazMat Testing on Parcels (6 Total)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,195	\$ -	\$ -	\$9,195	
3.4 Final Geotechnical Report	\$ 714	\$ -	\$ -	\$ -	\$ -	\$ 4,988	\$ -	\$ -	\$5,702	
3.5 Plans, Specifications and Estimate (PS&E) - 65% Unchecked Plans										
Prepare and Submit (PS&E) - 65% Unchecked Plans	\$ 177,066	\$ 42,392	\$ -	\$ 8,454	\$ -	\$ -	\$ -	\$ -	\$227,912	
65% Unchecked Plans Submittal Review	\$ -	\$ 2,416	\$ -	\$ -	\$ -	\$ -	\$ 14,585	\$ -	\$17,001	
3.6 Plans, Specifications and Estimate (PS&E) 90% Initial Review										
Prepare and Submit (PS&E) 90% Initial Review	\$ 66,972	\$ 32,142	\$ -	\$ 2,218	\$ -	\$ -	\$ 12,007	\$ -	\$113,339	
Independent Structural Check Calculations	\$ 66,072	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$66,072	
90% Initial Review Submittal Review	\$ -	\$ 2,416	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,416	
3.7 Plans, Specifications and Estimate (PS&E) Intermediate Review										
Prepare and Submit (Intermediate PS&E)	\$ 67,206	\$ 25,300	\$ -	\$ 1,739	\$ -	\$ -	\$ 4,118	\$ -	\$98,363	
Intermediate Review Submittal Review	\$ -	\$ 1,208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,208	
Constructability Review	\$ 17,928	\$ -	\$ -	\$ 1,156	\$ -	\$ -	\$ 1,395	\$ -	\$20,479	
3.8 100% Final Plans, Specifications and Estimate (Final PS&E) - Bid Documents										
Prepare and Submit (Final PS&E)	\$ 39,372	\$ 20,683	\$ -	\$ 2,086	\$ -	\$ -	\$ 2,289	\$ -	\$64,430	
Subtotal Phase 3	\$436,326	\$233,774	\$0	\$15,653	\$0	\$14,183	\$34,394	\$0	\$734,329	
<b>Phase 4 – Bidding Support</b>										
4.1 Bid Support Services	\$ 8,088	\$ 7,760	\$ -	\$ 1,346	\$ -	\$ -	\$ 2,398	\$ -	\$19,592	
Subtotal Phase 4	\$8,088	\$7,760	\$0	\$1,346	\$0	\$0	\$2,398	\$0	\$19,592	
<b>Reimbursables</b>										
Plots	\$ 8,500	\$ 7,183	\$ -	\$ 2,800	\$ -	\$ -	\$ -	\$ -	\$18,483	
Reproduction & Delivery	\$ 8,000	\$ 7,183	\$ -	\$ 1,400	\$ -	\$ 750	\$ 75	\$ -	\$17,408	
Printing Environmental Documents	\$ -	\$ -	\$ 4,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$4,500	
Travel	\$ -	\$ -	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,500	
Delivery Services	\$ -	\$ -	\$ 300	\$ -	\$ -	\$ -	\$ -	\$ -	\$300	
Printing and Postage (Meeting Notifications)	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$15,000	
Newspaper Advertisement Placement	\$ -	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$8,000	
Meeting Venue Fees, Court Reporter, Refreshment allowance	\$ -	\$ -	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$4,000	
Translation Services	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$5,000	
Meeting Exhibits - Printing/Mounting Allowance	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$5,000	
Other Meeting Expenses	\$ -	\$ -	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,500	
24-Hour Machine Counts	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ -	\$ -	\$ -	\$6,000	
2 - peak hour turning movement counts	\$ -	\$ -	\$ -	\$ -	\$ 1,600	\$ -	\$ -	\$ -	\$1,600	
24-hour Pedestrian Counts	\$ -	\$ -	\$ -	\$ -	\$ 2,700	\$ -	\$ -	\$ -	\$2,700	
Mileage	\$ -	\$ -	\$ -	\$ -	\$ 320	\$ -	\$ -	\$ -	\$320	
Subtotal Reimbursables	\$16,500	\$14,366	\$44,800	\$4,200	\$10,620	\$750	\$75	\$0	\$91,311	
<b>Base Services Totals</b>										
Subtotal Direct Labor (Dollars)	\$918,432	\$310,978	\$356,145	\$58,422	\$37,380	\$57,161	\$57,305	\$45,000	\$1,840,823	
Subtotal Subconsultants	\$0	\$70,483	\$114,979	\$0	\$0	\$65,748	\$0	\$0	\$251,210	
Subtotal Reimbursables	\$16,500	\$14,366	\$44,800	\$4,200	\$10,620	\$750	\$75	\$0	\$91,311	
Project Total (Dollars)	\$934,932	\$395,827	\$515,924	\$62,622	\$48,000	\$123,659	\$57,380	\$45,000	\$2,183,344	
	BCA	BKF	Circlepoint	Callander	Fehr & Peers	Parikh	AEC	Gray-Bowen	Total	
	UDBE Subconsultants									
	UDBE %						5.29%			

### Fair Oaks Overhead Rehabilitation: Fee Schedule

City of Sunnyvale

Staff Person-Hour Breakdown: Biggs Cardosa Associates, Inc. (Project Management/Structural)

Phase	Rate (\$/hr)	Principal	Eng Manager	Project Admin	Project Engineer	Staff Engineer	Senior CAD Drafter	Secretarial			Total Hours	Total Dollars
<b>Phase 0 - Project Management</b>												
0.1 Coordination/Meetings/Administration		300	320	0	40	0	0	24	0	0	684	\$115,128
0.2 Accounting and Project Schedule		40	38	40	40	0	0	0	0	0	158	\$23,448
0.3 Agency Coordination		164	188	0	40	0	0	2	0	0	394	\$65,976
		504	546	40	120	0	0	26	0	0	1,236	
		\$105,840	\$78,624	\$5,256	\$12,960	\$0	\$0	\$1,872	\$0	\$0		\$204,552
<b>Phase 1 - Environmental Clearance / Public Outreach</b>												
1.1 Environmental Document (EIR/EA)		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1 Technical Studies		4	6	0	8	8	4	2	0	0	32	\$3,904
1.1.1(a) Initial Site Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(b) Right-of-Way Impacts		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(c) Traffic Studies (F&P)		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(d) Community Impact Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(e) Visual Impact Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(f) Biological Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(g) Noise Impact Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(h) Air Quality Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(i) Cultural Resources		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(j) Historical Resources		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(k) Paleontology		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(l) Hydraulics and Water Quality		0	0	0	0	0	0	0	0	0	0	\$0
1.1.2 Draft Environmental Document		4	8	0	8	0	0	0	0	0	20	\$2,856
1.1.2(a) Confirm Project Description, Purpose and Need, Alternatives		0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(b) Notice of Preparation		0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(c) Administrative Draft ED		0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(d) Draft ED		0	0	0	0	0	0	0	0	0	0	\$0
1.1.3 Final Environmental Document		2	6	0	6	0	0	0	0	0	14	\$1,932
1.1.3(a) Admin Final ED		0	0	0	0	0	0	0	0	0	0	\$0
1.1.3(b) Final ED		0	0	0	0	0	0	0	0	0	0	\$0
Vertical APE Testing for Archaeological Resources		0	0	0	0	0	0	0	0	0	0	\$0
1.2 Public Outreach - Design and Environmental Review Phases		0	0	0	0	0	0	0	0	0	0	\$0
1.2.1 Stakeholder/Property Owner Contact List		0	0	0	0	0	0	0	0	0	0	\$0
1.2.2 Initial Stakeholder Meetings (3)		12	12	0	12	0	0	0	0	0	36	\$5,544
1.2.3 General Public Informational Meetings (2)		8	8	0	8	0	0	0	0	0	24	\$3,696
1.2.4 Public Scoping Meeting (1)		4	4	0	4	0	0	0	0	0	12	\$1,848
1.2.5 Review Meetings and Hearings (up to 3)		12	12	0	12	0	0	0	0	0	36	\$5,544
1.2.6 Design/Environmental Phase Public Outreach Tools		0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(a) Input to CITY Public Information Officer		0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(b) Provide Content for Project Page to CITY's Aesthetics/Vis Sim/Renderings		0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(c) Provide Content for Project Page to CITY's Website		0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(d) Translation Services		0	0	0	0	0	0	0	0	0	0	\$0
Periodic Project Fact Sheets/Mailers		0	0	0	0	0	0	0	0	0	0	\$0
Ongoing Communications Thru Construction		0	0	0	0	0	0	0	0	0	0	\$0
		46	56	0	58	8	4	2	0	0	174	
		\$9,660	\$8,064	\$0	\$6,264	\$784	\$408	\$144	\$0	\$0		\$25,324
<b>Phase 2 - Preliminary Engineering / Environmental Analysis</b>												
2.1 Data Research and Collection		8	12	0	20	20	4	0	0	0	64	\$7,936
2.2 Topographic and Property Boundary Survey and Base Mapping		1	2	0	4	4	2	0	0	0	13	\$1,526
2.3 Preliminary Geotechnical Investigation and Recommendations		2	4	0	6	6	0	0	0	0	18	\$2,232
2.4 Hydrology Analysis		0	0	0	0	0	0	0	0	0	0	\$0
2.5 Concept Engineering and Utility Coordination		54	120	0	200	240	120	0	0	0	734	\$85,980
2.6 Bridge Type Selection Report		36	80	0	160	200	120	8	0	0	604	\$68,776
2.7 Bridge Type Selection Meeting		8	16	0	24	0	0	0	0	0	48	\$6,576
2.8 Plans and Estimate - 30% Stage		14	24	0	40	80	20	0	0	0	178	\$20,596
2.9 Hazardous Material Testing		0	0	0	0	0	0	0	0	0	0	\$0
2.9.1 Soil and Groundwater Sampling		0	0	0	0	0	0	0	0	0	0	\$0
2.9.2 Aerial Deposited Lead Investigation		0	0	0	0	0	0	0	0	0	0	\$0
2.9.3 Asbestos Survey		0	0	0	0	0	0	0	0	0	0	\$0
Concept Engineering and Utility Coordination/Stair Assembly		18	60	0	100	150	120	5	0	0	453	\$50,520
		141	318	0	554	700	386	13	0	0	2,112	
		\$29,610	\$45,792	\$0	\$69,832	\$68,600	\$39,372	\$936	\$0	\$0		\$244,142



**Fair Oaks Overhead Rehabilitation: Fee Schedule**

City of Sunnyvale

Staff Person-Hour Breakdown: Biggs Cardosa Associates, Inc. (Project Management/Structural)

Phase	Principal	Eng Manager	Project Admin	Project Engineer	Staff Engineer	Senior CAD Drafter	Secretarial			Total Hours	Total Dollars
	Rate (\$/hr):	\$210	\$144	\$131	\$108	\$98	\$102	\$72			
Base Services Totals											
	Total Hours	940	1,510	40	1,626	1,998	1,178	94	0	0	7,386
	Total Dollars	\$197,400	\$217,440	\$5,256	\$175,608	\$195,804	\$120,156	\$6,768	\$0	\$0	\$918,432
	Subtotal Subconsultants										\$0
	Subtotal Reimbursables										\$16,500
	<b>Project Total (Dollars)</b>										<b>\$934,932</b>

Staff Person-Hour Breakdown: Biggs Cardosa Associates, Inc. (Project Management/Structural)

**Fair Oaks Overhead Rehabilitation: Fee Schedule**  
 City of Sunnyvale  
 Staff Person-Hour Breakdown: BKF Engineers (Civil/ROW/Survey/Utilities)

Phase	Principal	PM/Assoc	Eng IV	Eng III	Eng II	Eng I	Tech	Clerical	Survey	Total Hours	Total Dollars
<b>Phase 0 - Project Management</b>	\$255	\$173	\$151	\$140	\$123	\$107	\$110	\$67	\$234		
0.1 Coordination/Meetings/Administration	16	30	0	0	0	0	0	0	0	46	\$9,270
0.2 Accounting and Project Schedule	0	0	0	0	0	0	0	0	0	0	\$0
0.3 Agency Coordination	12	24	12	0	0	0	0	0	0	48	\$9,024
Subtotal Phase 0 (hr)	28	54	12	0	0	0	0	0	0	94	
Subtotal Phase 0 (\$)	\$7,140	\$9,342	\$1,812	\$0	\$0	\$0	\$0	\$0	\$0		\$18,294
<b>Phase 1 - Environmental Clearance / Public Outreach</b>											
1.1 Environmental Document (EIR/EA)	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1 Technical Studies	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(a) Initial Site Assessment	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(b) Right-of-Way Impacts	1	4	0	8	0	0	0	0	0	13	\$2,067
1.1.1(c) Traffic Studies (F&P)	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(d) Community Impact Assessment	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(e) Visual Impact Assessment	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(f) Biological Assessment	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(g) Noise Impact Assessment	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(h) Air Quality Assessment	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(i) Cultural Resources	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(j) Historical Resources	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(k) Paleontology	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(l) Hydraulics and Water Quality	3	10	0	8	6	0	6	0	0	33	\$5,013
1.1.2 Draft Environmental Document	0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(a) Confirm Project Description, Purpose and Need, Alternatives	0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(b) Notice of Preparation	0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(c) Administrative Draft ED	0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(d) Draft ED	0	0	0	0	0	0	0	0	0	0	\$0
1.1.3 Final Environmental Document	0	0	0	0	0	0	0	0	0	0	\$0
1.1.3(a) Admin Final ED	0	0	0	0	0	0	0	0	0	0	\$0
1.1.3(b) Final ED	0	0	0	0	0	0	0	0	0	0	\$0
Vertical APE Testing for Archaeological Resources	0	0	0	0	0	0	0	0	0	0	\$0
1.2 Public Outreach - Design and Environmental Review Phases	0	0	0	0	0	0	0	0	0	0	\$0
1.2.1 Stakeholder/Property Owner Contact List	0	0	0	0	0	0	0	0	0	0	\$0
1.2.2 Initial Stakeholder Meetings (3)	0	0	0	0	0	0	0	0	0	0	\$0
1.2.3 General Public Informational Meetings (2)	6	6	0	0	4	0	8	0	0	24	\$3,940
1.2.4 Public Scoping Meeting (1)	0	0	0	0	0	0	0	0	0	0	\$0
1.2.5 Review Meetings and Hearings (up to 3)	0	0	0	0	0	0	0	0	0	0	\$0
1.2.6 Design/Environmental Phase Public Outreach Tools	0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(a) Input to CITY Public Information Officer	0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(b) Provide Content for Project Page to CITY's Aesthetics/Vis Sim/Renderings	0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(c) Provide Content for Project Page to CITY's Website	0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(d) Translation Services	0	0	0	0	0	0	0	0	0	0	\$0
Periodic Project Fact Sheets/Mailers	0	0	0	0	0	0	0	0	0	0	\$0
Ongoing Communications Thru Construction	0	0	0	0	0	0	0	0	0	0	\$0
Subtotal Phase 1 (hr)	10	20	0	16	10	0	14	0	0	70	
Subtotal Phase 1 (\$)	\$2,550	\$3,460	\$0	\$2,240	\$1,230	\$0	\$1,540	\$0	\$0		\$11,020
<b>Phase 2 - Preliminary Engineering / Environmental Analysis</b>											
2.1 Data Research and Collection	2	6	6	4	4	8	4	0	0	34	\$4,802
2.2 Topographic and Property Boundary Survey and Base Mapping	0	12	4	20	64	24	0	0	60	184	\$29,960
2.3 Preliminary Geotechnical Investigation and Recommendations	0	0	0	0	0	0	0	0	0	0	\$0
2.4 Hydrology Analysis	0	2	12	0	10	0	4	0	0	28	\$3,828
2.5 Concept Engineering and Utility Coordination	18	50	18	44	30	12	18	0	0	190	\$29,072
2.6 Bridge Type Selection Report	0	0	0	0	0	0	0	0	0	0	\$0
2.7 Bridge Type Selection Meeting	0	0	0	0	0	0	0	0	0	0	\$0
2.8 Plans and Estimate - 30% Stage	5	32	0	26	52	12	30	4	0	161	\$21,699
2.9 Hazardous Material Testing	0	0	0	0	0	0	0	0	0	0	\$0
2.9.1 Soil and Groundwater Sampling	0	0	0	0	0	0	0	0	0	0	\$0
2.9.2 Aerial Deposited Lead Investigation	0	0	0	0	0	0	0	0	0	0	\$0
2.9.3 Asbestos Survey	0	0	0	0	0	0	0	0	0	0	\$0
Concept Engineering and Utility Coordination/Stair Assembly	0	0	0	0	0	0	0	0	0	0	\$0
Subtotal Phase 2 (hr)	25	102	40	94	160	56	56	4	60	597	
Subtotal Phase 2 (\$)	\$6,375	\$17,646	\$6,040	\$13,160	\$19,680	\$5,992	\$6,160	\$268	\$14,040		\$89,361



**Fair Oaks Overhead Rehabilitation: Fee Schedule**  
 City of Sunnyvale  
 Staff Person-Hour Breakdown: BKF Engineers (Civil/ROW/Survey/Utilities)

Phase	Rate (\$/hr)	Principal	PM/Assoc	Eng IV	Eng III	Eng II	Eng I	Tech	Clerical	Survey	Total Hours	Total Dollars
		\$255	\$173	\$151	\$140	\$123	\$107	\$110	\$67	\$234		
<b>Reimbursables</b>												
Plots												\$7,183
Reproduction & Delivery												\$7,183
Printing Environmental Documents												
Travel												
Delivery Services												
Printing and Postage (Meeting Notifications)												
Newspaper Advertisement Placement												
Meeting Venue Fees, Court Reporter, Refreshment allowance												
Translation Services												
Meeting Exhibits - Printing/Mounting Allowance												
Other Meeting Expenses												
24-Hour Machine Counts												
2 - peak hour turning movement counts												
24-hour Pedestrian Counts												
Mileage												
Subtotal Reimbursables (\$)												\$14,366
<b>Base Services Totals</b>												
Total Hours		120	376	234	390	440	170	299	36	76	2,141	
Subtotal Direct Labor (Dollars)		\$30,600	\$65,048	\$35,334	\$54,600	\$54,120	\$18,190	\$32,890	\$2,412	\$17,784		\$310,978
Subtotal Subconsultants												\$70,483
Subtotal Reimbursables												\$14,366
Project Total (Dollars)												\$395,827

Staff Person-Hour Breakdown: BKF Engineers (Civil/ROW/Survey/Utilities)





**Fair Oaks Overhead Rehabilitation: Fee Schedule**

City of Sunnyvale

Staff Person-Hour Breakdown: Circlepoint (Environmental Compliance/Public Outreach)

Phase	Rate (\$/hr)	Principal	Senior PM	Project Manager	Senior Associate	Associate	Asst/ Coordinator	Art Director	Graphics	Clerical	Total Hours	Total Dollars
		\$240	\$155	\$140	\$105	\$86	\$75	\$150	\$85	\$70		
<b>Reimbursables</b>												
Plots												
Reproduction & Delivery												
Printing Environmental Documents												\$4,500
Travel												\$1,500
Delivery Services												\$300
Printing and Postage (Meeting Notifications)												\$15,000
Newspaper Advertisement Placement												\$8,000
Meeting Venue Fees, Court Reporter, Refreshment allowance												\$4,000
Translation Services												\$5,000
Meeting Exhibits - Printing/Mounting Allowance												\$5,000
Other Meeting Expenses												\$1,500
24-Hour Machine Counts												
2 - peak hour turning movement counts												
24-hour Pedestrian Counts												
Mileage												
Subtotal Reimbursables (\$)												\$44,800
<b>Base Services Totals</b>												
	Total Hours	172	475	264	481	725	695	51	108	321	3,292	
	Subtotal Direct Labor (Dollars)	\$41,280	\$73,625	\$36,960	\$50,505	\$62,350	\$52,125	\$7,650	\$9,180	\$22,470		\$356,145
	Subtotal Subconsultants											\$114,979
	Subtotal Reimbursables											\$44,800
	<b>Project Total (Dollars)</b>											<b>\$515,924</b>

Staff Person-Hour Breakdown: Circlepoint (Environmental Compliance/Public Outreach)

### Fair Oaks Overhead Rehabilitation: Fee Schedule

City of Sunnyvale

Staff Person-Hour Breakdown: Callander Associates Landscape Architecture, Inc. (Landscape Architecture)

Phase	Rate (\$/hr)	Principal	Project Manager	Assistant	Word Processing	Construct Manager					Total Hours	Total Dollars
		\$155	\$108	\$96	\$62	\$134						
<b>Phase 0 - Project Management</b>												
0.1 Coordination/Meetings/Administration		9	18	8	2	0	0	0	0	0	37	\$4,231
0.2 Accounting and Project Schedule		0	0	0	0	0	0	0	0	0	0	\$0
0.3 Agency Coordination		0	0	0	0	0	0	0	0	0	0	\$0
	Subtotal Phase 0 (hr)	9	18	8	2	0	0	0	0	0	37	
	Subtotal Phase 0 (\$)	\$1,395	\$1,944	\$768	\$124	\$0	\$0	\$0	\$0	\$0		\$4,231
<b>Phase 1 - Environmental Clearance / Public Outreach</b>												
1.1 Environmental Document (EIR/EA)		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1 Technical Studies		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(a) Initial Site Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(b) Right-of-Way Impacts		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(c) Traffic Studies (F&P)		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(d) Community Impact Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(e) Visual Impact Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(f) Biological Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(g) Noise Impact Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(h) Air Quality Assessment		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(i) Cultural Resources		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(j) Historical Resources		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(k) Paleontology		0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(l) Hydraulics and Water Quality		0	0	0	0	0	0	0	0	0	0	\$0
1.1.2 Draft Environmental Document		0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(a) Confirm Project Description, Purpose and Need, Alternatives		0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(b) Notice of Preparation		0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(c) Administrative Draft ED		0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(d) Draft ED		0	0	0	0	0	0	0	0	0	0	\$0
1.1.3 Final Environmental Document		0	0	0	0	0	0	0	0	0	0	\$0
1.1.3(a) Admin Final ED		0	0	0	0	0	0	0	0	0	0	\$0
1.1.3(b) Final ED		0	0	0	0	0	0	0	0	0	0	\$0
Vertical APE Testing for Archaeological Resources		0	0	0	0	0	0	0	0	0	0	\$0
1.2 Public Outreach - Design and Environmental Review Phases		0	0	0	0	0	0	0	0	0	0	\$0
1.2.1 Stakeholder/Property Owner Contact List		0	0	0	0	0	0	0	0	0	0	\$0
1.2.2 Initial Stakeholder Meetings (3)		0	0	0	0	0	0	0	0	0	0	\$0
1.2.3 General Public Informational Meetings (2)		16	20	6	0	0	0	0	0	0	42	\$5,216
1.2.4 Public Scoping Meeting (1)		8	12	2	0	0	0	0	0	0	22	\$2,728
1.2.5 Review Meetings and Hearings (up to 3)		0	0	0	0	0	0	0	0	0	0	\$0
1.2.6 Design/Environmental Phase Public Outreach Tools		0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(a) Input to CITY Public Information Officer		0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(b) Provide Content for Project Page to CITY's Aesthetics/Vis Sim/Renderings		2	4	48	0	0	0	0	0	0	54	\$5,360
1.2.6(c) Provide Content for Project Page to CITY's Website		0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(d) Translation Services		0	0	0	0	0	0	0	0	0	0	\$0
Periodic Project Fact Sheets/Mailers		0	0	0	0	0	0	0	0	0	0	\$0
Ongoing Communications Thru Construction		0	0	0	0	0	0	0	0	0	0	\$0
	Subtotal Phase 1 (hr)	26	36	56	0	0	0	0	0	0	118	
	Subtotal Phase 1 (\$)	\$4,030	\$3,888	\$5,376	\$0	\$0	\$0	\$0	\$0	\$0		\$13,294
<b>Phase 2 - Preliminary Engineering / Environmental Analysis</b>												
2.1 Data Research and Collection		0	0	0	0	0	0	0	0	0	0	\$0
2.2 Topographic and Property Boundary Survey and Base Mapping		2	2	0	0	0	0	0	0	0	4	\$526
2.3 Preliminary Geotechnical Investigation and Recommendations		0	0	0	0	0	0	0	0	0	0	\$0
2.4 Hydrology Analysis		0	0	0	0	0	0	0	0	0	0	\$0
2.5 Concept Engineering and Utility Coordination		20	50	100	0	0	0	0	0	0	170	\$18,100
2.6 Bridge Type Selection Report		0	0	0	0	0	0	0	0	0	0	\$0
2.7 Bridge Type Selection Meeting		0	0	0	0	0	0	0	0	0	0	\$0
2.8 Plans and Estimate - 30% Stage		8	16	24	0	0	0	0	0	0	48	\$5,272
2.9 Hazardous Material Testing		0	0	0	0	0	0	0	0	0	0	\$0
2.9.1 Soil and Groundwater Sampling		0	0	0	0	0	0	0	0	0	0	\$0
2.9.2 Aerial Deposited Lead Investigation		0	0	0	0	0	0	0	0	0	0	\$0
2.9.3 Asbestos Survey		0	0	0	0	0	0	0	0	0	0	\$0
Concept Engineering and Utility Coordination/Stair Assembly		0	0	0	0	0	0	0	0	0	0	\$0
	Subtotal Phase 2 (hr)	30	68	124	0	0	0	0	0	0	222	
	Subtotal Phase 2 (\$)	\$4,650	\$7,344	\$11,904	\$0	\$0	\$0	\$0	\$0	\$0		\$23,898



**Fair Oaks Overhead Rehabilitation: Fee Schedule**

City of Sunnyvale

Staff Person-Hour Breakdown: Callander Associates Landscape Architecture, Inc. (Landscape Architecture)

Phase	Rate (\$/hr)	Principal	Project Manager	Assistant	Word Processing	Construct Manager					Total Hours	Total Dollars
		\$155	\$108	\$96	\$62	\$134						
<b>Reimbursables</b>												
Plots												\$2,800
Reproduction & Delivery												\$1,400
Printing Environmental Documents												
Travel												
Delivery Services												
Printing and Postage (Meeting Notifications)												
Newspaper Advertisement Placement												
Meeting Venue Fees, Court Reporter, Refreshment allowance												
Translation Services												
Meeting Exhibits - Printing/Mounting Allowance												
Other Meeting Expenses												
24-Hour Machine Counts												
2 - peak hour turning movement counts												
24-hour Pedestrian Counts												
Mileage												
	Subtotal Reimbursables (\$)											\$4,200
<b>Base Services Totals</b>												
	Total Hours	84	170	256	16	11	0	0	0	0	537	
	Subtotal Direct Labor (Dollars)	\$13,020	\$18,360	\$24,576	\$992	\$1,474	\$0	\$0	\$0	\$0		\$58,422
	Subtotal Subconsultants											\$0
	Subtotal Reimbursables											\$4,200
	<b>Project Total (Dollars)</b>											<b>\$62,622</b>

Staff Person-Hour Breakdown: Callander Associates Landscape Architecture, Inc. (Landscape Architecture)

**Fair Oaks Overhead Rehabilitation: Fee Schedule**

City of Sunnyvale

Staff Person-Hour Breakdown: Fehr & Peers (Traffic Studies)

Phase	Rate (\$/hr)	Senior Associate	Senior Engineer/ Planner	Staff Engineer/ Planner	Senior Tech / Draft	Admin					Total Hours	Total Dollars	
		\$225	\$145	\$100	\$135	\$100							
<b>Phase 0 - Project Management</b>													
0.1 Coordination/Meetings/Administration		0	0	0	0	0	0	0	0	0	0	0	\$0
0.2 Accounting and Project Schedule		0	0	0	0	0	0	0	0	0	0	0	\$0
0.3 Agency Coordination		0	0	0	0	0	0	0	0	0	0	0	\$0
		Subtotal Phase 0 (hr)										0	0
		Subtotal Phase 0 (\$)										\$0	\$0
<b>Phase 1 - Environmental Clearance / Public Outreach</b>													
1.1 Environmental Document (EIR/EA)												0	\$0
1.1.1 Technical Studies		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(a) Initial Site Assessment		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(b) Right-of-Way Impacts		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(c) Traffic Studies (F&P)		10	65	134	20	31	0	0	0	0	261	\$31,020	
1.1.1(d) Community Impact Assessment		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(e) Visual Impact Assessment		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(f) Biological Assessment		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(g) Noise Impact Assessment		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(h) Air Quality Assessment		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(i) Cultural Resources		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(j) Historical Resources		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(k) Paleontology		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.1(l) Hydraulics and Water Quality		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.2 Draft Environmental Document		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(a) Confirm Project Description, Purpose and Need, Alternatives		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(b) Notice of Preparation		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(c) Administrative Draft ED		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.2(d) Draft ED		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.3 Final Environmental Document		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.3(a) Admin Final ED		0	0	0	0	0	0	0	0	0	0	0	\$0
1.1.3(b) Final ED		0	0	0	0	0	0	0	0	0	0	0	\$0
Vertical APE Testing for Archaeological Resources		0	0	0	0	0	0	0	0	0	0	0	\$0
1.2 Public Outreach - Design and Environmental Review Phases		0	0	0	0	0	0	0	0	0	0	0	\$0
1.2.1 Stakeholder/Property Owner Contact List		0	0	0	0	0	0	0	0	0	0	0	\$0
1.2.2 Initial Stakeholder Meetings (3)		4	4	0	0	0	0	0	0	0	8	\$1,480	
1.2.3 General Public Informational Meetings (2)		4	4	4	4	2	0	0	0	0	18	\$2,620	
1.2.4 Public Scoping Meeting (1)		0	4	0	0	0	0	0	0	0	4	\$580	
1.2.5 Review Meetings and Hearings (up to 3)		4	4	0	0	2	0	0	0	0	10	\$1,680	
1.2.6 Design/Environmental Phase Public Outreach Tools		0	0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(a) Input to CITY Public Information Officer		0	0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(b) Provide Content for Project Page to CITY's Aesthetics/Vis Sim/Renderings		0	0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(c) Provide Content for Project Page to CITY's Website		0	0	0	0	0	0	0	0	0	0	0	\$0
1.2.6(d) Translation Services		0	0	0	0	0	0	0	0	0	0	0	\$0
Periodic Project Fact Sheets/Mailers		0	0	0	0	0	0	0	0	0	0	0	\$0
Ongoing Communications Thru Construction		0	0	0	0	0	0	0	0	0	0	0	\$0
		Subtotal Phase 1 (hr)										22	82
		Subtotal Phase 1 (\$)										\$4,950	\$11,890
<b>Phase 2 - Preliminary Engineering / Environmental Analysis</b>													
2.1 Data Research and Collection		0	0	0	0	0	0	0	0	0	0	0	\$0
2.2 Topographic and Property Boundary Survey and Base Mapping		0	0	0	0	0	0	0	0	0	0	0	\$0
2.3 Preliminary Geotechnical Investigation and Recommendations		0	0	0	0	0	0	0	0	0	0	0	\$0
2.4 Hydrology Analysis		0	0	0	0	0	0	0	0	0	0	0	\$0
2.5 Concept Engineering and Utility Coordination		0	0	0	0	0	0	0	0	0	0	0	\$0
2.6 Bridge Type Selection Report		0	0	0	0	0	0	0	0	0	0	0	\$0
2.7 Bridge Type Selection Meeting		0	0	0	0	0	0	0	0	0	0	0	\$0
2.8 Plans and Estimate - 30% Stage		0	0	0	0	0	0	0	0	0	0	0	\$0
2.9 Hazardous Material Testing		0	0	0	0	0	0	0	0	0	0	0	\$0
2.9.1 Soil and Groundwater Sampling		0	0	0	0	0	0	0	0	0	0	0	\$0
2.9.2 Aerial Deposited Lead Investigation		0	0	0	0	0	0	0	0	0	0	0	\$0
2.9.3 Asbestos Survey		0	0	0	0	0	0	0	0	0	0	0	\$0
Concept Engineering and Utility Coordination/Stair Assembly		0	0	0	0	0	0	0	0	0	0	0	\$0
		Subtotal Phase 2 (hr)										0	0
		Subtotal Phase 2 (\$)										\$0	\$0



**Fair Oaks Overhead Rehabilitation: Fee Schedule**

City of Sunnyvale

Staff Person-Hour Breakdown: **Fehr & Peers (Traffic Studies)**

Phase	Rate (\$/hr):	Senior Associate	Senior Engineer/Planner	Staff Engineer/Planner	Senior Tech / Draft	Admin					Total Hours	Total Dollars
		\$225	\$145	\$100	\$135	\$100						
<b>Reimbursables</b>												
Plots												
Reproduction & Delivery												
Printing Environmental Documents												
Travel												
Delivery Services												
Printing and Postage (Meeting Notifications)												
Newspaper Advertisement Placement												
Meeting Venue Fees, Court Reporter, Refreshment allowance												
Translation Services												
Meeting Exhibits - Printing/Mounting Allowance												
Other Meeting Expenses												
24-Hour Machine Counts												\$6,000
2 - peak hour turning movement counts												\$1,600
24-hour Pedestrian Counts												\$2,700
Mileage												\$320
Subtotal Reimbursables (\$)												\$10,620
<b>Base Services Totals</b>												
Total Hours		22	82	138	24	35	0	0	0	0	301	
Subtotal Direct Labor (Dollars)		\$4,950	\$11,890	\$13,800	\$3,240	\$3,500	\$0	\$0	\$0	\$0		\$37,380
Subtotal Subconsultants												\$0
Subtotal Reimbursables												\$10,620
Project Total (Dollars)												\$48,000

Staff Person-Hour Breakdown: Fehr & Peers (Traffic Studies)