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Central Delta Corridor Strategic Plan Development
DRAFT SFEI Scope of Work, 1/11/18

1. BACKGROUND/PURPOSE

The public land owners, and owners of publically funded lands along the Central Delta corridor (Figure 1), intend to develop an initial coordinated corridor strategy for management and restoration of these lands through a series of meetings and workshops, including a 1.5 day charrette style workshop. This contract is for SFEI to provide scientific and technical support for this effort. A separate contract (Exhibit A, see attached) with the Delta Conservancy provides funds for a contractor to organize and facilitate the meetings and workshops, and to prepare the culminating draft strategy/report.

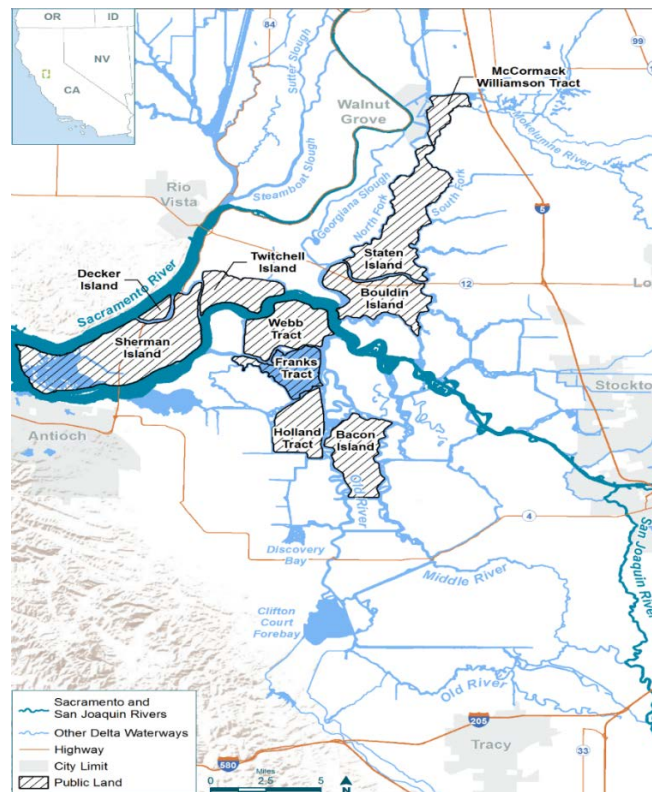


Figure 1. Location of publicly owned/financed land along the Central Delta Corridor.

The Nature Conservancy (TNC), The Metropolitan Water District of Southern California (MWD), the California Department of Water Resources (DWR), the California Department of Parks and Recreation (DPR), the California Waterfowl Association (CWA), the Bureau of Land Management (BLM), the US Fish and Wildlife Service (USFWS), and the California Department of Fish and Wildlife (CDFW) own and manage approximately 50,000 acres of land in the Delta. These entities share many common regional objectives including flood management, agriculture sustainability, and conservation of aquatic, avian and

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terrestrial resources. In recognition of their capital Delta investments, the historical legacy of the Delta, and the State's policies to rehabilitate the Delta ecosystem, these entities are seeking to coordinate and assist in collaborative efforts with each other and with interested parties to implement actions that will achieve common goals and objectives. Based on preliminary discussions of concepts, these entities believe that creation and enhancement of wildlife habitat could go hand-in-hand with levee improvements and maintenance, and sustainable agriculture to provide benefits not only to target species, but also for flood protection, water quality and local economic and social vitality. Specifically, this would be achieved by using public lands to develop an ecologically significant habitat corridor linking the northeast Delta with the central and western Delta while providing for Delta sustainability by addressing agriculture, subsidence, flood management, climate change, habitat loss, long-term land management and water quality. These entities believe this to be in alignment with Delta community interests.

It is expected that this effort will be informed by previous work in the corridor and surrounding area, including the San Francisco Estuary Institute's Aquatic Science Center (SFEI) Delta Renewed project, North Delta Improvements planning, Joint Venture planning, the Conservation Opportunity Region description included in the Delta Conservation Framework and any other efforts deemed to be relevant and helpful. Further, it is expected that the resulting strategy will be a living document that should be reviewed and revised at regular intervals based on learning from actions taken within an adaptive management framework.

SFEI is expected to work closely with Delta Conservancy, Delta Stewardship Council, landowner partners, and other project contractors in a collaborative team effort to meet the following objectives of this project:

- 2.1 Objective #1. Conduct a 1.5 day Charrette Style Workshop with landowners, subject matter experts and interested parties to vet opportunities in the context of providing for Delta sustainability including long-term expectations, operation sustainability and ecological potentials.
- 2.2 Objective #2. Draft a Coordinated Corridor Strategy that will identify near-term priority concepts that can be funded by Prop. 1 and other funding sources.
- 2.3 Objective #3. The Strategy should build on and/or account for existing land use management and conservation practices and past Delta flood management and habitat enhancement investments.
- 2.4 Objective #4. The Strategy should explicitly define and address the spatial and temporal scale of the effort.

2. TASKS

Subtask 1. Meetings & workshops participation

SFEI staff will participate in meetings outlined in the Delta Conservancy's Exhibit A (see attached, Tasks 1-5), including up to three preparation meetings, one initial public input workshop, a 1.5 day charrette style workshop, three half day strategy development meetings, and one follow up public input workshop.

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The estimated cost below covers time for 1-2 SFEI scientists to attend all meetings, workshops, and the charrette in person, plus time for an additional 1-2 scientists to attend the charrette.

Estimated cost: \$18,300

Deliverable: N/A

Subtask 2. Modify existing Central Delta Corridor landscape-scale restoration vision based on core group feedback

To support deliberations during the charrette, SFEI will provide a high-level and long-term vision for landscape-scale restoration along the Central Delta Corridor, based on the science in the Delta Renewed report and other relevant plans/visions. This vision has been largely developed through other funding sources, so only minimal resources will be needed to adapt the relevant materials for this particular purpose (extracting relevant portions of the larger vision, creating graphics that are specific to the Central Delta Corridor, etc.). The majority of resources under this subtask will be for SFEI to prepare a presentation describing the vision and its scientific rationale for the charrette and to modify the vision and presentation based on initial feedback received from the core group during preparation meetings (e.g., incorporating elements from local plans that are not already included in the vision). The presentation will include information on expected future conditions that are likely to influence landscape planning decisions (e.g. information on subsidence rates, sea level rise, seismic risk). For this task SFEI will draw from extensive existing resources, but will not be able to conduct new analyses.

Estimated cost: \$5,700

Deliverables: Modified landscape vision for Central Delta Corridor (graphic and supporting materials) based on feedback from preparation meetings. An electronic copy of the presentation delivered at charrette workshop.

Subtask 3. Prepare geospatial resources and technical support for charrette

During the charrette, SFEI will provide live technical support, helping to display, toggle, explore, and analyze geospatial data layers for the Central Delta Corridor. To prepare for this exercise, SFEI will compile and prepare key datasets (e.g. elevation, habitat suitability, historical and contemporary land cover, landscape metrics). Most of the necessary layers and tools for this exercise have already been assembled through other efforts (primarily the Cache Slough Restoration Planning Project [MapTerra](#) platform). These pre-existing materials can therefore be utilized during the charrette without additional costs. Funds are needed to prepare any additional layers or data views deemed useful for the charrette by the group during preparatory meetings, particularly data specific to the Central Delta Corridor. Funds are also needed to prepare custom combinations of key layers designed to answer specific questions relevant to this planning process. These questions and associated layer combinations will be identified with input from the group before and during the preparatory meetings. As with Subtask 2, SFEI will draw from extensive existing resources, but will not be able to conduct major new analyses for this subtask.

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Estimated cost: \$4,400

Deliverables: Simple technical memorandum listing new geospatial resources compiled for this effort. PDFs of targeted data views prepared for charrette.

Subtask 4. Refinement of Central Delta Corridor landscape-scale restoration vision based on workshops for inclusion in Draft Strategy Report

SFEI will modify initial long-term vision based on the mutually agreeable opportunities, near-term strategies, and early priority projects identified through the charrette, public workshops, and strategy development meetings. The refined graphics and supporting materials developed under this subtask can then be utilized in the Draft Strategy Report (Task 7). This funding would also allow for a short (approximately 1-2 page) description of the vision to accompany the graphics and supporting materials. By incorporating Corridor-specific Strategic Plan elements into the larger initial landscapes-scale vision, we can also help to coordinate between related Delta efforts (e.g., making sure the latest thinking around the Central Delta Corridor is reflected in the Landscape Scenario Planning Tool, Delta Floodplains Project, and McCormack-Williamson Tract landscape vision and adaptive management plan).

Estimated cost: \$4,800

Deliverables: Updated landscape vision for Central Delta Corridor (graphic and supporting materials) incorporating list of mutually agreeable opportunities, near-term strategies, and early priority projects identified through charrette workshop and strategy development meetings. Brief (1-2 page) write-up to accompany updated vision for inclusion in Draft Strategy Report.

Subtask 5. Project management

SFEI will carry out internal project coordination, including personnel, contract, and budget management. SFEI will coordinate efforts with project partners and prepare invoices and progress reports for submission to contract managers.

Timeline: Task ongoing throughout term agreement.

Estimated cost: \$1,700

Deliverables: Project invoices and progress reports (as required in contracts).

TOTAL ESTIMATED COST: \$34,900

3. SCHEDULE

The work will be performed in accordance with the following schedule, which is dictated by the schedule of the Delta Conservancy's contract with a yet to be determined contractor (see Exhibit A, attached):

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Task	Time frame (time after execution of Delta Conservancy Exhibit A)
Subtask 1	
Participate in up to 3 Preparation Meetings	12 weeks
Participate in Initial Public Input Workshop	8 weeks
Participate in 1.5 Day Charrette Style Workshop	20 weeks
Participate in up to 3 Strategy Development Meetings	30 weeks
Participate in Follow Up Public Input Workshop	31 weeks
Subtask 2	
Present draft version of landscape vision and presentation during Preparation Meeting	12 weeks
Present modified vision and presentation during 1.5 Day Charrette Style Workshop	20 weeks
Deliver to contract manager the modified vision and presentation presented at 1.5 Day Charrette Style Workshop	22 weeks
Subtask 3	
Prepare geospatial resources and targeted data views for use during charrette	20 weeks
Deliver to contract manager the simple technical memorandum listing new geospatial resources compiled for this effort and PDFs of targeted data views prepared for charrette	26 weeks
Subtask 4	
Deliver to contract manager the updated landscape vision for Central Delta Corridor incorporating list of mutually agreeable opportunities, near-term strategies, and early priority projects identified through charrette workshop and strategy development meetings, with accompanying write-up for inclusion in Draft Strategy Report	35 weeks