

# Exhibit A – Statement of Work

## A. Preliminary Engineering and Environmental

### Task 1 Project Kick-Off Meeting

WEBB will schedule and attend meetings in the planning phase as follows:

Kick-off meeting including  
sub-consultants and agencies.

WEBB will schedule, chair, and prepare meeting agendas and minutes for all meetings. The agendas will be submitted to the Agency for review two working days before the meeting. The minutes will be distributed to all attendees, everyone who was invited, and the Agency's Project Manager within five working days after the meeting. The minutes shall include, but not be limited to a list of attendees with phone numbers and email, synopsis of discussion items, any pertinent information, action items, and follow-up to action items.

WEBB will prepare the project schedule for the three phases utilizing Microsoft Project. WEBB will provide the schedule in both digital and hard copy. An updated schedule is to be handed out during PDT Meetings.

The project schedule will be divided into tasks and subtasks in full detail including, but not limited to Agency function timeline, critical path, and outside sources such as agencies or utilities. Some of the tasks shall be, but are not limited to planning, environmental, right-of-way, design, relevant Agency meetings, CVWD Review, utility relocation, advertising, and construction. The schedule will indicate anticipated durations for all tasks.

### Task 2. Surveying and Topographic Mapping

WEBB will perform all surveys (aerial and field) necessary for the preliminary and the final design of the project. WEBB will perform 200-FT wide aerial survey of the entire alignment. WEBB will also perform field survey of all signalized and un-signalized intersections. Topography will include, but not be limited to all features within the existing and proposed right-of-way. The topography will extend the length of the street, a minimum of 300-FT beyond the existing and proposed improvements.

Field survey information will also include surface ground surface culture, all features within and around the project area, and existing roadway profile and pavement limits. WEBB will perform detailed surveying work including the tie-out of any and all existing survey centerlines and property corner monuments that could be disturbed and affected by the proposed work.

### Task 3. Utilities Research and Coordination

WEBB will conduct existing utility research for all utilities within the Project limits to identify, locate, and accurately layout all underground improvements. WEBB will determine which utility is to receive the notification, address the utility notification letters, and provide the Agency with a copy of the letters. The Agency will print on Agency letterhead and provide them to WEBB. WEBB will mail these letters to the respective utility. WEBB will prepare letters to comprise of first utility notice letter (Preliminary Project Notice) with response form and second utility notice letter (Prepare to Relocate) with response form. WEBB will call the utility companies, as necessary, until a written response form is received from each potentially conflicting utility. WEBB will identify all utilities that could potentially conflict with the planned Project, and determine special requirements for facilities including protection, relocation, right-of-way easements, and construction

### Task 4. Environmental

#### Task 4.1 - CEQA Documentation

WEBB will draft a project description based on the improvement alignments. Using CVAG's preferred Initial Study (IS) format, WEBB will prepare an IS with explanatory text for all topical issue areas in compliance with the requirements of CEQA, the CEQA Guidelines, and CVAG's procedures for implementing CEQA. It is expected the IS will support the preparation of an MND.

Since Assembly Bill 52 (AB 52) is an important component of the CEQA process and can take time to complete (which affects the CEQA schedule), WEBB has included a task to assist CVAG with this process by drafting notification letters for CVAG to mail and will trade status. It is assumed a summary of the government to government AB 52 consultation efforts between CVAG and relevant tribes will be provided to WEBB for inclusion in the Tribal Cultural Resources Section of the IS/MND.

- This task includes preparing the document for public review through final formatting and compiling the relevant technical appendices for CVAG. WEBB will coordinate and conduct the public review process for the IS/MND. WEBB will draft the Notice of Intent (NOI), the Notice of Completion (NOC) for the State Clearinghouse, and draft an ad to be placed in a newspaper of local circulation. CVAG will need to review and sign the appropriate notices, and then WEBB will mail the NOA's to recipients on the Distribution List provided by CVAG via overnight mail or US Mail return receipt requested. An estimated budget of \$1,500 for mailing has been included. It is assumed CVAG will publish the newspaper ad.

#### **Final MND/Mitigation, Monitoring, and Reporting Program/Notice of Determination**

As part of the Final MND, WEBB will review and prepare responses to comments received during the 30 day public comment period and prepare a Screencheck Final IS/MND. The response to comments includes preparation of responses from no more than 30 individual comments that require answers other than "comment noted." All documents will be provided electronically to CVAG for its use and reproduction for any public hearings.

If mitigation measures are required to lessen impacts from the project, a mitigation monitoring and reporting program (MMRP) will be required per Section 15097 of the CEQA Guidelines. Given the project location and components, we do expect mitigation measures will be necessary. Therefore, WEBB will prepare an MMRP for CVAG. The MMRP will consist of a matrix that identifies, for each impact category, the applicable mitigation measures, timing for implementation of the mitigation measure, the party responsible for implementation, and the method of reporting or monitoring to be used. WEBB will prepare a Screencheck MMRP for CVAG review and incorporate one round of revisions.

The Final MND will be compiled by WEBB incorporating responses to comments, final MMRP, the MND, and technical appendices.

Finally, WEBB will prepare the Notice of Determination (NOD) as required by Section 15094 of the CEQA Guidelines for the Agency to file the NOD with the Riverside County Clerk's Office and State Clearinghouse.

Applicable CEQA filing fees are the responsibility of CVAG.

#### **Task 4.2 - CEQA Technical Studies**

The proposed project will require a few technical analyses to support the documentation in the MND. The only other technical areas of impacts that would require detailed analysis include air quality, greenhouse gas emissions/energy, biological resources, and cultural/paleontological resources. The scopes of work for these technical reports are provided below:

##### **Air Quality and Greenhouse Gas/Energy Analysis**

WEBB will prepare an Air Quality/Greenhouse Gas (AQ/GHG) Analysis in accordance with the South Coast Air Quality Management District (SCAQMD) requirements. The analysis will: 1) calculate emissions from construction activities using the SCAQMD's CalEEMod (version 2016.3.2) program; 2) prepare a regional significance threshold analysis as well as a localized significance threshold analysis using the LST Look Up Tables per SCAQMD requirements; 3) compare project emissions to the SCAQMD draft GHG thresholds; and 4) analyze model results and incorporate mitigation measures, as appropriate, into the computer model. The results will be summarized in a technical memorandum and include project-related emissions, identification of potential impacts from the project, and recommend mitigation measures to reduce those impacts, as appropriate. This scope includes revisions from one round of CVAG comments that are editorial in nature.

WEBB will also calculate the energy consumption from both construction activities and long-term energy usage, if applicable, associated with the proposed Project. Calculations will be presented in tables and included under separate cover. Energy impacts of projects are now required under the 2019 CEQA Guidelines and this information will be included in the Project's IS/MND using the technical analysis completed under this task. In order to complete the analysis, assumptions regarding construction timing and equipment and operations such as LED and charging station energy usage will be required and are assumed to be available from the project team or provided by CVAG.

##### **Biological Resources**

WEBB will partner with Wood Environment & Infrastructure Solutions (Wood) to conduct biological resource services. It is anticipated up to four separate tasks will be needed to support the CEQA document:

## Habitat Suitability Assessment/Coachella Valley Multiple Species Habitat Conservation Plan (CVMSHCP) Report

Wood will perform a literature review along the project alignment and immediate vicinity to determine if any sensitive biological resources have been reported in the area. A field survey will be conducted using methodologies appropriate for the detection of special-status elements identified by the CVMSHCP. Depending on the timing of the field survey, certain elements may be undetectable. Habitat suitability will be assessed for all special-status elements potentially occurring on the site including, but not limited to Coachella Valley fringed-toed lizard, bats, and burrowing owl. If suitable habitat is present within the project area, focused surveys may be required, but due to the disturbed/developed nature of the project footprint, surveys are not anticipated at this time. Since the project site does include some areas containing agricultural areas and golf courses, focused surveys for burrowing owl have been included in a separate task.

Wood will prepare a habitat suitability report which will include supporting documentation including a comprehensive species list, photographic figures, and maps. The report will be prepared according to the standards of the CVMSHCP. Wood will prepare a report describing the results of the biological assessment for the project. An electronic copy of the draft report will be provided to CVAG for review. Following one round of comments review, necessary changes will be incorporated into a final report for CVAG review and approval. If changes are not adequately addressed, subsequent corrections will be made to CVAG's satisfaction.

### Jurisdictional Delineation

The project site will be evaluated for jurisdictional resources. Jurisdictional waters of the U.S. and wetlands are regulated by the U.S. Army Corps of Engineers (USACE) under Section 404 of the Clean Water Act. Jurisdictional waters of the State are regulated by the Regional Water Quality Control Board (RWQCB) under Section 401 of the Clean Water Act and Porter Cologne Act. Jurisdictional streambeds and associated riparian habitat are regulated by the California Department of Fish and Wildlife (CDFW) under Section 1602 of the State Fish and Game Code.

As part of the jurisdictional delineation, a Wood wetland specialist will: 1) review background information including, but not limited to topographic maps, aerial photos, soils surveys, and engineering plans; 2) conduct an on-site evaluation of the site using the methods described in the 1987 USACE Wetlands Manual and the 2008 Arid West Supplement; and 3) produce a Jurisdictional Delineation Report that defines methods and results of the field assessment. Boundaries of jurisdictional areas and proposed impact areas will be overlaid onto aerial photographs for identification and quantification.

An electronic copy of the draft report will be provided to CVAG for review. Following one round of review comments, any necessary changes will be incorporated into a final electronic report.

### Regulatory Permitting

Wood permitting specialists will prepare permit applications for the project. Permit applications will be prepared for the following agencies:

- US Army Corps of Engineers: A Nationwide Permit Pre-construction Notification (PCN) Form will be prepared. This scope assumes the project will qualify under an existing Nationwide Permit (NWP). If the project does not qualify under an existing NWP, an Individual Permit (IP) would be required. Procurement of an IP includes assessments of alternatives and public comment and, therefore, would exceed the cost provided herein and is not included in this scope
- Regional Water Quality Control Board: An application for 401 Water Quality Certification will be prepared
- California Department of Fish and Game: An application for a Streambed Alteration Agreement will be prepared

Draft copies of the permits will be provided to CVAG for review and approval, submit applications, and follow up with agencies on a monthly basis to ensure proper permit processing. Permit fees are not included in this scope.

### Focused Burrowing Owl Surveys

Focused burrowing owl surveys are required where suitable habitat is present. Where applicable, focused burrowing owl surveys will be conducted, as described below. Focused burrow surveys and four breeding season focused burrowing owl surveys will need to be performed between March 1 and August 31 (during the breeding season). Focused Burrowing Owl Surveys will consist of visits to the project area on four separate days. This scope of work includes surveys on an estimated 20-acres of suitable habitat. If additional habitat is identified within the project site, additional costs may be required.

Results of the surveys, including the methodology transect width, duration, conditions, and findings, will be incorporated into an MSHCP compliant burrowing owl report. Following one round of review comments, any necessary changes will be incorporated into a final electronic report. Appropriate maps showing burrow locations will be included. If burrowing owls

are present, a relocation program and preconstruction surveys may be necessary; this scope does not include costs for any type of relocation program or preconstruction survey. If needed, a cost proposal will be prepared at that time.

### **Cultural Resources Assessment**

WEBB will partner with Applied Earthworks (Æ) to conduct the archaeological/historical and paleontological resources assessments needed to support not only the CEQA process, but the AB 52 process as well. The portion of the Project along Dillon Road traverses Tribal Lands. If the Project extends beyond the existing right-of-way (ROW), Æ will need to obtain authorization from the Bureau of Indian Affairs (BIA) to conduct surveys on tribal lands. In addition, if the Project involves tribal land, the cultural report will need to comply with Section 106 of the National Historic Preservation Act (NHPA). For the purposes of this proposal, Æ assumes the Project will be within existing road ROW and will not extend into tribal lands.

### **Cultural Resources Tasks**

- Æ will complete a cultural resource literature and records search from the Eastern Information Center (EIC) housed at the University of California, Riverside. This search will encompass a one-mile radius of the Project area. We assume the EIC records search fee will not exceed \$2,000.00. The current turnaround time to have the literature and records search conducted by the EIC is approximately four weeks
- Æ will contact the Native American Heritage Commission (NAHC) for a search of the Sacred Lands Files (SLF). Æ also will contact tribes/individuals identified by the NAHC with local Traditional Use Areas that may have information regarding Native American cultural resources within the project vicinity. Contact will be initiated by a letter and followed once by a single email or telephone call.
- A team of two qualified archaeologists will conduct a day-long intensive pedestrian surface survey of the undeveloped portions of the Project area and a reconnaissance survey of the portions of the Project area within existing roadways. Survey transect spacing will range from 10 to 15 meters (30 FT to 50-FT), and the ground surface of all landforms likely to contain or exhibit intact and significant cultural resources, if any, will be examined. Additionally, the surveyors will investigate any unusual contours, soil changes, distinctive vegetation patterns, features (e.g., road cuts, ditches, and stream cuts), and other potential cultural site markers. CVAG is responsible for landowner permission or access
- For the purposes of this proposal, we assume no subsurface testing and no archaeological resources requiring documentation or evaluation will be encountered during Æ's intensive pedestrian surface survey of the project area. However, Æ is aware of one existing built environment resource, the Coachella Valley Stormwater Channel, within the Project area. Through a combination of fieldwork and desktop research, Æ will characterize this resource, document its boundary in relation to the Project area, complete archival research, evaluate its significance using criteria set forth in the California Register of Historical Resources (CRHR), and develop appropriate mitigation measures if necessary. Fieldwork will involve visual inspection and photo-documentation of the built environment resource within the Project area. For the built environment fieldwork, CVAG is responsible for landowner permission or access to the Project area. For the purposes of this proposal, it is assumed this resource will need to be reported on California Department of Parks and Recreation (DPR) Forms 523 A & B
- Following completion of the field investigation, Æ will prepare a combined archaeology/built environment report of our findings to CEQA standards. This report will describe the Project, cultural setting, investigation methods, survey results, resource evaluations, and management recommendations. The report will also incorporate the results of the records search from the EIC, as well as communication with local Native American tribes, and will offer recommendations for further cultural resource management efforts, if necessary. Æ assumes one round of comments will be addressed following review of the draft technical report by CVAG and no major revisions will be required. If changes are not adequately addressed, subsequent revisions will be made to CVAG's satisfaction. The draft report will be provided for CVAG review and the final report will be submitted electronically as a PDF file. No hard copies will be prepared. The DPR forms will be submitted as an appendix within the report. After the report has been approved by the Agency, Æ will submit a copy of the final report to the EIC

### **Paleontological Resource Tasks**

- According to the Riverside County paleontological sensitivity map, the majority of the Project area is ranked High A (Ha). This category is based on geologic formations or mapped rock units associated with significant paleontological resources, such as fossil fish and trace fossils. A small portion of the Project, along the extreme eastern portion of the Trail, is within an area of Undetermined Potential (U). This category is assigned to areas underlain by sedimentary rocks about which literature and unpublished studies are not available and which, therefore, must be evaluated by field studies and then designated as high or low sensitivity. Æ will request museum records searches from the Natural History Museum of Los Angeles County (NHMLAC) and Western Science Center (WSC) for recorded paleontological resource localities within and in the vicinity of the Project

boundary. For the purposes of this proposal, Æ assumes the total costs for the two records searches will not exceed \$800.00

- To supplement museum collections records search results, Æ also will review published and unpublished geologic maps and literature to characterize the geology and paleontology of the Project area
- Upon receipt of the museum records searches, Æ will complete a pedestrian field reconnaissance survey of the portion of the Project area with Undetermined Potential. The purpose of the field survey will be to visually inspect the ground surface for exposed fossils and to evaluate geologic exposures for their potential to contain preserved fossil material at the subsurface. For the paleontological survey, CVAG is responsible for landowner permission or access to the Project area. We anticipate no fossil discoveries during the field survey (i.e., significant or insignificant) that would require documentation, evaluation, or collection
- Upon completion of the paleontological field survey, Æ will prepare a Paleontological Resources Assessment (PRA) Report. The report will document the desktop and field findings, including a customized update to the paleontological sensitivity ranking, and will provide Project-specific recommendations. The report will include a GIS map depicting areas where mitigation is recommended, such as Worker Environmental Awareness training, prior to construction and construction monitoring. All paleontological work will be conducted according to Society of Vertebrate Paleontology (2010) guidelines and will meet the requirements of CEQA. Æ's draft PRA will be submitted electronically to CVAG for review and the final PRA will be submitted electronically as a PDF file. Æ assumes one round of comments will need to be addressed following review of the draft technical report by CVAG and no major revisions will be required

#### Assumptions and Exclusions

- No additional technical studies, checklist, or additional analyses will be required
- The appropriate CEQA document is assumed to be an IS/MND
- Permitting or Agency fees are not included
- Only electronic copies of environmental documents will be required
- Land owner permission or access will be obtained by CVAG
- Assumes no federal funds, lands, or permits are required
- Assumes one cultural resource and no paleontological resources will require documentation and evaluation (i.e., the Coachella Valley Stormwater Channel)

#### **Task 4.3 - Traffic Impact Study (LOS-based)**

WEBB will coordinate with the Coachella Valley Association of Governments (CVAG) and affected cities such as Indio, La Quinta, and Coachella to finalize the project study area. It is assumed 26 intersections (23 signalized and three all-way stop-controlled) and 25 roadway segments are to be included as a part of this analysis. The list of intersections is provided below.

##### 26 Signalized Intersections

1. Eisenhower Drive / Cale Tampico
2. Eisenhower Drive / Avenue 50
3. Eisenhower Drive / Avenida Fernando
4. Eisenhower Drive / Coachella Drive
5. Washington Street / Eisenhower Drive
6. Washington Street / 48th Avenue
7. Adam Street / Avenue 48
8. Dune Palms Road / Avenue 48
9. Jefferson Street / Avenue 48
10. Shields Road / Avenue 48
11. Madison Street / Avenue 48
12. Hjorth Street / Avenue 48
13. Calle Diamante / Avenue 48
14. Monroe Street / Avenue 48

15. Jackson Street / Avenue 48
16. Calhoun Street / Avenue 48
17. Dillon Road / Avenue 48
18. Dillon Road / Cabazon Road
19. Dillon road / Highway 111 EB Ramps
20. Dillon Road / Highway 111 WB Ramps
21. Dillon Road / Harrison Place
22. Desert Grove Drive / Avenue 49
23. Jefferson Street / Highway 111

Three All-Way Stop-Controlled Intersections

24. Van Buren Street / Avenue 48
25. Madison Street / Avenue 49
26. Hjorth Street / Avenue 49

The study roadways following the Arts and Music Line alignment were segmented by the 26 study intersections. As a result, 25 segments will be studied. An additional 35 segments (a total of 60 segments) will need to be counted in order to develop near-term and long-term intersection turning movements. These 35 segments are side-streets connecting the study intersections.

Additionally, WEBB will complete the following:

- Commission data collection for the 26 study intersections (7:00-9:00 AM and 4:00–6:00 PM including pedestrian and bicycle counts) and 60 roadway segments (24-hr volume). See above for explanation on segment data collection
- Coordinate with the cities of Indio, La Quinta, and Coachella, and Caltrans to obtain signal timing for the 23 signalized intersections
- Conduct a field review to document the existing features of the study corridors. The following features are included as a part of the field observation:
  - Number of travel lanes, posted speed limit, median treatment, presence of on-street parking, and bicycle facilities
  - Intersection geometrics, signal phasing, pedestrian signal
  - Traffic queuing during peak hours
- Analyze and document existing conditions
- Coordinate with CVAG and the project team to determine the appropriate project opening year
- Develop traffic volumes for the project opening year (near-term) scenario. Background traffic volumes for the project opening year conditions will be based on a straight-line growth between the existing data collected and the recent General Plan Update (GPU) travel model forecasts.
- Coordinate with the project team to determine the appropriate intersection treatments such as bicycle signal phase
- Analyze and document project opening year (near-term) traffic conditions without and with the proposed project
- Analyze and document horizon year (long-term) traffic conditions without and with the proposed project. The horizon year traffic volumes will be obtained from the respective GPUs
- Prepare a draft technical report for submittal to the project team and CVAG for review and comment (electronic submittal)
- Analyze and provide recommendations for complete streets on Eisenhower Drive
- Prepare a final technical report incorporating comments and direction (electronic submittal)

**Traffic Impact Study (VMT-based)**

WEBB will complete the following:

Provide qualitative analysis of the transportation impact associated with the Art and Music Line project. Since this is an active transportation project and will not likely generate, induce, or divert vehicular traffic, it is estimated no VMT impacts will be anticipated.

Document the findings in a draft technical memorandum.

Prepare a final technical memorandum incorporating comments and direction.

## **Task 5. Project Theme**

As an Art Director of the CV Link Art & Music Line Christopher Cichocki will create a destination point of experience that appeals to all generations. Through collaboration with CVAG, City of Indio, City of La Quinta, City of Coachella, and other stakeholders, Christopher will generate artistic designs and musical concepts that embody a “contemporary desert” aesthetic that looks to the future with sustainable respect to the past. In addition, WEBB and Christopher will work with executives from the Coachella Arts & Music Festival (Golden Voice) to integrate ideas that bridge the relationship between the festival and the Art & Music Line. When completed, the Arts & Music Line will offer the Coachella Valley residents and international visitors a passageway and recreational environment that is inviting, safe, and inspiring to experience throughout the day and night.

### **Scope of Services**

- Collaborate in the development of a cohesive aesthetic within the designated artistic elements of the CV Link Arts & Music Line
- Generate and present concepts, sketches, and renders of artworks or any artistic applications
- Work in direct collaboration within all art or design-related elements such as bike path, waveform sculpture, art & music barrier, painted crosswalk, column lights, art wall, underpass light sculpture, street furniture, and road design detail
- Assist in the research and development of sustainable strategies for all art material applications
- Provide documentation of artwork for promotional use
- Propose artistic concepts, sketches, budgets & renders of original artworks

### **Task 5.1. Art and Music Barrier**

The project has proposed an iconic barrier that provides a clear delineation of traffic lanes at the intersection while also creating artistic opportunities. The barrier can be lighted from within or externally. It can also act as the canvas for projections and the source for the recorded sound installations programmed by local schools through their engineering and art curriculum. The barrier could be constructed out of precast concrete or 3D-printed form with colored inside and solar LED strip light for iconic night effect. The barrier will be designed to provide safety to the bike path while it doesn't create safety issues for vehicles.

WEBB, in collaboration with the art director and Golden Voice, will develop up to four (4) scale models for the barrier. WEBB will work with the 3-D printing company, Golden Voice, electrical engineer, and the art director to create an actual scale model. WEBB will prepare details, plans, specifications, and cost estimates for the art and music barrier.

### **Task 5.2. Waveform Sculpture**

The waveform sculpture will serve functional and aesthetic purposes. It will increase safety through a vertical separation between car and cyclists. It will also act as a wind-powered south sculpture and interactive light display. At night the lighted tubes illuminate in sequence in response to the cyclist movement along the connector.

WEBB, in collaboration with the art director and Golden Voice, will develop up to four (4) scale models for the Waveform Sculpture. WEBB will work with the 3-D printing company, Golden Voice, electrical engineer, and the art director to create an actual scale model. WEBB will prepare details, plans, specifications, and cost estimates for the Waveform Sculpture.

### **Task 5.3. Barrier Curb**

A barrier curb, providing separation between bikes and vehicular traffic, can be installed with and without the waveform sculpture depending on the specific conditions of each location along the connector. The curb can also be illuminated at ground level and also houses the light and electronics for the waveform sculpture.

WEBB will review the barrier curb proposed in Palm Desert for the CV Link and provide modification needed to accommodate Waveform Sculpture, lights, and electronics. WEBB will develop up to two scale models for the barrier curb.

WEBB will work with the 3-D printing company to create an actual scale model. WEBB will prepare plans, specifications, and cost estimates for the barrier curb.

#### **Task 5.4. Painted two-way**

Bike Path, Column Lights, Art, Wall, and Underpass Light Sculpture

Whimsical pavement painting readily identifies the Art & Music path and provides a fun and unifying design elements. Local schools and communities have the opportunity to claim sort stretches of the part to paint with their own designs. WEBB, Art Director, and Golden Voice will work with local schools and local art groups or foundations to create painted two-way bike path design. The approved painted two-way bike path design will be incorporated into project plans, specifications, and cost estimate.

The large column lights sculpture elements serve to illuminate the path at night and will also perform motion-activated light and sound displays. WEBB, Art Director, and Golden Voice will work with local schools and local art groups or foundations to create column light engineering and art. WEBB will prepare plans, specifications, and cost estimates for the large column light sculpture.

The sloping walls common in the underpass and along washes in the Valley provide the backdrop for additional art installations. The blank canvas could be painted by school children as a mural that is updated every year. The canvas could also be used as a medium for programmable video projections. WEBB and the Art Director will identify the sloping wall to be used for the blank canvas. WEBB will prepare plans, specifications, and cost estimates for art walls.

In order to make the underpass more welcoming to trail users, a sculptural light installation illuminates the path. This will be a unique opportunity to collaborate with a local artist on the prominent piece of public art. The Art Director will create sketches and renderings (up to four) for the prominent piece of public art.

### **Task 6. Geotechnical Investigation**

The proposed improvements include the construction of a trail along various roadways and storm channels within Coachella Valley. The trail along the wash beneath Jefferson Street and Highway 111 will cross the wash from the southeast to the northwest side. The crossing location is unknown at this time, but it is anticipated to include retaining walls within the channel slope protection and a trail within the wash, or a bridge across the wash to connect the trails.

Detailed plans of the proposed construction are not available at this time. We understand design of the improvements will follow Caltrans guidelines, and a Preliminary Foundation Report is needed during initial design of the structures followed by a Foundation Report once more details are available.

We understand field exploration will require drilling within the right-of-way of the Coachella Valley Water District (CVWD).

Our services are anticipated to include drilling of geotechnical borings, laboratory testing, and providing a geotechnical report with geotechnical recommendations for design and construction of the walls.

### **Task 7. Drainage Report**

WEBB will provide a drainage report for the La Quinta Evacuation Channel and Dillon Road. WEBB will coordinate with CVWD, City of Indio, and the City of Coachella for review and approval.

### **Task 8. Water Quality Management Plan**

WEBB will evaluate Project site-specific conditions and constraints, examining the feasibility of implementing the Low Impact Design BMPs and its associated cost, and provide our recommendations to the Agency.

### **Task 9. Preliminary Design**

#### **Task 9.1 Preliminary Signing and Striping Plans**

WEBB will review, compare the proposed Art and Music Line design with the Cities General plans, Standard Plans, AASHTO Standards, NACTO Design Guidelines, Caltrans Highway Design Manual, and Caltrans MUTCD. WEBB will survey all existing pavement delineation, markers, and signing over the project limits. WEBB will prepare the design and layout of the proposed striping plan.

WEBB will develop conceptual striping layout plan (up to two options) for the alignments identified in Project Understanding. The conceptual layout will consist of a color exhibit (24-inches x 36-inches) of the project area including the protected bikeway, enhanced pedestrian crossings, and connections to existing bike facilities. These improvements



will be presented to the agencies for review and comment. This scope assumes comments will be addressed as part of the Final Design.

### ***Task 9.2 Preliminary Traffic Signal Plans***

WEBB will prepare preliminary traffic signal improvement plans. WEBB will prepare a traffic signal plan per the City of Indio, City of La Quinta, City of Coachella, California MUTCD, and Caltrans Standards. The plan will include the location of traffic signal poles. The preliminary plans will show as a minimum with construction notes, curb gutter, sidewalk, driveways, approaches, centerline profile, curb profile, existing utilities, storm drain, catch basins, traffic signal, striping, and all existing feature/improvements.

In coordination with the Traffic Study, WEBB will develop up to two conceptual operations alternatives for the signalized intersections. These may include bike signals, leading bike/pedestrian intervals, right turn on red restrictions, and other innovative techniques to enhance safety. WEBB will also develop conceptual alternatives for bike detection and bike detection indicators.

### ***Task 9.3 Preliminary Street Improvement Plans***

The project is proposing curb and barrier along the entire route. WEBB will prepare preliminary street improvement plans for installation of the curb and barrier.

WEBB will create color-coded designs so Agencies can clearly see what elements will be removed, added, and adjusted in the project area. Existing structures that could be affected by the new construction such as surface improvements, entrances, driveway approaches, edge of pavement, sewer manhole, water valve and gas valve lids, electrical vaults, air vac, cross gutters, pedestrian ramps, and curb returns will be shown in a halftone or dashed background format to distinguish them from new improvements proposed for the project.

New street improvements (pavement, curbs, gutters, sidewalks, ADA ramps, driveways, barriers.), contractor performed facility or structure adjustments (water valves, gas valves, sewer manholes, telephone manholes, electrical manholes, etc.), relocations, reconstructions, and modifications shall be shown in full tone or highlighted with appropriate construction note, detail reference, or standard plan reference identified.

### ***Task 9.4 Intersection Improvements***

Most collisions involving people biking occur at intersections. Designing a bikeway that is separated from vehicles mid-block but includes conflict zones at intersection approaches can defeat the entire purpose of implementing a Class 1 facility. This can be especially challenging where right-turning vehicles are allowed to make conflicting movements across the bikeway crossing. The design will consider intersection improvements that will create an environment that is safer and more comfortable for people biking. Actual and perceived safety at intersections will enhance the experience for people biking and lead to a greater sense of comfort.

WEBB will develop conceptual designs for innovative treatments at up to 15 signalized intersections. Treatments may include protected intersections, protected corners, bend out, and other innovative treatments to enhance safety and comfort. These improvements will be presented to the Agency for review and comment. This scope assumes comments will be addressed as part of the final design.

### ***Task 9.5 Connection Path on La Quinta Evacuation Channel (Class I)***

WEBB will design the two-way community connector between Avenue 48 and Coachella Valley Storm channel where the CV Link is proposed. The distance between Avenue 48 and Coachella Valley Storm Channel is little over one mile. The two-way community connector will be located on the west side of the La Quinta Evacuation Channel up to the Jefferson Bridge, it will go down the Channel, and it will come up on the east side after the Highway 111 bridge.

### ***Task 9.6 Dillon Road Pathway (Class I)***

WEBB will design the community connector from Avenue 48 to the west edge of the Coachella Valley Storm Channel and from the east edge of the Coachella Valley Storm Channel to the Spotlight 29 Casino located on Harrison Place. The Dillon Road Pathway goes through Caltrans' right-of-way at the Highway 86/Dillon Road Interchange. WEBB will coordinate with the City of Coachella for the Dillon Road interchange improvements. WEBB will prepare roadway widening plans, traffic signal improvement plans, signing & striping plans, traffic control plans, and Design Standard Decision Documents. WEBB will prepare and process the Caltrans Encroachment Permit for improvement within the Caltrans right-of-way.

The proposed alignment from Avenue 48 to the Dillon Road/Cabazon Road intersection follows Dillon Road which has an over-crossing over Indio Boulevard. The over-crossing is not wide enough to accommodate bike lanes and sidewalks. WEBB will prepare the preliminary layout. The design and construction will be part of the over-crossing project.

The project is proposing a 14-FT wide two-way community connector on Dillon Road. The existing bridge over Whitewater Channel is a two-lane bridge and not wide enough to accommodate the 14 FT wide two-way community connector. WEBB will prepare the preliminary layout. The design and construction will be part of the bridge improvement project.

### **Task 9.7 Coachella Connector (Class I)**

The Coachella Connector is proposed along Van Buren Street from Avenue 48 to Rancho Las Flores Park and along the north side of Rancho Las Flores Park to Ed Mitchell Drive. WEBB will design the Coachella two-way community connector from Avenue 48 to Ed Mitchell Drive.

### **Task 9.8 Street Light/Electrical Design**

#### **Feature Locations 1, 2, 3, 7 -**

1. These locations shall have minimal thematic lighting elements and controls and shall be condensed to smaller footprints.
2. Provide lighting design services for determining the type of lighting and controls for key areas in this area. The intent at this time shall be to provide themed lighting and music at intersections only. The design intent is for Lighted Arts & Music Barriers, Lighted Curbs, and Lighted Waveform Sculpture (bollards) with color-changing ability, which shall be sequence controlled when triggered by motion of bicyclists. Lighting through projection shall also be discussed for implementation. Much of the lighting product may have to be custom made to withstand traffic collision. Design themes shall be coordinated with the artist and design team.
3. Provide product options to client until an acceptable selection is determined. Provide preliminary cost estimate for product only.
4. Provide electrical engineering for the installation of the selected lighting product and controls. Designs shall include all wiring, conduit and circuit designs, voltage drop diagrams, lighting controls and schematics for DMX controls, specifications, schedules of lighting product, installation details, panel schedules and 1-line diagrams for meter panels and control cabinets, and construction notes. Lighting controllers shall be housed inside of an environmentally controlled enclosure, either inside of a building, or environmentally controlled exterior cabinet due to heat of the desert.
5. Coordination with utility consultant for the installation of meter pedestal as required.
6. Coordinate with artist and civil and landscape architects for conflict resolution.

#### **Feature Locations 4, 6, 8 -**

1. These locations shall have more thematic lighting elements and controls than Task 1 above.
2. Provide lighting design services for determining the type of lighting and controls for key areas along this area. Preliminary discussions determined minimal lighting shall be required for this area. The intent at this time shall be to provide themed lighting and music along more than just the intersections, but not the entire block. These areas shall be designed further during design development. The design intent is for Lighted Arts & Music Barriers, Lighted Curbs, and Lighted Waveform Sculpture (bollards) with color changing ability, which shall be sequence controlled when triggered by motion of bicyclists. Lighting through projection shall also be discussed for implementation. Much of the lighting product may have to be custom made to withstand traffic collision. Design themes shall be coordinated with the artist and design team.
3. Provide product options to the client until an acceptable selection is determined. Provide preliminary cost estimate for product only.
4. Provide electrical engineering for the installation of the selected lighting product and controls. Designs shall include all wiring, conduit and circuit designs, voltage drop diagrams, lighting controls and schematics for DMX controls, specifications, schedules of lighting product, installation details, panel schedules and 1-line diagrams for meter panels and control cabinets, and construction notes. Lighting controllers shall be housed inside of an environmentally controlled enclosure, either inside of a building or environmentally controlled exterior cabinet due to heat of the desert.
5. Coordination with the utility consultant for the installation of a meter pedestal as required. Application for utility service shall be by others.
6. Coordinate with artist and civil and landscape architects for conflict resolution.

### Feature Location 5

1. This location shall have the most thematic lighting elements compared to Tasks 1 and 2.
2. Provide lighting design services for determining the type of lighting and controls for key areas along this area. Preliminary discussions determined minimal lighting shall be required for this area. The intent at this time shall be to provide themed lighting and music along the entire block leading up to the Polo Grounds, but not into the grounds itself. This area shall be designed further during design development. The design intent is for Lighted Arts & Music Barriers, Lighted Curbs, and Lighted Waveform Sculpture (bollards) with color changing ability, which shall be sequence controlled when triggered by motion of bicyclists. Lighting through projection shall also be discussed for implementation. Much of the lighting product may have to be custom made to withstand traffic collision. Design themes shall be coordinated with the artist and design team.
3. Provide product options to the client until an acceptable selection is determined. Provide preliminary cost estimate for product only.
4. Provide electrical engineering for the installation of the selected lighting product and controls. Designs shall include all wiring, conduit and circuit designs, voltage drop diagrams, lighting controls and schematics for DMX controls, specifications, schedules of lighting product, installation details, panel schedules and 1-line diagrams for meter panels and control cabinets, and construction notes. Lighting controllers shall be housed inside of an environmentally controlled enclosure, either inside of a building, or environmentally controlled exterior cabinet due to heat of the desert.
5. Coordination with the utility consultant for the installation of a meter pedestal as required. Application for utility service shall be by others.
6. Coordinate with artist and civil and landscape architects for conflict resolution.

### Task 9.9 Structural Design

WEBB will design retaining walls in the La Quinta evacuation channel.

## Task 10. Multi-modal Transit

### Multi-modal Transit

- Site visits/field work (days and nights). Deliverable - Assessment of lighting, accessibility, shade feature, etc. to accommodate active transportation modes
- Review SunLine's short and long term transit plans, ATP strategies, first/last mile strategies, Transit Design Standards, ADA issues, and other needs they may have. This is a sensitive step often missed and results in costly revisions and delays. Provide a brief technical memo summarizing SunLine's active transportation mobility needs related to these two projects
- Review RCTC's short and long term transit plans, ATP strategies, first/last mile strategies, unmet needs/ADA issues and other needs they may have. Coordination and communication with RCTC's transit and planning and programming group is essential. Provide a brief technical memo summarizing RCTC's active transportation mobility needs and information that is essential for them to process ATP grant applications
- Based on the initial findings, provide team initial design input and recommendations from a transit/multi-modal design perspective (recommend a team discussion)
- Review preliminary plans (<30%) and provide input from an end-user/transit/multimodal perspective to WEBB's project team. This critical step ensures costly and time-consuming revisions at the end
- Coordinate ongoing project development efforts with RCTC and SunLine staff members that serve on grant evaluation teams to ensure and enable the successful implementation of the projects. This step will open the door to Federal Transit Administration (FTA) funds to address unmet needs/ADA issues, pedestrian safety improvements, first/last mile strategies that are all key components of the ATP equation
- Review and comment on the plans to ensure a sufficient response to the stakeholder and end-user comments

## Task 11. Preliminary Cost Estimate

### Preliminary Cost Estimate

WEBB will prepare a preliminary cost estimate for the proposed project.

## B. Final Plans, Specifications, and Cost Estimate

### Task 12. Final Design

WEBB will prepare 65%, 95%, and final PS&E documents for the following.

- Task 12.1 - Signing and Striping Plans
- Task 12.2 - Traffic Signal Plans
- Task 12.3 - Street Improvement Plans
- Task 12.4 - Intersection Improvements
- Task 12.5 - Connection Path on La Quinta Evacuation Channel (Two-Way Connector)
- Task 12.6 - Dillon Road Pathway (Two-Way Connector)
- Task 12.7 - Coachella Connector (Two-Way Connector)
- Task 12.8 - Street Light/Electrical Design
- Task 12.9 - Structural Design

### **Task 13. Specifications, Final Estimate of Quantities and Cost**

WEBB will prepare project specifications. WEBB will provide a construction quantity and cost estimate with each submittal of plans. The unit costs shall be based upon the most current cost information for recent similar projects in the area compiled by WEBB and approved by the Agency.

### **Task 14. Utility Potholing**

Our sub-consultant, Underground Solutions, Inc., will pothole underground utilities to determine the depth for clearance or conflicts for any underground improvements such as gas lines, telephone lines, electrical lines, sewer lines, water lines, storm drain lines, etc. WEBB will submit each utility company set of plans that provide the location, elevation of the utility, and the elevation of the improvement with the conflict area clouded to show utility companies the areas of conflict with the proposed improvements. The potholing information and plan will be submitted to the Agency after completion of the task.

WEBB has assumed 20 potholes for this project.

### **Task 15. Legal and Plats**

We have assumed no right-of-way or easement is required for the project.

## **C. Project Management, Public Outreach, Agency Coordination, and Grant Assistance**

### **Task 16. Project Management**

WEBB will schedule and attend meetings in the planning phase as follows:

- Project Development Team (PDT) meetings – monthly and on a as-needed basis
- Environmental meetings
- Agencies (the City of Indio, City of La Quinta, City of Coachella Valley, CVWD, CVAG, RCTC, Sunline, Caltrans, and resource agencies] meetings
- Agency and City Council Meetings
- Other meetings as necessary such as, but not limited to agencies, HOAs, business, property owners, field reviews, utilities, and meeting with individuals

WEBB will schedule, chair, and prepare meeting agendas and minutes for all meetings. The agendas will be submitted to the Agency for review two working days before the meeting. The minutes will be distributed to all attendees, everyone who was invited, and the Agency's Project Manager within five working days after the meeting. The minutes shall include, but not be limited to a list of attendees with phone numbers and email, synopsis of discussion items, any pertinent information, action items, and follow-up to action items.

WEBB will prepare the project schedule for the three phases utilizing Microsoft Project. WEBB will provide the schedule in both digital and hard copy. An updated schedule is to be handed out during PDT Meetings.

The project schedule will be divided into tasks and subtasks in full detail including, but not limited to Agency function timeline, critical path, and outside sources such as agencies or utilities. Some of the tasks shall be, but not be limited to planning, environmental, right-of-way, design, relevant Agency meetings, CVWD Review, utility relocation, advertising, and construction. The schedule will indicate anticipated durations for all tasks.

## **Task 17. Public Outreach**

### **Public Workshops**

WEBB will participate in up to four public outreach meeting/events. The goal of these meetings is to identify the community values, priorities, and concerns throughout the project corridors. We propose to have these meetings as open house public workshops. These workshops would include a number of boards placed throughout the venue with project team staff available at each board or set of boards to discuss the project with the residents and stakeholders. WEBB will work closely with CVAG to develop these boards.

WEBB will provide poster size boards for use at these public meetings. These boards may include a project location map for orientation purposes, examples of complete streets improvements that have been implemented in the Coachella Valley or other jurisdictions, and large aerial maps showing the existing conditions. Post-it notes will be provided at each board to allow attendees to identify their specific priorities and concerns. A map of the boards will be developed to guide participants through the open house. Comment cards will also be provided to solicit general feedback about the proposed project. Up to two WEBB staff members will attend each public input meeting.

All meeting notifications and materials will be provided in both English and Spanish. On site translation services will be available and we are prepared to either host the meeting in two languages or have the meeting presented in English and translated to Spanish (or vice versa) via wireless headsets. WEBB will record audio of the meeting and provide meeting minutes and record any questions or responses that the community may have.

## **Task 18. Agency Coordination**

WEBB will provide coordination with CVAG, City of Indio, City of La Quinta, City of Coachella, RCTC, Sunline, and Caltrans to ensure street section, lanes, bike lanes, barrier, traffic signal, and signing & striping improvements are consistent and accepted by them.

WEBB will set up a meeting with all agencies involved during the planning and design phase to ensure consistency and avoid any issues later on. In case we don't agree with either of the Agency's comments, WEBB will set up a meeting to resolve the issues.

WEBB will provide coordination with Agency stakeholders involved in the project. In most cases and in coordination with the client, WEBB will take the lead on all meeting arrangements, taking and providing minutes, and providing follow-up action items on project issues. These meetings will be either phone conference calls or meetings at the Agencies' or stakeholders' offices. WEBB is expected to either advise or provide consultation at each meeting.

WEBB will:

- Attend meetings with City Staff (up to eight)
- Prepare an agenda, sign-in sheet, graphics, and a follow-up summary for each meeting
- Document decisions made and action items
- Track action item resolutions

## **Task 19. ATP Grant Application Assistance**

WEBB will assist CVAG the next ATP grant application assistance. CVAG will prepare an application. WEBB will assist CVAG with writeups, exhibits, and cost estimates.

## **D. Regional Active Transportation Standards**

As an expansion of the 2019 Bike and Pedestrian Safety Program, Coachella Valley Association of Governments (CVAG) is requesting WEBB to create regional standards that would provide consistency for active transportation improvements, particularly as it relates to bike lane design, appropriate signage, on-street markings, and barriers. To create regional consistency, WEBB will identify and establish methods being deployed across the region.

The plan shall contain the following tasks:

## **Task 20. Conducting an Inventory of Active Transportation Standards and Practices used by CVAG Member Jurisdictions**

WEBB will provide outreach to CVAG member jurisdiction for the active transportation standards, stand-alone active transportation projects, and transportation projects with active transportation improvements.

### **Task 21. Develop Regional Standards**

Based on best practices regionally and nationally, WEBB will develop regional standards for active transportation projects, particularly those that are Class II or Class III. This plan will cover all aspects of the bicyclist and pedestrian experience and have a heavy focus on safety and connectivity. Aspects could include but are not limited to barriers, bike lanes, signage, and uniform sizes and color-coded markings. Additionally, the plan should detail standardized approaches for CV Link Community Connectors across the Coachella Valley, with some unique characteristics, such as color, for each connector.

### **Task 22. Suggest Ways CVAG can Standardize Methodologies from Each Respective City**

As part of the review, WEBB will identify opportunities for CVAG to encourage and implement regional active transportation standards. This could include designs into reimbursement agreements and/or future regional transportation planning efforts.

### **Task 23. Outreach Efforts**

As part of this work, WEBB will consider the outreach necessary to complete the task. That could include meetings with staff from CVAG and member jurisdictions. It will also include at least two presentations to the CVAG Transportation Committee and one meeting of the CVAG Executive Committee.

## **E. Contingency**

### **Task 24. Contingency**

WEBB will provide following and other out of scope services on an as-needed basis.

- Title Reports
- Appraisals
- Acquisition
- Escrow Coordination