

SUPPLEMENTAL BENEFITS FUND



SUPPLEMENTAL BENEFITS FUND STEERING COMMITTEE Special Meeting

Oroville City Hall – Council Chambers
1735 Montgomery Street
Oroville, California

JULY 30, 2015
1:30 P.M.
AGENDA

*This meeting may be broadcast remotely via audio and/or video conference at the following addresses:
Cota Cole, LLP, 2261 Lava Ridge Ct, Roseville, CA 95661 916) 780-9009*

CALL TO ORDER: David Pittman, SBF Chairperson

PLEDGE OF ALLEGIANCE

ROLL CALL

Voting Members: Chairperson David Pittman, City of Oroville; Vice Chairperson Victoria Coots, FRRPD; Committee Members Don Noble, FRRPD; Linda Dahlmeier, City of Oroville; Thil Chan Wilcox, City of Oroville

Advisory Members (non-voting):

Committee Members DWR – Kevin Dossey, SWC – Tim Haines, American Rivers – Steve Rothert, Chamber of Commerce – Kevin Zeitler, American Rivers Alternate – Dave Steindorf

RECOGNITION OF INDIVIDUALS WHO WISH TO SPEAK ON AGENDA ITEMS

This is the time the SBF Chairperson will invite anyone in the audience wishing to address the SBF on a

matter that is on the agenda to state their name and the agenda item on which you wish to speak. When that item comes up on the agenda, you will be asked to step to the podium, repeat your name for the record, and make your presentation or ask questions regarding the agenda item. Following your remarks, the SBF Steering Committee and/or staff may respond to your comments or questions. Under Government Code section 59454.3 the time allotted for presentations may be limited. Presentations are limited to three minutes per person.

REGULAR BUSINESS

1. **THE COMMITTEE MAY CONSIDER APPROVING A PROPOSAL FROM ENVIRONMENTAL SCIENCE ASSOCIATES (ESA) RELATED TO THE FEATHER RIVER CONSOLIDATED MASTER PLAN THAT HAS BEEN RECOMMENDED BY THE SBF AD HOC MAPPING COMMITTEE – staff report**

COMMITTEE ACTION REQUESTED: **Receive the recommendation (and)**

- a. **Approve the recommendation (or)**
- b. **Deny the recommendation (or)**
- c. **provide direction to staff**

HEARING OF INDIVIDUALS ON NON-AGENDA ITEMS

This is the time the SBF Chairperson will invite anyone in the audience wishing to address the SBF on a matter not listed on the agenda to step to the podium, state your name for the record and make your presentation. **Presentations are limited to three minutes.** Under Government Code section 54954.2, **the SBF Steering Committee is prohibited from taking action except for a brief response by the SBF Steering Committee or staff to a statement or question relating to a non-agenda item.**

SBF CHAIRPERSON CALL FOR AGENDA ITEMS

The SBF Chairperson may request agenda items from the Steering Committee, SBF Advisors, and SBF staff for the October 7, 2015 Regular Quarterly Meeting of the SBF Steering Committee.

ADJOURNMENT

The meeting will be adjourned. The next regular quarterly meeting of the Supplemental Benefits Fund Steering Committee will be held on Wednesday, October 7, 2015 starting at 5:30 P.M. in the Oroville City Council Chambers.

**SUPPLEMENTAL BENEFITS FUND STEERING COMMITTEE
STAFF REPORT**

TO: SBF CHAIRPERSON & COMMITTEE MEMBERS

**FROM: DONALD RUST, INTERIM SBF ADMINISTRATOR
BOB MARCINIAK, SBF PROGRAM SPECIALIST**

**RE: CONSULTANT SELECTION FEATHER RIVER CONSOLIDATED
MASTER PLAN**

DATE: JULY 30, 2015

SUMMARY

The Committee may consider approving the selection of Environmental Science Associates (ESA), in an amount not to exceed \$68,950.00, to prepare the Feather River Consolidated Master Plan

DISCUSSION

The SBF Steering Committee for the past several years has recognized and discussed the need for a Feather River Consolidated Master Plan. An ad Hoc Committee was established and has worked on the project with a Request for Proposal (RFP) being issued on May 28, 2015. Responses were received from ESA and Placeworks. The ad Hoc Committee met on July 23, 2015 and discussed each of the responses in depth and has recommended that ESA be selected based on their enhanced knowledge of the SBF, FERC and issues related to the Feather River.

FISCAL IMPACT

Reduces unallocated funds to \$37,712.10.

RECOMMENDATION

SBF Steering Committee authorize the agreement with ESA for preparation of a Feather River Master Plan in an amount not to exceed \$68,950.00

ATTACHMENTS

Feather River Consolidated Master Plan RFP responses:

- Environmental Science Associates (ESA)
- Placeworks

Proposal

OROVILLE FEATHER RIVER CONSOLIDATED MASTER PLAN

Prepared for
City of Oroville

JUNE 30 2015



Proposal

OROVILLE FEATHER RIVER MASTER PLAN

Prepared for
City of Oroville

JUNE 30, 2015



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June 30, 2015

Bob Marciniak
SBF Program Specialist
City of Oroville
1735 Montgomery Street
Oroville, CA 95965

**Re: Proposal for Planning Services
Oroville Feather River Consolidated Master Plan**

Dear Mr. Marciniak,

ESA has a long history with the development and negotiation of the Oroville area's Supplemental Benefits Fund (SBF). Specifically, we understand its origins, intent, and relationship to the Lake Management Plan (LMP), which was developed for the facilities located inside the FERC boundary. How the SBF assets are assigned to projects outside the FERC boundary, how they complement the LMP, how they relate to the Feather River and promote economic benefits to the greater Oroville area, are the responsibility of the SBF Committee. In order to guide the SBF Committee's review of project applications and ultimately the allocation of funds that will become available upon issuance of the long-term FERC license, ESA, in collaboration with Melton Design Group (MDG), would like to partner with the SBF Committee in the development of the Oroville Feather River Consolidated Master Plan.

We understand that since the time of your September 24, 2014 solicitation for assistance, the SBF has worked with Barbara Rice of the National Park Service's "Rails, Trails, and Conservation Assistance Program" to further advance the thinking and planning related to the Consolidated Master Plan. We were excited to see that the current solicitation is strongly aligned with the approach we submitted to you in our proposal in 2014.

The ESA team offers a unique perspective on the SBF. ESA participated as the City's representative at the Oroville Facilities Relicensing Settlement Table, and as a result we not only understand the SBF, we also understand the LMP, the details of the larger Settlement Agreement, and DWR's role and requirements for Feather River restoration (the Protection, Mitigation and Enhancement measures, or PM&Es) that were developed through the Settlement Agreement. We are familiar with the Feather River from a natural resources perspective, and we know how to integrate DWR's requirements with the SBF Committee's interests to make the Feather River a viable recreation amenity. Not only do we understand the river (engineering, geomorphology/habitat and riverine recreation — as well as the biology and permitting), we also know how to use the CEQA process to encourage collaboration with DWR on FERC-related habitat design efforts, and to allow the SBF Committee to be more assertive in achieving the downtown revitalization goals and realizing the associated economic benefits. Having worked with the SBF Committee at the golf course this past summer to help develop Goals and Objectives for the River Plan, we have the necessary insight that a successful Feather River Consolidated Master Plan will require to advance to the next level.



Bob Marciniak
June 30, 2015
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MDG continues to work with key stakeholders on the SBF Committee to develop potential projects, they are familiar with the project sites and concepts, and they have helped develop many of the existing concept plans, including the FRRPD Recreation and Parks Master Plan, the Oroville Waterfront Redevelopment Concept Plan, the Whitewater Park, the Preservoir, the Municipal Center and Riverbend Park to mention a few. MDG and ESA also maintain a strong connection with many of the private land owners -- including Steve Seidenglanz, Ron Harmon and Chris Tellis -- who all play a strong role in the future of the Feather River and Oroville.

Together, we can quickly, and without a learning curve, develop the opportunities and constraints criteria for the various reaches of the river, and work with the list of current, planned and potential developments along and near the river to efficiently develop a preferred Feather River Consolidated Master Plan.

As a Team, we have an unparalleled working knowledge of the Feather River, your community, your stakeholders and your interests. We helped the SBF Committee consider these prioritization and implementation issues last year, we have that content in hand, and we are ready to get started.

We look forward to your positive review of our proposal, and I encourage you to contact me directly with any and all questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric M. Ginney". The signature is fluid and cursive, with a large, stylized initial "E" and "G".

Eric M. Ginney
Project Director

F. RFP CERTIFICATION FORM

PROPOSAL CERTIFICATION FORM OROVILLE FEATHER RIVER MASTER PLAN

Note: Please ensure that all required signature blocks are completed. Failure to sign this form will render your proposal invalid.

Issue Date:	May 28, 2015
Issuing Agent:	City of Oroville 1735 Montgomery Street Oroville, CA 95965
Proposal Due Date:	Tuesday, June 30, 2015 4:00 P.M. PT
Proposal Directed To:	Bob Marciniak, SBF Program Specialist City of Oroville
Number of Proposal Copies:	Two (2) copies & One (1) electronic copy

In compliance with this Request for Proposal and to all conditions imposed herein, the undersigned offers and agrees to furnish the services in accordance with the attached signed proposal or as mutually agreed upon by subsequent negotiation. By signature hereto, the proponent certifies that all representations and certifications contained in its proposal are complete and accurate as required.


Name of Firm:	Environmental Science Associates (ESA)
Address of Firm:	550 Kearny Street Suite 800, San Francisco, CA 94108
Contact Name:	Eric Ginney
Signature:	
Title:	Project Director
Date:	June 30, 2015
Phone Number:	(916) 564-4500
Alternate Phone Number: (optional)	(530) 521-9229
Fax Number:	(916) 564.4501
Federal Employee ID Number: (if applicable)	94-1698350

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Feather River Consolidated Master Plan

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**CRITERIA FOR EVALUATION OF PROPOSALS
AND WHERE IN THE ESA PROPOSAL THESE CRITERIA ARE COVERED**

No.	Selection Criteria (per page 10 of RFP)	Covered in ESA Submittal Section
1.	Overall understanding of the request	Cover Letter; Section 1
2.	Knowledge of FERC relicensing processes and conditions	Section 1; Section 4
3.	Understanding of the Settlement Agreement and the SBF	Section 1; Section 2; Section 3; Section 4
4.	Experience with waterfront development	Section 1; Section 3; Section 4
5.	Fee Schedule	Section 5
6.	Qualifications	Section 3
7.	Firm, Team & Individual Experience	Section 4
8.	Methodology of approach	Section 2

Section 1

Introduction and Project Understanding

As a Team, ESA and the Melton Design Group have an unparalleled working knowledge of the Feather River, your community, your stakeholders and your interests.

ESA

ESA is a planning, engineering and environmental consulting firm that assists public and private sector clients understand, address, and solve the challenging issues they face.

Why Select the ESA Team

- *We have an unparalleled working knowledge of the Feather River, your community, your stakeholders and your interests.*
 - *We understand the DWR habitat “drivers” for projects in the river better than any other team, so we can find opportunities others cannot.*
 - *We helped the SBF Committee consider these prioritization and implementation issues last year-- we have the content in hand, and we are ready to take it to the next level and generate a plan with a strategy that yields economic benefits.*
 - *Not only do we understand the river, we also know how to use the planning (and potentially CEQA) process to support collaboration with DWR, and allow the community to achieve the downtown revitalization goals and the associated economic benefits.*
-

ESA’s team of community planners and technical experts work alongside ESA’s 350+ environmental planners, engineers, and scientists to achieve truly integrated solutions when addressing a wide variety of planning and environmental issues. Founded in 1969, we are a multi-disciplinary firm that keeps implementation at the forefront, delicately balancing long-term planning, community attributes, varying stakeholder objectives, environmental compliance, and cost. With office locations throughout California including Sacramento, San Francisco, and in the Pacific Northwest and Florida, our mission is to assist clients in solving challenges, developing plans and projects that are recognized for their innovation and effectiveness in achieving community objectives, and satisfying applicable requirements.

The ESA Team

To support our team in preparing the Feather River Consolidated Master Plan (FRMP, or Plan), we have engaged additional experts who have previously collaborated with ESA on prior work for the Oroville area, and specifically on the Feather River. Melton Design Group, featuring Greg Melton and Shawn Rohrbacker, offer landscape architectural, recreation and planning services that focus on creating community by providing recreational, commercial and resource needs for the Oroville community. Steven Spickard, a recreation economist based out of Oakland, will provide his

1 | Introduction and Project Understanding

expertise related to the potential economic benefits of the FRMP.

Melton Design Group

Melton Design Group is a Chico-based firm formed by local Landscape Architect and Planning professional Greg Melton. Greg and the Design Group staff have worked closely with communities throughout Northern California over the past 25 years. Previously Land Image Landscape Architects, Melton Design Group continues this tradition of providing clients with the highest quality of service in northern California and now offers licensed landscape architectural services in Nevada.

Melton Design Group (MDG) focuses its work and energy in improving the quality of life for local north state communities; including recreation, urban development and natural resource management. Current efforts include a feasibility study for an Aquatic Center in Oroville and construction administration for a soccer park / flood control basin in joint effort with the Sutter Butte Flood Control Agency and the City of Live Oak. The MDG staff includes two landscape architects and a team of planning professionals; state certified and experienced with local, state and federal agency requirements.

Land Economics Consultants, LLC

Land Economics Consultants, LLC (LEC) is a small business set up in 2010 to serve as the consulting vehicle for Mr. Steven E. Spickard, AICP, LEED AP. The longer history of “the firm” is synonymous with the career history of Mr. Spickard. He has 35 years of experience in the field of land use economics, the majority of which was spent as a Principal of Economics Research Associates (ERA) based in San Francisco.

For the Oroville Feather River Master Plan, LEC provides an option to infuse economic cost and benefits considerations into our analysis of appropriate features, amenities, and projects to include in the Plan. LEC has worked extensively with ESA in the four years since LEC was founded.



Project Understanding

The California Department of Water Resources (DWR), State Water Contractors, City of Oroville, and other stakeholders negotiated the re-licensing of the Oroville Facilities (FERC Project No. 2100) in 2004 and 2005, the result of which was a Settlement Agreement that included Protection, Mitigation and Enhancement measures (PM&Es) as part of the new license (Appendix A). The agreement also contained measures that were not explicitly included in the new license because they addressed issues that were subject to FERC review but were outside of the FERC boundary. Appendix B of the new license specifies the development and administration of a Supplemental Benefits Fund (SBF) to “allow the benefits of the Oroville facilities to be extended into the local communities in the vicinity of the FERC boundary.”



Prior to and since the establishment of the SBF, the City of Oroville, Feather River Recreation and Parks District, and other stakeholders (including the SBF Committee and some private landowners) have implemented multiple strategic planning efforts aimed at coordinating land use, redevelopment, recreation, environmental protection and enhancement, and related priorities along the river corridor both within and outside the FERC boundaries. These planning efforts are summarized below in chronological order, and include:

- The **Oroville Downtown Waterfront Concept Plan** (2004), which facilitated SBF negotiations by illustrating conceptual projects and visions for improving riverfront areas through downtown Oroville. This Concept Plan was never formally “approved” or adopted by the City.
- The **Recreation Master Plan for the FERC facilities** (Settlement Agreement Appendix A, 2006), which focuses only on recreational facilities within the FERC boundary.
- The **Oroville 2030 General Plan** (adopted by the City in 2009) describes a vision of the City in 25 years, and serves as an overall guide for making decisions about land use, community character, traffic and pedestrian circulation, open space, the environment, and public health and safety. The General Plan is silent, however, on how to address the future of the river through downtown, and it does not draw upon nor take advantage of the Downtown Waterfront Concept Plan or the intent of the SBF.
- The **Regional Fund Strategic Plan** (or RFSP, 2010) describes a budgetary framework for the SBF as well as annual grant allocation and prioritization criteria which are administered by the Steering Committee. Development of the RFSP was a specific requirement of the SBF, but it does not provide a vision for the physical layout of the river corridor, nor does it establish the nexus between the community and the river corridor upon which to base project approvals.
- The **FRRPD 2020 Master Plan** (adopted by the District in 2011) provides a framework for the District to implement its mission and vision, and was developed cooperatively with input from the general public, community leaders, the City of Oroville, Butte County and other agencies. The Plan outlines several recreation opportunities along the river corridor and specifically addresses FERC-related facility improvements within the District’s boundary.
- The **Whitewater Feasibility Study** (Plei, 2012) provided a basis for determining whether a “whitewater park” can be successful in the City of Oroville. The specific intent of the study was to help define the project purpose, and determine if that purpose could be achieved.

1 | Introduction and Project Understanding

The study concluded that an “Outdoor Recreation Center” including a multi-channel recirculating whitewater course could be part of a much larger outdoor recreation venue that could offer a multitude of opportunities such as climbing, mountain biking, flat-water paddling, zip-lining, etc.

- The **Oroville Arts, Culture and Entertainment Center** was a planning effort initiated by the City in 2012 (published in November 2013) aimed at revitalizing the historic Downtown and establishing an AC&E District that would capitalize on the area’s existing cultural, historic, and natural resources.
- The **Aquatic Center Concept Plan** (in-progress) is a feasibility study being prepared by the Melton Design Group for the City of Oroville and includes input from the California Department of Parks and Recreation. The City is about to present the results of the recent public outreach efforts which also will be accompanied by conceptual plans for identifying multiple sites along the river. The Aquatic Center Plan may potentially include a community center, competition pools, open space picnic areas, playgrounds and recreation pools.

Despite the relative breadth and depth of these planning efforts, there remain significant challenges in executing the vision behind the SBF. Though the lands around the river have been master-planned, the riverine corridor itself has not, leading to uncertainty about how the SBF Committee can most effectively balance community development with the environmental resource protections mandated by federal/state/local policies and the conditions of the FERC license. A Feather River Consolidated Master Plan would serve as an initial, foundational planning and prioritizing tool for local agencies and stakeholders by defining a unified vision for

community development and ecosystem enhancement along the river. By addressing the entire Low-Flow Channel from bank to bank, the Plan would create a comprehensive and long-term vision for a contiguous and functionally critical section of the river. It would play a meaningful role in the protection of existing recreational opportunities of the greater Oroville area and would coordinate the development of further opportunities in conjunction with the habitat improvement actions included in Appendix A of the Settlement Agreement. The recommended spatial extent of the Feather River Master Plan (from the North Forebay to the Afterbay Outlet) would purposefully cover lands within the City limits, the City’s Sphere of Influence, Feather River Recreation and Park District’s jurisdiction, relevant County lands, and key portions of the Oroville Wildlife Area so as to provide a unified and coordinated vision. An approved FRMP would require future river-centric proposals (be they from DWR, private developers, or NGOs) to consider, and be consistent with, the approved FRMP. The FRMP (and the accompanying CEQA document that the City may wish to prepare) would serve as a foundation and “magnet” for grant funding from a broad range of governmental and NGO sources.

The FRMP is expected to encompass recreational, commercial, and environmental interests; parks; currently proposed projects; and other projects and efforts that are consistent with the vision of the community and the FERC license. The RFMP will explicitly consider coordinated planning for the implementation of habitat-related elements (currently as listed in Appendix A of the Settlement Agreement, and as anticipated for inclusion in the FERC license) in order to save time and money, generate greater benefits for physical habitat and recreation, and expedite the permitting and environmental documentation for all projects on the river in the Plan area.

1| Introduction and Project Understanding

We will include and assess past plans in a strategic manner within the FRMP so that it may serve as an “umbrella” to provide a consolidated reference plan into the future. Moreover, our approach to review and consolidation of past plans will be done through a lens of economic development. Our

approach seeks to establish the FRMP as a foundational strategy template to ensure that development occurs in a strategically defined manner that achieves economic development goals. The details of our approach to Plan development are presented in Section 2.



Section 2

Project Approach

Approach

The ESA team's integrated approach to developing the Feather River Consolidated Master Plan will:

- (1) utilize the resource management and public use goals and objectives that were developed by the SBF Committee at the May 2014 Workshop;
- (2) analyze the landscape and development characteristics of the river corridor for opportunities and constraints relative to the City, SBF and FERC goals and objectives;
- (3) describe resource management options and a plan for enhancement, including current, planned and potential development "projects" along and near the river; and
- (4) superimpose public access and use as an overlay to the resource management plan to obtain an optimum fit that is to the greatest extent self-mitigating.

This strategy will provide staff a guide that will present opportunities as they arise and identify the proper project and or mitigation for the Low Flow Channel project area.

May 2014 Workshop Goals

- **Recreation:** *Provide multiple recreational opportunities that utilize and enhance access to existing resources within the boundaries of the Feather River Plan.*
 - **Access:** *Encourage secure and managed access for all segments of the population, with connections to the surrounding community and future development.*
 - **Natural Environment:** *Ensure the continued success of habitat restoration and improve the ecological health of the river and floodplain in concert with river restoration goals.*
-

Our approach includes a complete site analysis with collection and compilation of baseline information typical of that prepared for future CEQA documentation. Doing so will facilitate the identification of (1) environmental opportunities and constraints relevant to habitat enhancement and public access; (2) resource management alternatives (i.e., providing a "reasonable range" of alternatives); and (3) development opportunities, zoning, land-use and general plan compliance. This approach will provide us all the information we need to develop our overlays and minimize duplication of efforts during other review portion of the process and hence be cost-effective and streamlined.

We propose a highly collaborative approach to Plan development that is contingent upon meaningful input and feedback from the SBF Committee, the City, DWR, and other stakeholders. In particular, we propose focusing clearly on the intent of this document and confirming that intent with the stakeholders. Once clear with the intent, we will gather all the existing and proposed projects and determine if they are consistent with goals and objectives. Once we have worked with the identified projects we will begin researching potential project opportunities with other agencies and private entities so that the community's collective resources can be best leveraged to accelerate project implementation. Our **planning, environmental, and economic** approach also emphasizes the critical role that the river will play as an epicenter for local recreation, development and tourism.

2 | Project Approach

There is a robust history throughout the rural West of communities driving economic development by thoughtful investment in environmental enhancement and recreation. Oroville already has many of the ingredients that are common to regional outdoor destinations, including opportunities for flat- and whitewater paddling, fishing, wildlife observation, hiking, mountain biking, and equestrian sports, as well as a historic downtown with a colorful cultural history. It's not impossible to imagine trails linking the downtown river corridor to attractions such as the Loafer Creek Recreation Area, Foreman Creek Recreation Area, and Oroville Wildlife Area, or a broad range of seasonal festivals celebrating the river's environmental, recreational, and cultural resources. *The ultimate goal of the Feather River Consolidated Master Plan is to establish a blueprint for turning ideas like these into a reality on the ground for the benefit of people and the environment. Establishing the potential economic value to the community, and expanded community outreach are offered as optional tasks.*

Scope

Our approach to any project is built on relationships and a shared creation and input process that develops the best strategy for the needs of the Oroville Community. Our proposed scope includes your five primary tasks, along with the addition of what we feel are key elements in developing a strategy that will serve as an implementation tool while implementing future SBF goals and for the development of the river corridor.

Task 1: Project Initiation

ESA Team proposes to initiate work with a kickoff meeting between the project team, the SBF Committee, the City, and relevant agency staff, to review the proposed approach and scope of work and determine what modifications to the work plan, if any, are necessary, and to clarify the desired parameters of the **Feather River Consolidated**

Master Plan. During this meeting, we will also address all the Background Information and review the content of our initial Opportunities and Constraints Analysis.

This effort includes three main components:

- (1) a review of existing information,
- (2) a reconnaissance-level site visit, and
- (3) an opportunities and constraints analysis.

Additionally, we will address/confirm:

1. **Intended uses of the Feather River Consolidated Master Plan.** It is essential for all project partners to develop a common understanding of how this plan will be developed and applied. The content and framing of the *Feather River Consolidated Master Plan* (FRMP) will influence the development of a subsequent strategic action plan, budget priorities, and potential collaborations with partners, including downstream jurisdictions. As an integrated resource management and public use plan, it will provide the strategy as the foundation for river protection, land acquisition, active and passive public uses, facility improvements to support those uses (including ADA-compliance), grant funding, and adjacent river corridor development.
2. **Desired level of planning and CEQA.** At the kickoff meeting, we would like to define the desired level of planning the document should describe. For example, *the recently-approved San Joaquin River Parkway Plan is described as "programmatically and conceptual" because the San Joaquin River Conservancy needs to work with other agencies and landowners to implement it.* Insofar as the ESA team and the SBF Committee can identify how the Feather River Consolidated Master Plan will be used, we should be able to determine how detailed it needs to be.

We also propose to address and provide a clear list of regulatory constraints and identify all

environmental impacts and their potential mitigations.

We will prepare a CEQA Initial Study Checklist that identifies the most likely compliance strategy which will identify all the potential environmental impacts. We would like to initiate a conversation that addresses what is and isn't "on the table" in the plan. For instance, *are there activities and proposed projects in our lists that the SBF Committee would like to emphasize in the next 15-20 years? Are there historic choices the SBF Committee would like to steer away from?* The proposed composite graphic will identify and prioritize these "potential developments" identifying:

- a. Existing Conditions in FRMP identified area,
 - b. Planned development and its timetable and
 - c. Potential development and opportunities.
3. **The Opportunity and Constraints analysis** will utilize the Initial Study checklist, and also clearly frame the existing and planned *Water-Related and Land Based amenities and improvements*. Like the composite graphic this framework plan will identify elements that present conflicts or opportunities. It will show the gaps in the plan along with showing duplication. These graphics will make it very clear for staff and general public to easily see when a proposed project fits into the strategy and when it doesn't.

Task 1.1 Review Background Information. We will review a range of documents that describe local and regional plans and planning efforts as well as the existing conditions of the natural (e.g. hydrologic, geomorphic, ecological) and built (e.g. demographics, economic, cultural) environments along and within the Feather River corridor. We will use information from this task to inform the reconnaissance-level site visit described in Task 1.2, and incorporate it into the Opportunities and Constraints Analysis described in Task 1.3.

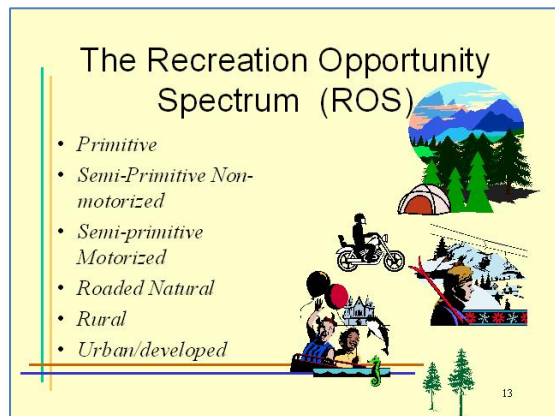
- Management Plans, Aesthetics, Land Use, and Recreation. We will review existing and current local and regional plans and planning efforts, many of which are identified in the *Project Understanding* above, to ensure consistency across planning documents. From these documents, we will compile relevant information for the River Plan and including goals, objectives, and desired outcomes of the various plans, and a list of applicable regulatory and policy considerations outside of the typical CEQA and federal/state/local permitting processes.
- Biological Resources: We will review relevant reports, studies, and other available information, as appropriate, to characterize and better understand the biological resources of the Feather River.
- Cultural Resources: We will conduct an archival and records research within a ¼-mile radius of the project area.
- Hydrology /Geomorphology: We will review existing information describing hydrology and geomorphology of the project reach, including relevant reports from DWR and partner agencies, USGS Open File reports, historic aerial photographs, and studies. Our previous Feather River channel and floodplain restoration work for DWR will be leveraged into this task area.
- Deliverables: CEQA Check List and graphics of data needs.

Task 1.2 Area Reconnaissance. We will perform a one-day field reconnaissance of the river planning area (North Forebay to Afterbay Outlet) to help summarize baseline site information, describe the river corridor's environmental, visual, and social character, and identify potential opportunities and constraints for environmental and recreational enhancement, redevelopment, and other Plan

2 | Project Approach

priorities. We will identify which reaches could be more suitable for ecological enhancement, development, active recreation, passive recreation, and other uses. We will gather information on the existing biological setting, and pay particular attention to existing resource characteristics and land use opportunities/constraints, which are important to address in recognizing the value of the Feather River landscape as a wildlife corridor and a recreational amenity.

Task 1.3 Opportunities and Constraints Analysis. ESA will incorporate the results of the information review in Task 1.1 and the rapid field assessment of Task 1.2 into an analysis that describes opportunities and constraints by river reach. This analysis and composite plan will use environmental data to support the development of feasible project alternatives, as well as provide a foundation document for incorporation into the future CEQA analysis. Conducting an Opportunities and Constraints analysis early in the planning process simplifies the future task of environmental review.



We will utilize GIS to map a relevant suite of environmental, recreational and social attributes, Proposed and existing building footprints, and infrastructure. We will use existing information and new geospatial analyses to assign each river reach an appropriate level and intensity of use, ranging from primitive to developed, and identify reach-specific opportunities and constraints for recreation, environmental protection, new development, and redevelopment. This analysis

will allow the Master Plan to describe each reach's unique character from resource- and use-oriented perspectives.

We propose the following preliminary reach delineations, starting from the North Forebay and moving downstream:

- 1) **North Forebay:** This stretch includes the eastern most portion of the Forebay and a portion of the Power Canal that originates at the Diversion Pool. This reach encompasses the potential aquatic center and its relationship to Nelson Park.
- 2) **Feather River -- Diversion Pool to Nature Center:** This stretch starts at the Power Canal that connects the Forebay to the Diversion Pool, and proceeds to the Nature Center by the Green Bridge. This is a rather tranquil segment of the river that provides an array of recreation opportunities, including trails.
- 3) **Feather River -- Downtown Waterfront:** This stretch starts at the Green Bridge, includes the AC&E District and extends downstream to the Highway 70 Bridge. Oroville's historic downtown is currently separated from the river by the levees that protect the town, and the Oroville Downtown Waterfront Redevelopment Plan proposes that the river experience be integrated into the community to allow residents and visitors to better access and enjoy the river. Bedrock Park offers just such an opportunity within this reach.
- 4) **Feather River -- Riverbend Park:** This stretch extends below the Highway 70 Bridge to Highway 162 and includes the FRRPD's newest regional park.
- 5) **Feather River -- Oroville Wildlife Area (OWA) to the Outlet:** This stretch starts at Highway 162 and extends downstream to the Afterbay Outlet. This reach of river provides a more natural experience with wildlife viewing and passive recreation opportunities.

Deliverables:

- The kick-off meeting will result in a final scope and budget. The meeting day will also include a brief visit to each of the five river reaches described under Task 1.3.
- Technical Memorandum: Project Setting – Base Map, Opportunities and Constraints Analysis, and GIS-mapping, as appropriate
- Regulatory constraints and environmental impacts
- Existing and proposed Conditions with development timeline
- Water-related and Land based amenities and improvement plan

Task 2: Project Schedule: Meetings, Public Outreach, Presentations and Task Review

This task will define all tasks of the project providing concise task-related goals, objectives and a schedule for the project. Public Outreach will check in with all of the key players and provide the general public a chance to see their RESOURCES displayed before them in a comprehensive manner they likely have never viewed before:

1. **Develop project schedule and define task-related goals and objectives for the master planning process.** This task will provide us with an opportunity to discuss the SBF Committee’s desired timeframe for Master Plan development, including appropriate milestones for deliverable review and revision.
2. **Identify the Community’s Highest and Most-Relevant Priorities.** As previously discussed there have been years of public input, workshops, and plans that we will build upon. ESA and MDG have been involved in many of these previous efforts and we look forward to engaging the community as a collaborator and facilitator in *Feather River Consolidated Master Plan* development. Feedback from these efforts will help broaden the possible suite

of projects to be considered in the Consolidated Master Plan, identify opportunities and constraints that could have been missed during earlier project phases, and give the community a sense of ownership over the document and its implementation.

3. ***Framework for public outreach and partner involvement.*** We feel there are a variety of ways the ESA Team will approach public engagement. We envision that this will include both the straightforward presentations to Committees and Boards, as well as more-interactive ***person to person*** workshops. This more-interactive approach to public outreach frequently results in an increased level of ***interaction, community support and “buy-in”*** that can smooth the path towards future project implementation. Our proposed scope currently has our team providing several workshops targeting key stakeholders, along with attending City, FRRPD and SBF public hearings and SBF steering committee meetings to continue the outreach and present the findings. We will use the City of Oroville website as our base of information for users to tap regularly for updates, reports and meeting times.

There are several options for approaching interested residents and stakeholders and we feel

- Social media outreach
- Focused meetings with stakeholder groups such as recreation advocates, youth organizations, environmental non-profits, and others
- Interactive workshops/design charrettes
- Convening a Feather River Consolidated Master Plan Advisory Group comprised of representatives from various stakeholders and agency partners

Deliverables: Project task layout and schedule; public outreach approach; defined list of community priorities.

Task 3: Develop the Draft Feather River Consolidated Master Plan – “THE UMBRELLA”

After describing the opportunities and constraints by reach, we would initiate development of the Draft Feather River Consolidated Master Plan by assigning appropriate locations along the River for each of the previously identified/proposed projects as well as new projects identified through the opportunities and constraints analysis. We will identify the most viable locations for the projects within the context of the five reaches and the FERC-mandated in-river PM&Es. This Draft *Feather River Consolidated Master Plan* FRMP will help communicate a vision for each river reach providing a UMBRELLA STRATEGY for the Feather River as a whole. The components of the Draft FRMP could include the following, subject to discussion with the SBF Committee:

1. Parameters of the Feather River Consolidated Master Plan: The document will begin with an executive summary defining the vision, purpose and guiding principles of the plan, including goals and objectives. We will explain the process of creating the master plan, describe the regional setting, background, and provide an overview of the FERC Project for Oroville Facilities, existing plans, related agencies, roles, and responsibilities.
2. Plan Recommendations: The plan will identify and define river reach areas, and classify individual projects by location as either “water-related” or “land based”. We will describe the relationships between these projects and conservation, restoration, recreation, and economic development. Plans will include existing and proposed conditions of:
 - In-river habitat and/or recreational features
 - Trails
 - Walkways
 - Bikeways
 - Roadways
 - Infrastructure
 - Proposed development opportunities.

An important aspect of the FRMP is facilitating mutually beneficial relationships between projects, partner agencies, and private development.

This portion of the document will outline potential relationships and explain their benefits in terms of outcomes, cost savings, and self-mitigation. As an example: ongoing plans for DWR gravel deposits to support fish spawning could be implemented in a way that helps clean up the small channel in front of Bedrock Park. The deposits could also be placed in a location that would help create a kayak wave event area that can be positioned in view of a riverfront development allowing spectators and retail opportunities. Fish spawning improvements could be developed for interpretive education while fish are spawning; management could focus on recreational fishing for the rest of the year. We will describe each project within the dual contexts of:

- (1) achieving Master Plan goals and objectives; and
- (2) consistency with previously identified opportunities and constraints.

Where appropriate, we will identify alternatives for river reaches or sub-reaches that consider different management emphases and/or implementation costs. Master Plan exhibits will include color renderings to identify river reach areas, project locations, characteristics and beneficial project/agency relationships. The descriptions of project improvements will be limited to a general description, project area footprint and simple renderings of the opportunity.

- Cost Projections and Economic Analysis. We have included an additional Cost and Economic Analysis tasks in our scope, we feel strongly about. This task includes cost estimating to inform future budgetary priorities, and an analysis of the economic benefits the Consolidated Master Plan could deliver to the greater Oroville community. This economic analysis will aid in prioritization along with providing sound justification for project development and

demonstrates a more complete study for qualifications in regards to grant opportunities.

- Preliminary Cost Projections. A description of preliminary cost projections and potential funding sources would help the SBF Committee develop a long-term strategy for prioritizing and implementing the improvements discussed in the plan. The cost projection memorandum would include information on new revenue-making opportunities (tourism, power production, etc.), potential grants for resource enhancement activities, public access and ADA compliance work, and future funding opportunities.
- Economic Analysis. An economic analysis of the projects proposed within the Feather River Consolidated Master Plan can help the SBF Committee identify their relative costs and benefits. An economic analysis can strengthen the plan, help set priorities, guide implementation strategies, and optimize phasing. When analyzing specific components and projects within the Feather River Consolidated Master Plan, economic considerations could include:
 - Revenue generating potential
 - One-time capital costs
 - Ongoing costs of operation and maintenance
 - Ability to add synergistically to Oroville’s tourism economy
 - Value as recreation for local residents
 - Potential for support from non-profit partners
 - Potential for funding through for-profit concessionaires and developers
 - Opportunity costs for resources required

All these items will provide great decision making tools when determining the future of your community!

- Phasing and Implementation Strategies: The final section of the Master Plan will summarize projects that work well together, generating reach-wide benefits that are more than the sum of their individual parts. It will propose a

basic phasing schedule, identifying priority “critical path” projects that make it easier to implement subsequent projects. This section will also provide a list of potential funding options for different project phases

Though we expect to decide upon the ultimate content/format of the document with the SBF Committee, the following represents an example of what the Master Plan could include:

1. Introduction

- a. Executive Summary
- b. Introduction and Background
 - i. Regional Setting and FERC Relicensing
 - ii. Community Development
 - iii. Existing Plans
 - iv. Related Agencies, Roles, and Responsibilities
- c. Vision and Guiding Principles of the Master Plan
- d. Goals and Objectives
- e. Master Plan Development Process

2. Existing Conditions

- a. Regional and Local History
 - i. Pre-history
 - ii. Western Settlement
 - iii. Development of Oroville Dam
 - iv. The Post-Dam Era
 - v. FERC Relicensing
- b. Community Characterization
 - i. Demographics
 - ii. Economics
 - iii. Policies
 - iv. Examples of Reference Communities with River Master Plans
- c. River Reaches

[For each Reach, describe the integration of:]

- i. Hydrology and Geomorphology
- ii. Biological Communities
- iii. Cultural Resources
- iv. Existing Use Patterns

2 | Project Approach

3. **Opportunities and Constraints** (integration of deliverable from Task 1)
4. **Master Plan Recommendations By Reach**
 - a. Reach 1
 - b. Reach 2
 - c. Etc...
5. **Cost Projections** (optional)
6. **Economic Analysis** (optional)
7. **Phasing, Implementation Strategies, and Next Steps**
8. **References – How to Guide**

We will compile an electronic version of the Draft *Feather River Consolidated Master Plan* and transmit it to City staff as the SBF Administrator.

The budget for this task includes time for one meeting with staff to discuss the Draft *Feather River Consolidated Master Plan*, as well as time to prepare and present the draft *Feather River Consolidated Master Plan* to the public and SBF Committee at a public meeting. We will review the comments documented through the Draft *Feather River Consolidated Master Plan* review process, and revise the document as appropriate to produce the Final *Feather River Consolidated Master Plan*.

Deliverables: Draft Feather River Consolidated Master Plans; one meeting with staff, and one public presentation at an SBF Committee meeting.

Task 4: Final Consolidated Master Plan

The development of the final Plan is a process of refinement, verification and completion. The ESA Team will work hard to develop final graphics, verify information and finalize all the comments and input from the City review process.

We assume it will take the City (as administrator) two weeks to compile the comments from the SBF Committee for transmittal to the ESA team, and that it will take the ESA Team three weeks to produce the Final *Feather River Consolidated Master Plan*. ESA will provide digital and hard copies of the final document and will meet with SBF Steering Committee to walk them through the document identifying how the Plan will be used and implemented.

Implementation and Guidance. One key process once the FRMP is complete is the advertising of its availability and the implementation on how it can be used to promote and guide development, apply for grants and funding opportunities, and lastly how to use the document to demonstrate the SBF has a focused implement to guide and direct enhancements to the Low Flow Channel.

Deliverables:

- Final Feather River Consolidated Master Plans, one meeting with staff, and one public presentation at an SBF Committee meeting. Product Delivery
- Eight bound / Eight unbound / 3 digital copies of the Oroville Feather River Consolidated Master Plan.

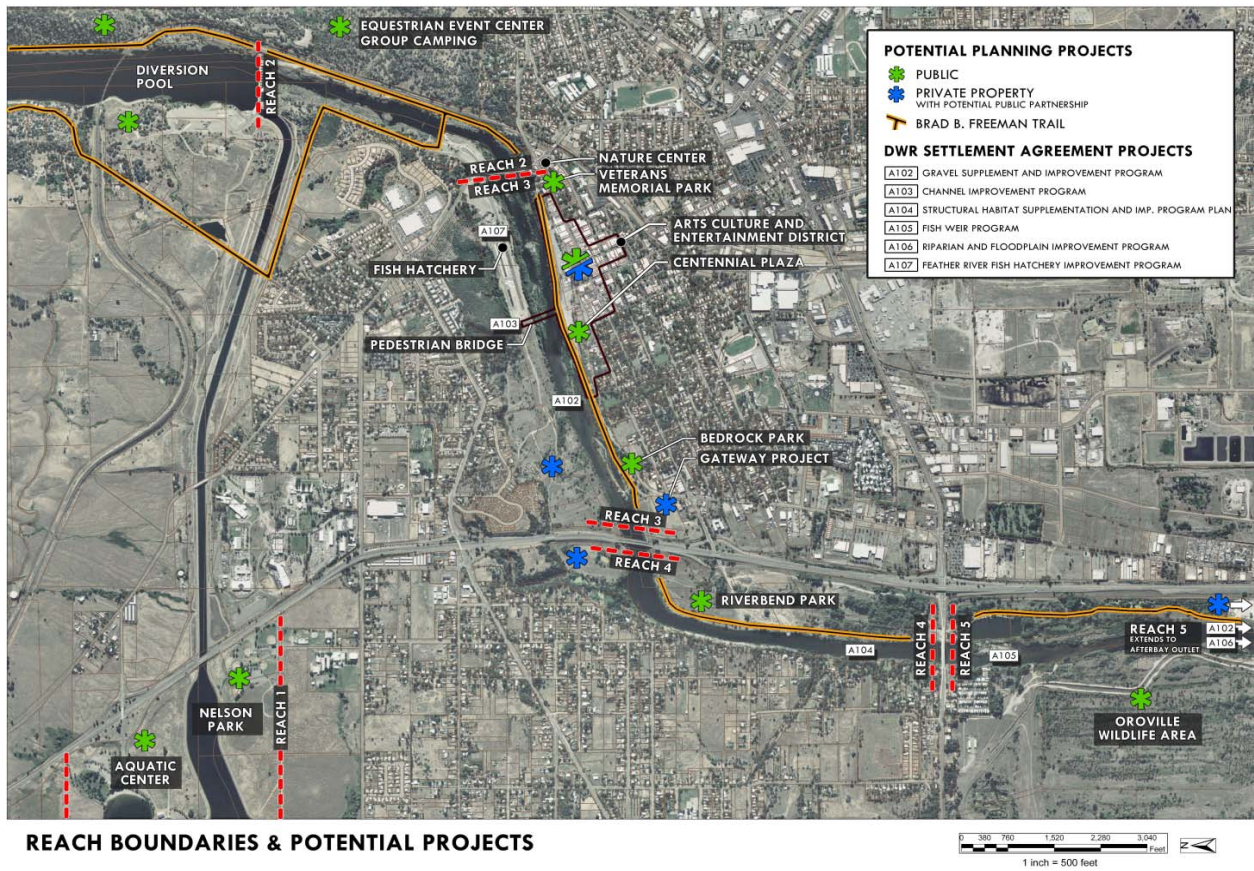


Figure 1:
Reach Boundaries & Potential Projects
at the Downtown Core

Section 3

Qualifications

Planning + Science

ESA utilizes an integrated approach to planning, permitting and developing design for multi-objective projects—combining ecologic enhancement, economic, flood protection and recreational benefits for the environment and society as a whole. **To do this, we provide professional consulting services in restoration, hydrology, hydraulic engineering, geomorphology, water resource management permitting, community and natural space planning and management, environmental compliance, biology, fisheries, and cultural resources.** With our Environmental Hydrology Practice, which includes firms formerly known as Philip Williams & Associates, Ltd and Wetlands and Water Resources, Inc., we offer our clients integrated environmental planning and design services for habitat restoration and water resources management. Our projects are often undertaken with inter-disciplinary teams of resource managers, public works engineers, planners, ecologists and landscape architects. ESA's staff of geomorphologists, coastal scientists, civil engineers and hydrologists has years of technical and field experience in coastal and watershed management, marine and fluvial hydrologic and hydraulic analysis, sediment transport modeling, environmental planning, computer modeling and shoreline flood hazard determination.

Over the last four decades, many of our river, watershed and wetland restoration projects have been constructed, successfully restoring life and healthy function to degraded streams, wetlands, tidal inlets and beaches. In addition to restoration benefits, these projects frequently feature amenities such as recreation, public access, habitat enhancement for fisheries and native species, and flood protection.

Ultimately, we develop plans and documents that clearly map the path from vision to reality so our clients actually achieve their desired results; realistic solutions that can be built and at the same time protect critical resources, achieving sustainable results.

Planning and Environmental Documentation

ESA has led the preparation of numerous master plans and related policy, vision and land use plans that span a wide range of applications from commercial centers and office developments to mixed-use and residential planned communities. We have pioneered the integration of community and environmental planning to advance state-of-the-art smart growth practices addressing economic, social and environmental sustainability. Our Master Plans, Vision documents, and other policy plans are recognized for their innovation, collaborative approach, and assimilation of local jurisdiction, key stakeholder and community needs. We develop plans that achieve a gentle balance between having a clear purpose, creating certainty in the development review process, and being flexible enough to promote creativity and be applied in evolving situations over time.

For more than four decades, ESA has built a successful track record of assisting clients with preparation of environmental documents such as Environmental Impact Reports (EIR), and Environmental Impact Statements (EIS), Initial Studies (IS), Environmental Assessments (EA), Mitigated Negative Declarations (MND), and associated special technical studies. Having experienced in-house planning and environmental professionals that are knowledgeable in federal, State, and regional regulations affecting land development and planning at the program and project levels, coupled with technical specialists,

provides for a fluid integration of the environmental process into plan development. Our environmental experts bring current knowledge of key environmental issues and have successfully worked within the City of Oroville and on the Feather River. With our thorough understanding of local environmental issues, CEQA, and the State CEQA Guidelines, ESA can support FRMP development in a way that streamlines environmental documentation, saving time and money while reducing the likelihood of litigation.

River and Floodplain Restoration

In addition to our planning and environmental services expertise, ESA has significant experience in river and floodplain engineering and restoration with an emphasis on enhancing fisheries and riparian habitat. Our approach is to first understand the history and watershed context of the river, and the underlying reasons why it is impaired, and then consider how to best work with natural processes to aid recovery. We integrate this understanding within our engineering practice to develop practical restoration plans.

We have completed several floodplain restoration designs in the Sacramento Valley, including floodplain restoration for the Feather River and the Bear River Levee Setbacks and the passive park at Verbena Fields on Lindo Channel, in Chico. As part of DWR's Oroville Facilities FERC License Compliance work, ESA developed strategies for achieving floodplain restoration on the Feather River in the Oroville Wildlife Area.

ESA has developed restoration designs for several Northern California rivers, with an emphasis on enhancing fisheries and restoring riparian habitat. Relevant projects include the Sunrise Side Channel on the Lower American River, restoration design support for multiple sites on the Trinity River and on Indian and West Weaver Creeks in Trinity

County, and the Yuba Narrows Fisheries Enhancement Project in Yuba County. We also assisted Wildlands, Inc. with mitigation design for the Fremont Landing Conservation Bank, located at the confluence of the Feather and Sacramento Rivers.

Public Outreach

The ESA team is sensitive to the varying interests and needs of the community stakeholders. To ensure the success of any planning effort, regular and effective communication among the consultant team, the SBF Committee, City and FRRPD staff, landowners, and



key stakeholders is extremely critical in moving the project forward in an efficient and thoughtful manner. By sharing and understanding each other's perspectives, all parties involved can engage in productive dialogue. Our work program provides for regular communication throughout the process, as well as regular biweekly calls to ensure that the team stays focused on the relevant issues at hand.

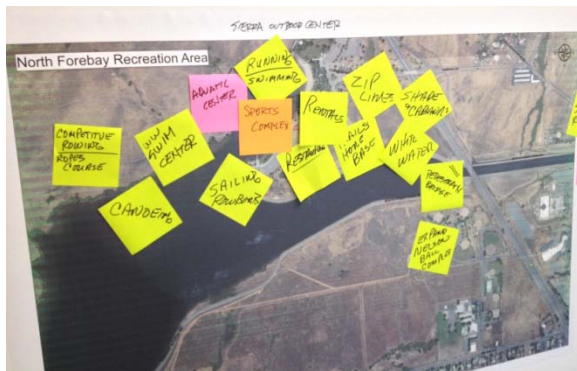
Melton Design Group offers a wide range of experience that includes both public and private sectors, with specific services and in-house capabilities that relate to multiple disciplines. This diversity creates a well-balanced design team that provides an approach to projects from many different perspectives.

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Melton Design Group staff is well versed in discovering community needs, assessing their desires, hearing concerns and working with a group until a true priority has been discovered. It is this input that will make your planning process a proven success.

Relevant Project Experience

Below we have provided examples of project experience related or similar to the Oroville Feather River Master Plan. **ESA has been working with the City of Oroville since 2005, and most recently (May 2014) collaborated with the SBF Committee to help establish goals and objectives for this master planning effort.**



Supplemental Benefits Fund Committee Goal Setting Workshop Facilitation

ESA participated, on the City's behalf, in the development and negotiation of the Oroville facilities (FERC Project 2100) Relicensing Settlement Agreement. Specifically, ESA negotiated with the State Water Contractors to develop the Oroville area's Supplemental Benefits Fund (SBF). Therefore, we have a unique understanding of the SBF's origins, intent, and relationship to the LMP which was developed for the facilities located inside the FERC boundary. In order to guide the SBF Committee's review of project applications and

ultimately the allocation of funds that will become available upon issuance of the long-term FERC license, ESA facilitated a one-day workshop with the SBF Committee in May 2014, to develop Goals and Objectives for the Feather River Master Plan.

Currently, Melton Design Group is working with the **SBF** and its **Ad Hoc Aquatic Committee** on the Oroville Aquatic Complex Feasibility Study. This project has been working over the last year to gathering survey information, public input and needs wants and desires of the people of Oroville. This SBF effort has studied many of the available sites in the river nexus and is very familiar with there opportunities and constraints. This fresh information will be integrated directly into this Consolidated Master Plan.

We feel this knowledge and the years of Oroville experience will allow us to direct this effort cleanly and efficiently into a quality working document.

Feather River Recreation and Park District Master Plan

ESA prepared a System Inventory and Conditions Report as the first phase of a Parks Master Plan. Activities included gathering and documenting

Built-in ESA Team Benefits for the SBF

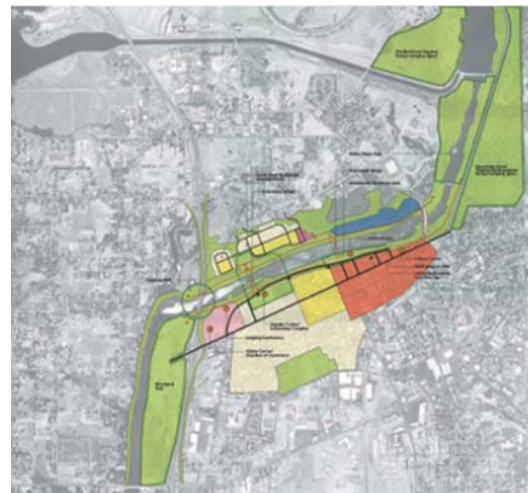
- **We've worked with the SBF from the beginning.** *We know and work with the State Water Contractors.*
 - **Recent, highly-relevant work.** *We did the "huddle" at the golf course in summer 2014; we have the 'insights' to advance this!*
 - **We know how to use CEQA to support collaboration with DWR** and to allow the City to be more assertive to gain DWR support for the downtown revitalization.
 - **We understand the river** (engineering, geomorphology/habitat & riverine recreation—as well as the biological and permitting).
 - **We understand, and have worked on, the DWR FERC-related habitat design efforts.** *We are conversant in this material and know the language/issues (and the legal intricacies of the SA).*
 - **We know the SA and DWR's role and requirements for river restoration** (PM&Es in the license, based on the SA). *We know the river from a natural resources perspective and how to make integrate DWR's requirements with those of the City to make it a viable recreation amenity.*
-

existing conditions for the FRRPD's facilities, including their parks, trails, and other recreation opportunities; identified regional demographic and recreation trends, and; authored a Systems Inventory and Conditions Report to support the District's Master Plan update effort. The Master Plan process was intended to guide the District's actions over the next 10 to 20 year period. To this end, ESA facilitated the collaborative development

of mission and vision statements for the District based on regional demographic and recreation trends, and community values. ESA worked with the District to develop a scope of work for Phase II, which consisted of three concurrent master planning efforts to address recreational programming, community parks, and the Feather River parkway.

City of Oroville Downtown Waterfront Redevelopment Concept Plan

ESA assisted WRT in developing a redevelopment concept plan for the City of Oroville's downtown waterfront area. ESA biologists and planners conducted an ecological characterization of the study area and participated in various stakeholder



interviews and public workshops, which resulted in the identification of programming needs for several locations throughout the waterfront area; the development of preliminary site planning concepts; and the identification of environmental, regulatory, and permitting issues associated with their implementation. ESA translated the descriptions of the public open spaces identified in the Concept Plan into Protection, Mitigation, and Enhancement measures (PM&Es), and submitted them to DWR for consideration in the collaborative process associated with the Oroville FERC Facilities Relicensing (FERC Project # 2100).

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Our teaming partner, **Greg Melton**, (then working for Land Image) served as the local landscape architect on the Redevelopment Concept Plan project team. Mr. Melton played an instrumental advisory role due to his project experience along the Feather River and the greater Oroville community. He helped facilitate public meetings, assess community input and develop site improvement plans for commercial, recreation and residential improvements. The primary focus of his role was to take advantage of the unique natural resources of the river and to further enhance social and economic development in Oroville.

ESA continued to monitor the progress of the PM&Es and represented the City of Oroville/Oroville Redevelopment Agency's recreation/redevelopment interests in the collaborative process. As Primary Negotiator for the City in the development of a historic multi-party Settlement Agreement, ESA represented the socio-economic benefits to the City and the greater Oroville area from recreation development and positioned the City in the negotiation process with the State Water Contractors and the DWR. The negotiations resulted in the development of the Supplemental Benefit Fund, which included a combination of upfront cash for recreation development and an annual payment for development of projects outside the FERC project boundary.

Oroville FERC License Compliance Floodplain and Riparian Restoration Planning

As DWR awaits approval of its new FERC license to operate the Oroville facilities, it has begun to prepare initial information to support what it believes will be the required measures in its new license. ESA assisted DWR in developing the necessary baseline information from which restoration opportunities and constraints were

developed, and undertook initial project planning efforts, and assessed the opportunities and constraints of potential floodplain and riparian restoration options along the Feather River. The technical work included:

- Gathering and synthesizing existing information and identifying data gaps.
- Assessing existing and historical conditions in terms of hydrology, hydraulics/flood management, geomorphology, riparian and floodplain habitat (and function), and the nexus between floodplain and in-channel habitat.
- Developing a hydraulic model, collecting river stage data (flood and low-flow), and assessing aggregate resources in potential floodplain restoration/aggregate mining areas.
- Developing a description of opportunities and constraints to restoring floodplain, riparian, and channel habitats.
- Developing recommendations on how to obtain any currently unavailable data that is necessary to progress the project, and recommendations for how to proceed with subsequent planning and design of potential restoration actions.

Any restoration on the river must be coordinated with other license measures—such as gravel augmentation, Large Woody Debris placement, and side channel construction—and with other



reasonably foreseeable actions in the river corridor, including a whitewater facility. The ESA team coordinated with the other license measures, and interacted with the City of Oroville and others to ensure that restoration and other actions are coordinated and complimentary such that they are greater than the sum of their parts.

Merced River Comprehensive Management Plan and EIS

In 2010, ESA was contracted by the National Park Service (NPS) to prepare a Comprehensive Management Plan for the Merced Wild and Scenic River in Yosemite National Park in California. The project includes the preparation of a draft and final environmental impact statement (EIS) and the accompanying Comprehensive Management Plan. ESA is also responsible for preparation of supporting documents including extensive graphics and maps, a detailed conditions assessment, preparation of several planning workbooks for the public, technical and facilitation assistance with public meetings throughout the project, analysis of public comment at several phases of public input, and preparation of the administrative record.

The NPS initiated the Merced River planning process in 1996, and resumed the process in 1999 when the U.S. District Court determined that the absence of a river management plan hindered NPS's ability to ensure that projects in the river corridor adequately protect the Merced Wild and Scenic River. ESA has worked with the NPS throughout its development since 1999.

As a subconsultant to ESA on this project, our teaming partner, **Steve Spickard of Land Economics Consultants** provided all economic impact analyses and wrote the socioeconomic impact sections of the EIS. His analyses included review of the structure of the rural economies in the surrounding four counties, the impacts different alternatives would have on tourism volumes,

quantification of changes in direct spending by visitors to the area, estimates of fiscal changes for the governmental entities involved, and multiplier impacts on the regional economy.

Mid San Joaquin River Regional Flood Management Plan



ESA is leading the preparation of the Mid San Joaquin River RFMP, which will provide a vision for flood management improvements in the region over the next 25 years. To identify these needed regional improvements, ESA developed and solicited project ideas, developed criteria with which to evaluate and rank them, and applied the criteria to produce a ranked list of projects, taking into account risk reduction, multi-project objectives, benefits-to-costs, and other selection rationale. An intensive public outreach program is being implemented where ten workshops and planning meetings were held to solicit input from stakeholders in the region. These stakeholders include landowners, reclamation districts, and federal, State, and local agency representatives.

A Regional Financial Plan is also being prepared to address long-term capital improvement investments; funding for other emergency response operations; operations and maintenance of flood management facilities; and opportunities to leverage state and federal investment with local and non-flood funding sources. The Financial Plan includes concept-level cost estimates and cost share strategies for each of the recommended solutions. The regional flood management planning process, together with concurrent effort at the state level to

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identify valley-wide flood management solutions, has the potential to dramatically improve recreational opportunities, ecosystem restoration, public safety and flood control along with habitat, water quality, water supply, and other integrated benefits in California’s Central Valley.

Sutter County General Plan Update

Staff from ESA prepared a comprehensive update of the Sutter County General Plan. The General Plan allows the County to maintain its rural, recreation- and agricultural- based lifestyle, while accommodating strategic opportunities for development and economic growth. Critical issues addressed, similar to the anticipated issues to be addressed Feather River Master Plan, include potential flooding from the Feather River and the Sutter Bypass, economic development and diversification, protection and expansion of recreational opportunities, water and wastewater infrastructure constraints, and preservation of significant natural resources such as the Feather River, Sacramento River, and Sutter Buttes. This project included an extensive public outreach program that required consensus of residents, landowners, businesses, other key stakeholders, and the decision-makers on the future vision for Sutter County, which is similar to the Master Plan.



Truckee River Legacy Trail Phase 3A and 3B

On behalf of the Town of Truckee, ESA prepared an IS/MND for the approved and constructed Phase 3A

of the Truckee River Legacy Trail (TRLT). The project involved the extension of existing segments of the trail along the Truckee River. The project will be a 15,000-foot recreation trail (Class I, separate from the street). The trail is proposed as a multi-use trail allowing joint use by pedestrians, bicyclists, equestrians, and other non-motorized users. Phase 3 of the Legacy Trail will connect to the existing Phase 2 at Riverview Sports Park and Glenshire Drive. The trail travels south of the Truckee River through U.S. Forest Service, Tahoe-Truckee Sanitation Agency, Truckee Sanitary District, and Truckee Donner Public Utilities District properties. The environmental analysis of the currently-proposed trail segment is tiered off of the Final EIR for the Town of Truckee Trails & Bikeways Master Plan consistent with CEQA guidelines. ESA also coordinated with Caltrans and prepared technical documents in support of a Categorical Exclusion (CE) for NEPA compliance.

ESA is currently preparing an IS/MND and a Caltrans Natural Environment Study (NES) for Phase 3B of the TRLT. ESA’s team of biologists conducted impact analysis of the trail and its’ associated span bridge on state and federally listed sensitive species associated with the Truckee River and Martis Creek including Lahontan cutthroat trout, willow flycatcher, and Sierra Nevada yellow-legged frog. The project also borders important historical artifacts and will need to address any impacts to these artifacts. ESA is also assisting the Town with the preparation of the 404, 401, and 1601 permit applications.

Additional Team Experience

Our teaming partners also bring extensive experience working with the Oroville community on similar river and community planning projects.

Melton Design Group

Melton Design Group has collaborated with the City of Oroville, Downtown Business' and the FRPPD and have the improvements to show for it. Their staff is especially familiar with the greater Oroville community, potential improvements along the Feather River and the agencies associated with improvements.

They are also active in the private development community of Oroville and are able provide a big picture view of the recreation, commercial and residential opportunities available to the community as it relates to this unique natural resource.

Oroville Exposition Center

Melton Design Group designed a plaza, river access and overlook for a proposed renovation of the old City of Oroville Municipal Center, recently considered to be renewed as an Exposition Center. Services include a hand drawn color rendering of the site in section and plan view, March 2012.

Oroville Aquatic Center

Melton Design Group is in the process of developing a feasibility study for an Aquatic Center at the North Forebay in Oroville. The study includes a public outreach process, the preliminary design of three alternatives and estimated cost of construction.

The Aquatic Center Plan may potentially include a community center, competition pools, open space picnic areas, playgrounds and recreation pools. Support facilities such as miniature golf and a go-cart racing track have also been considered.

Riverbend Park, Oroville CA

Services include a Site Master Plan for this 120 acre riverside park in 2003 and 2004 production of construction documents, management of grant

funding, state and federal permits and construction administration for phase one and two of the park.

The two phases cover approximately 36 acres and include two roundabouts, a boat launch, group picnic areas, water play area, boulder climbing play structures, a disc golf course, handicap accessible paths along the river and three multi-use sports fields.

Nature Center Trail

Melton Design Group is providing lead consultant services to upgrade an existing foot trail to an 8' wide accessible bike path along the Feather River. The trail will connect a missing accessible link along the 40 mile Brad Freeman Trail between Veterans Memorial Park and the Nature Center.

Services for the project include construction documents, estimated cost of construction and environmental permits. Preliminary drawings are under way and MDG has met with the Feather River Recreation and Park District, the City of Oroville and the California Department of Parks and Recreation to help facilitate a joint effort in building the trail.

Butte County Veterans Memorial Park

In 2004, Greg Melton developed a Feasibility Study for the County of Butte to determine if it was possible to construction a Veterans Memorial Park on three parcels located next to the Feather River on Montgomery Street in Oroville.

Services for the Veterans of Butte County include a Site Master Plan, 3D Color Renderings, a Marketing Packet to solicit funding and work with NorthStar Engineers to provide County Permits and Construction Documents.

The design includes a plaza that overlooks the Feather River, retaining walls, connection to the

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river trail system, restrooms, parking and a plaza style park with memorial monuments.

Feather River Recreation and Park District 2020 Master Plan

The Feather River Recreation and Park District boundary includes the City of Oroville and eleven surrounding communities, encompassing 735 square miles. Services for the project include:

- Reassess a 2006 Inventory Analysis
- Correlate with City and County General Plans
- Identify opportunities for consistency and interagency cooperation
- Document the District's current recreation setting including a list of all State, Federal, City, County, School and community facilities
- Identify opportunities for partnerships with existing facilities and special interest groups
- Identify sites for future development or acquisition
- Establish park planning criteria and standards
- Recommend specific funding methods

Establish a "Level of Service" for the District's existing guidelines related to Architecture, Community Design, Streetscapes and pedestrian and bicycle connections. Adopted April 2011, the document has proven to be a great success.



Feather River Salmon Preservoir

The primary elements in the project include a Fisheries Preserve and Habitat, a White Water Aquatic Element, an Educational and Research

Facility, and attractions for Tourism, Commercial and Retail support elements.

Key characteristics of the project are its reinforcement of the positive qualities of the site's surrounding natural environment, its alignment with the City of Oroville Waterfront Master Plan and many of the FERC licensing agreement requirements. Several public and private stakeholders have reviewed the project parameters and are excited at the opportunity to move forward with seeing it come to fruition.

Land Economics Consultants

San Joaquin River Parkway Master Plan Update

The San Joaquin River Conservancy was created by the California Legislature in 1992 to develop and manage the San Joaquin River Parkway, a planned 22-mile natural area and wildlife corridor, with interconnected trails, recreation and outdoor education features. A series of bonds have provided the majority of funding for land acquisition and capital projects for the development of the Parkway. The ongoing funding problem, however, is that secure resources for comprehensive and long-term operation and maintenance (O & M) of the Parkway have never been identified. The original plan was that the entire Parkway would eventually be operated and maintained as a single entity, perhaps becoming a unit of State Parks. Over the last decade or so, it has become clear that there are a variety of problems with a single operating entity managing a river corridor as diverse as the San Joaquin River Parkway, and a more gradual and practical approach has evolved to handle the O & M needs of the Parkway, which is still a work in progress.

Among its current projects, the Conservancy is updating the San Joaquin River Parkway Master Plan with assistance from an interdisciplinary consulting team. A specialty subconsultant on this team, Land Economics Consultants, prepared a working paper to address the issue of ongoing O & M needs for the Parkway. The goal of this effort was to create a tool that helped the Conservancy and its planning team identify appropriate resources and strategies, prioritize specific projects within the river corridor, and inform implementation of the Master Plan.



Tasks conducted by Mr. Spickard of Land Economics Consultants included the following. The input of Conservancy staff and other members of the consulting team was obtained at the outset. Documents describing the formation and mission of the Conservancy, its current fiscal situation, and previous work addressing the need for O & M funding were all perused. A literature search was conducted including both broad guidelines for funding public environmentally-based programs and specific case studies. Interviews were also conducted with a variety of partner entities with interests in the Parkway, including other public agencies and private, non-profit organizations. Suggestions and lessons learned were analyzed, organized, and summarized in a report the client and team refers to as the Funding Toolbox

Section 4

Team and Individual Experience

The ESA team represents some of the foremost experts in master planning, hydrology, restoration, CEQA and permitting in California. We specifically selected our team members because of their engagement to date with the resources of the Feather River, and because of their ability to be responsive to the anticipated challenges and opportunities presented by the Feather River Master Plan. This Team Overview section introduces our Team, and describes the strong working relationships within our Team.

The ESA team will be “working in the weeds” to develop the Reach/Site Specific details of the Feather River Consolidated Master Plan. Eric Ginney and the ESA Team will elevate that effort to the “Consolidated Master Plan” level to facilitate the SBF Committee’s Policy-level conclusions.

Project Management Team

Our Project Management Team will be led by ESA’s Eric Ginney. As Project Director, Eric will ensure the team’s responsiveness to the project scope and schedule, and that resources are applied effectively to the assignment. He will also provide oversight, as well as technical quality assurance for all submitted work products. Eric has been involved with the Feather River and the DWR Oroville Facilities since 2004 when he was a contractor to the FERC, reviewing DWR’s license application. Since, he has supported DWR with Feather River

restoration- and management-related services as a geomorphologist and water resources specialist.

Eric Ginney will be the SBF Committee’s primary day-to-day contact and will be responsible for coordinating all major project-related activities including the preparation of the FRMP itself.

Mr. Ginney will be supported by Eric Zigas, ESA’s Strategic Advisor. Eric Zigas was selected for this role because of his history with the Oroville Facilities relicensing – specifically, his negotiation of the SBF as an Appendix B item in the Settlement Agreement, and his continued involvement in Feather River planning activities. His tenure and past roles will provide Mr. Ginney with a unique depth of knowledge and history from which to formulate the FRMP.

ESA’s Project Management Team will be supported by Key Staff from Melton Design Group, and a fully integrated team of technical specialists who provide the specific expertise necessary to address key issues identified for this project, including planning, recreation, environmental, hydrology and restoration design. The ESA team will function seamlessly, given our large collection of in-house services, and technical support network of more than 300 environmental planners and scientists.

Within this section we present brief biographies of our Project Management Team and Key Staff

4 | Team and Individual Experience

personnel. We also highlight the relevant project experience of the ESA team.

Eric Ginney

Project Director



Eric Ginney is a water resources expert with an emphasis in fluvial geomorphology and has served as Project Director on numerous water resources planning assignments over the past 21

years. He specializes in complex water resources management projects, floodplain and river management, and river ecology. Eric leads ESA's Floodplain Restoration Program. His technical (non-management) skills maintain a particular emphasis on restoration of instream and floodplain salmonid habitat and ecosystem dynamics in conjunction with multi-objective flood management, especially in the Sacramento Valley. Prior to joining ESA, Eric worked as a contractor to FERC, and in this capacity reviewed DWR's Oroville Facilities FERC license application, prepared the draft NEPA analysis, and completed all site visits and public hearings. He has worked with Greg and Shawn (then at Land Image) on developing concepts, designs and building the restored floodplain and channel at Verbena Fields, a passive park in Chico's Lindo Channel greenway area. For DWR, and on the Feather River, Eric led ESA's efforts to develop restoration concepts and designs for floodplain restoration in the Oroville Wildlife Area, associated with DWR's potential FERC license compliance preparation efforts. A key strategic element that Eric brings to the FRMP will be to lead the natural resources assessment and characterization efforts—stitching together opportunities for the SBF Committee, DWR, and other stakeholders to cooperatively develop

projects in and along the Feather River that are truly greater than the sum of their parts.

Projects of Similar Size and Scope:

- Oroville FERC License Compliance – Floodplain and Riparian Restoration Planning, Oroville, CA
- Feather River Levee Setback Project, Three Rivers Levee Improvement Authority (TRLIA), Marysville, CA
- Verbena Fields – Floodplain and Channel Restoration in a Passive Park. City of Chico, Butte County, CA (*Partnered with Melton Design Group staff*)

Eric Zigas

Strategic Advisor



Eric Zigas is a geographer/planner. He has directed the analyses of natural resource parameters for right-of-way studies, river corridor studies

and recreational developments, and he has prepared a considerable amount of environmental documentation to meet FERC, CEQA and NEPA requirements. Eric participated in developing the Downtown Oroville Waterfront Redevelopment Concept Plan, and converted the description of the public open spaces into Protection, Mitigation and Enhancement Measures (PM&Es), which were submitted to DWR for consideration in the Oroville Facilities relicensing process. Eric continued to represent the City of Oroville's recreation/redevelopment interests in the collaborative process and Eric was ultimately the Primary Negotiator for the City in the development of the multi-party Settlement Agreement. He positioned the City in the negotiation process with the State Water Contractors and the DWR that

resulted in the development of the Supplemental Benefit Fund. Eric also managed the preparation of a comprehensive System Inventory and Conditions Report for the FRRPD, which documents baseline conditions and provided the District with a starting point for the development of master plans for their community parks, the Feather River corridor and recreational programming services. Most recently, Eric facilitated a day-long workshop with the SBF Committee, to develop Goals and Objectives for the Feather River Master Plan.

Projects of Similar Size and Scope:

- Supplemental Benefits Fund Committee Goal Setting Workshop Facilitation, Oroville, CA
- Oroville Waterfront Redevelopment Concept Plan and PM&E Measures
- Feather River Recreation and Park District Phase 1 Master Plan Update

Key Staff

To meet the SBF Committee’s objectives, ESA has assembled a well-balanced, creative and experienced team to guide the FRMP. Our team has a wide variety of experience in the City of Oroville and surrounding communities, and a long history of working with City staff, the SBF Committee, and other stakeholders in the region. We understand the environmental, political, and social issues faced by the region. Our local and other relevant experience provides collective evidence of our Team’s ability to provide top-level planning services and environmental documentation, and demonstrates our established relationships with local agencies, and our ability to partner with clients outside our immediate region. The expertise, extensive experience and commitment of our key personnel are highlighted on the following pages.

Greg Melton, RLA LEED AP - Principal Landscape Architect

Responsibilities: Analyze, describe and document urban and recreation aspects of plan.



Greg Melton has been planning and designing north state open spaces for over 25 years, providing many clients, municipalities and agencies with successful design, planning and

restoration services. One of Greg’s most valued assets is his ability to see and help clients understand the big picture; the understanding and interaction of project elements, their relationship to stakeholders and the natural environment.

Mr. Melton is able to translate these aspects into a physical and visual experience that represents the interaction of all consultants, the site and primary needs makes understanding of the project simple and easy for all clients, agencies and users.

Recent project experience includes a feasibility study for the Oroville Aquatic Center Shauna Downs a 9- acre wetland mitigation bank in Butte County.

Over the past ten years, Mr. Melton has also been an interim instructor at the CSU Chico Recreation Department and is currently an instructor of irrigation and landscape design at Butte Community College. He has taught the Facility Maintenance and Operations course along with a Sustainable Design in Irrigation class.

Projects of Similar Size and Scope:

- Oroville Aquatic Center
- Oroville Waterfront Concept Plan & General Plan Amendment – Local Landscape Architect
- Oroville Exposition Center – Plaza and Waterfront Site Plan

4 | Team and Individual Experience

- Feather River Recreation and Park District 2020 Master Plan
- Riverbend Park, Oroville CA – River Trail System and Riparian Corridor Restoration
- Feather River – Nature Center Trail Construction Documents
- Butte County Veterans Memorial Park – Feasibility Study and Construction Documents
- River Village – Mixed Use Development on the Feather River – Site Master Plan
- River Ranch – Equestrian Event Center on the Feather River – Site Master Plan
- Linkside / Table Mountain, Oroville CA - Wetland Mitigation Bank

Shawn Rohrbacker, NRLA

Responsibilities: Manage production of urban and recreation aspects of plan.



Shawn Rohrbacker has worked in the field of landscape architecture for over 15 years and is one of the firm's lead project managers for large scale restoration projects.

He has served as project manager on numerous projects, including wetland mitigation banks and the restoration of creeks, floodplains, oak woodlands and grasslands.

Shawn provides the full spectrum of project services from site design to construction drawings, specifications, contract documents and construction administration. He has also become our resident expert in managing projects through state and federal agency permits and grant administration.

Working with ESA and Eric Ginney, Mr. Rohrbacker is in the process of managing construction document and permitting for the Feather River

Nature Center Trail and a Community Park that doubles as a flood control basin in Live Oak. Both projects are successful collaborations between agencies that benefit one another.

Projects of Similar Size and Scope:

- Riverbend Park Construction Documents and Environmental Permits
- Veterans Memorial Park Construction Documents, Oroville CA
- Nelson Soccer Complex Construction Drawings and On Site Wetland Mitigation
- Feather River – Nature Center Trail Construction Documents
- Feather River Boulevard Revitalization Plan

Steve Spickard

Responsibilities: Analysis of the economics of recreation and land use



Mr. Spickard has conducted over 400 successful consulting assignments in his 30+ year consulting practice specializing in land use economics and planning.

Much of this work has taken place in sensitive waterfront settings. The analyses he has completed cover this broad field, from planning and evaluation of public outdoor recreation opportunities to the economic feasibility of waterfront commercial development. Mr. Spickard encourages the trend towards providing recreation opportunities through public/private partnerships in order to infuse private capital into recreation and generate revenues for fiscally constrained public providers.

Steve's role on the Oroville Feather River Master Plan will be to provide optional economic analyses

into the benefits of specific plan elements and component PM&E projects.

Projects of Similar Size and Scope:

- Oroville Waterfront Redevelopment Concept Plan – (Working alongside ESA as part of an interdisciplinary team in 2003) economic development potential of protection, mitigation and enhancement measures (PM&Es).
- Merced River Plan – (Working as a subconsultant to ESA) socioeconomic impact sections of the EIS focused on Yosemite National Park for the National Park Service in 2012.
- San Joaquin River Parkway – For the San Joaquin River Conservancy in 2012, funding for ongoing operating and maintenance expenses for public lands within the river parkway.
- San Antonio Riverwalk -- For the San Antonio River Authority, economic and real estate development potential of extending the world-famous River Walk with pedestrian, bikeway, and watercraft routes both north and south into urban and more rural settings.
- Portland Riverfront Park -- For the City of Portland, Oregon, the feasibility of developing six “public attractors,” to be run by private entities, on public lands along the linear Eastbank Riverfront Park through the center of the city to enliven the recreational use of the park.
- Great Spokane River Gorge -- In Spokane, Washington, real estate economist on an interdisciplinary team planning a series of bike paths, trails, and walkways linking the urban fabric of the city with the river in its center.

Section 5

Fee Schedule

We understand that a budget range of \$50,000 to \$75,000 has been allocated for development of the FRMP. Accordingly, we have developed our approach and accompanying budget estimate, based on that understanding. Importantly, our approach includes completion of the CEQA checklist and examination of critical regulatory aspects of the Plan, as well as a review of the economic benefits of the FRMP. Both of these added services are included in our cost estimate, which we estimate at \$68,950. We look forward to completing a kickoff meeting to review our approach and finalize a scope and budget.

Below, we have included hourly rates for our key staff, as identified in this proposal.

Table 1: Hourly Rates for Key Staff

Employee	Role	Hourly Billing Rate
Eric Ginney	Project Director	\$205
Greg Melton	Principal Landscape Architect	\$125
Shawn Rohrbacker	Landscape Architect	\$95
Eric Zigas	Strategic Advisor	\$205
Steven Spickard	Recreation Economist	\$175
	Support Staff (ESA)	\$75
	Support Staff (MDG)	\$65

Table 2: Printing/Reproduction Rates

Item Rate/page	Item Rate/page
8 1/2 x 11 b/w \$0.05	8 1/2 x 11 b/w \$0.05
11 x 17 b/w \$0.10	11 x 17 b/w \$0.10
8 1/2 x 11 color \$1.00	8 1/2 x 11 color \$1.00
11 x 17 color \$1.50	11 x 17 color \$1.50
Covers \$0.50	Covers \$0.50
Binding \$1.00	Binding \$1.00
HP Plotter \$25.00	HP Plotter \$25.00
CD \$10.00	CD \$10.00
Digital Photography \$20.00 (up to 50 images)	Digital Photography \$20.00 (up to 50 images)

June 30, 2015 | Proposal for Services



Feather River Consolidated Master Plan

for the City of Oroville



June 29, 2015

Bob Marciniak, SBF Program Specialist
City of Oroville
1735 Montgomery Street
Oroville, CA 95965

Re: Proposal to Prepare the Feather River Consolidated Master Plan

Dear Bob:

Please accept the attached submittal as PlaceWorks' proposal to prepare the Feather River Consolidated Master Plan for the City of Oroville. The Feather River is one of Oroville's greatest assets, and we are excited for the opportunity to prepare a Master Plan that will function as a foundation and framework for the future of the river corridor and Downtown Oroville. This area has a tremendous opportunity to become an even greater recreation and economic hub for both the local community and a destination for people in the region and throughout the state. Many agencies have already started preparing plans and undertaking projects toward those goals. We applaud the City and the Supplemental Benefits Fund (SBF) Steering Committee for your foresight in identifying the need for this Consolidated Master Plan to maximize the benefits of the significant resources that are, and will be, allocated for improvements in this area.

PlaceWorks is all about places and how they work geographically, environmentally, functionally, aesthetically, and culturally. We are also highly dedicated to providing excellent service to our clients. We offer a comprehensive range of planning, design, and community engagement services, and we have significant experience in the Oroville area, including preparing some of the plans that will be consolidated by the Master Plan. We are very excited about the prospect of working with you on this project and have assembled a qualified team to achieve the City's objectives, using the same core Principal-in-Charge and Project Manager team that helped the City to successfully complete the recent Sustainable Code Update project.

This proposal is valid for a period of 120 days. Please do not hesitate to contact me if you need more information. We look forward to the prospect of working with you on this exciting project.

Sincerely,
PLACEWORKS

A handwritten signature in black ink, appearing to read "C Knox".

Charlie Knox, AICP
Principal

June 30, 2015
Proposal for Services
Submitted By:

PlaceWorks
1625 Shattuck Avenue, Suite 300
Berkeley, California 94709
510.848.3815
510.848.4315 (f)

Feather River Consolidated Master Plan

for the City of Oroville

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APPENDIX

Certification Form
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CHAPTER 1: PROJECT UNDERSTANDING

The Feather River is one of Oroville’s greatest assets, and it has played a fundamental role in shaping the city’s land use, economic, social, and cultural systems since long before Oroville was incorporated as a city. Although the Feather River and its amenities still play a vital role in the region’s economy and attract recreationalists from both near and far, there is much more that can be done to realize the potential benefits of this asset. A major catalyst for the community to fully capitalize on the river’s potential is the Supplemental Benefits Fund (SBF), an endowment to the region from the California Department of Water Resources and State Water Contractors resulting from the Settlement Agreement for the relicensing of Lake Oroville. The SBF is tasked with “reconnecting the beauty and diversity of the Feather River with the community” by providing recreational opportunities and economic benefits that enhance the region’s quality of life. The SBF has already funded plans and projects along the Feather River corridor that support this vision. In addition, the City of Oroville, Butte County, Feather River Recreation and Park District, and other agencies have secured funds from other sources to promote similar goals.

While this level of planning and attention has benefited the region, navigating the many documents that regulate, provide planning guidance, and identify improvement projects for the Feather River corridor presents a challenge. Therefore, the City of Oroville, acting as Fund Administrator for the SBF, is requesting consultant support to prepare the Feather River Consolidated Master Plan, which will serve as an “umbrella” for these other planning documents, providing a consolidated reference guide for development in the region, and ensuring that the intent of the Settlement Agreement is upheld.

KEY ISSUES

Based on our careful review of the RFP, our familiarity with the Feather River, Downtown Oroville and the greater Oroville area, and our experience with similar projects, we believe the Master Plan will need to address the following key issues:

Uphold the Settlement Agreement

The Settlement Agreement for the relicensing of Lake Oroville is the result of extensive coordination among more than a thousand stakeholders representing federal, State, and local agencies, the public, and Native American tribes. The previous Federal Energy Regulatory Commission (FERC) license to operate the Oroville hydroelectric facilities expired in 2007; the Settlement Agreement applies to a new 50-year license for the Oroville facilities, and calls for actions to benefit environmental, recreational, cultural, land use, and engineering operations and resources. The Settlement Agreement also has led to a Recreation Management Plan that guides and facilitates the management of water-based recreation resources within the FERC project boundary. At its core, the

Feather River Consolidated Master Plan must uphold the spirit and intent of the Settlement Agreement to mitigate the impacts to the community from the construction of the Oroville Dam.

Coordinate with Agency Partners

The Master Plan will require coordination with a number of agencies, including Butte County, Feather River Recreation and Park District, California Department of Water Resources, California Department of Fish and Wildlife, California Department of Parks and Recreation, State Water Contractors, and the US Army Corps of Engineers. The City and PlaceWorks will need to engage these agencies throughout the Master Plan process to obtain stakeholder input, determine potential conflicts, and identify ways to overcome potential barriers.

Create a Comprehensive Reference Plan

There are many stand-alone documents that regulate, plan for, and propose development, recreation, and infrastructure projects along the Feather River. The Master Plan will need to consolidate these various planning documents into an easily-referenced guide for future decisions by the City/SBF and other agencies with an interest in the Plan Area to ensure that development and improvements occur in a strategic manner that benefits the community and supports the intent of the Settlement Agreement. To do this, a main task for the Master Plan will be to identify conflicts, overlaps, and gaps between projects and plans along the Feather River, and craft strategies and solutions to address them.

PLACEWORKS APPROACH

Our approach includes the following specific components to respond to the key issues for this project:

Prepare a Plan that Meets Multiple Agency Goals

As evident in the RFP for this project, there are many agencies with an interest in the low flow channel of the Feather River, and there are many planning documents to achieve the goals of these agencies. PlaceWorks will work with the City, partner agencies, and the community to find shared goals that will frame the Master Plan and uphold the intent of the Settlement Agreement. As part of our review of the planning documents that will be consolidated by the Master Plan, PlaceWorks will identify common aspects of each plan's vision and goals. Coupled with City staff, agency, and community input, PlaceWorks will craft a consolidated vision statement, Plan mission, goals, and objectives that are aligned with the many interests involved in this section of the river.

Listen to the Community

PlaceWorks is committed to listening to and understanding the voices of the local community. The people who live, work, and own property and businesses along and near the river are most affected by the decisions of the City and other agencies regarding development, recreation, and infrastructure projects in this area. Therefore, it is vital that they have a role in shaping the future of this corridor. We have designed a meeting that will fully incorporate the community's voice into the project by offering multiple methods of input. We will use an open house format with stations developed and staffed by agency representatives to directly inform the community and answer questions. Community members will provide input at individual stations on specific plans, while also engaging with each other in both smaller and large group discussions that will focus on strategies to address conflicts, overlaps, and gaps among the various planning documents that will be consolidated by the Master Plan. Following this initial meeting, we will invite additional community input at SBF Steering Committee meetings regarding the Draft Master Plan. Of course, we are also open to refining the outreach program in consultation with staff and the SBF Steering Committee.

Create a Clear and Usable Document

PlaceWorks' planning documents are regularly recognized for their clarity and usability. Our commitment to clear communication has enabled us to prepare a variety of documents that are concise, understandable, and engaging. The Feather River Consolidated Master Plan is intended to serve as an umbrella for a variety of planning documents and provide a single reference guide. To support this function, PlaceWorks will provide clear and concise text and use our graphics, mapping, and formatting capabilities to create a document that is attractive and easy to understand and use.

KEY STRENGTHS

PlaceWorks brings the following key strengths to the Master Plan:

Local Familiarity

PlaceWorks is very familiar with the Oroville area, having been the lead consultant for the City's comprehensive *General Plan Update* and the recent *Sustainable Code Update*, which included targeted amendments to the General Plan and Municipal Code, a new chapter on low-impact and resource-efficient design in the Design Guidelines, the Climate Action Plan, and the Balanced Mode Circulation Plan. In addition, PlaceWorks is currently serving as the consultant for the *Oroville Area Urban Greening Plan*, a joint effort by Butte County, the City, and the Feather River Recreation and Park District, and PlaceWorks is part of the consultant team for the *Butte Regional Conservation Plan EIR/EIS*. For the Feather River Consolidated Master Plan, Charlie Knox and Tanya Sundberg are proposed to assume the same roles from the Oroville Sustainable Code Update as Principal-in-Charge and Project Manager, respectively. Tanya also is serving as the Project Manager for the Oroville Area Urban Greening Plan and for PlaceWorks' role in the Butte Regional Conservation Plan EIR/EIS. Charlie and Tanya will use their

combined knowledge of Oroville’s key issues and opportunities and the various planning documents that affect development along the Feather River corridor to craft a Master Plan that serves the needs of the City/SBF, the other agencies with an interest in the Plan Area, and the community.

Proven Success with River-Oriented Plans

River-focused planning is a complex process that requires an understanding of river ecology and natural systems, floodplains and flood control, and river-oriented land use and recreation. It also requires coordination with the many agencies that regulate or oversee aspects of the river system. PlaceWorks has a solid understanding of these issues and experience working with these agencies through other successful river-oriented plans. Through our work on the *Napa River Flood Control Project EIS and EIR*, *Trancas Crossing Park*, and *Napa River Trail*, we worked at a technical level with the local flood control district and US Army Corps of Engineers to prepare an EIS/EIR on a flood protection project that was based on a “Living River” concept. We also designed interpretive signs, a new park, and a trail to promote education and recreation. The subject section of the Napa River is now an environmental refuge that also provides a great recreational asset for the community. In Madera and Fresno Counties, we prepared the *San Joaquin River Parkway Master Plan Update*, which integrates natural resource management planning with traditional park planning to realize the Parkway’s potential as a continuous, integrated system of habitats and public use.

Strong Project Management

PlaceWorks has a proven track record in meeting project schedules, managing tight budgets, and coordinating closely with clients. We are experienced at managing complex multi-disciplinary project teams. PlaceWorks has the capacity to ensure that client needs are addressed promptly and efficiently, and we have strict controls in place to ensure high-quality, on-schedule performance. Over years of project management, PlaceWorks has developed many tools to keep projects on schedule and ensure high quality:

- For each project, PlaceWorks maintains an up-to-date schedule to make all team members aware of upcoming meetings and product due dates.
- We stay in close contact with client staff.
- We document important decisions about the project in writing, which ensures that decisions are understood by all team members.
- PlaceWorks schedules deliverables to ensure that agency staff has adequate time for review.

CHAPTER 2: TEAM QUALIFICATIONS

This chapter provides an overview of PlaceWorks' qualifications, as well as the experience of key personnel that will be assigned to the project.

Additional qualifications, such as information on education, training, certifications, and awards, are found in the resumes of each of the key staff identified below, which are included in the appendix at the end of this proposal. Additional materials are available upon request.

PLACEWORKS

PlaceWorks is one of the West's preeminent planning and design firms, with approximately 110 employees in six offices. Formerly known as The Planning Center|DC&E, PlaceWorks' history dates back 40 years. The Planning Center, established in 1975, was created with the intent to integrate individual design disciplines and work efforts into a greater whole. Similarly, Design, Community & Environment (DC&E) was founded nearly 20 years ago to offer high-quality, personalized, and comprehensive planning, design, and environmental review services. In 2011, these two highly respected planning and design firms merged, forming a company with an expanded set of disciplines and strengths.

PlaceWorks serves both public- and private-sector clients throughout the state in the fields of comprehensive planning, environmental review, urban design, landscape architecture, community outreach, and Geographic Information Systems (GIS). Our talented, multidisciplinary team thrives on working with communities to tackle complex problems and develop workable solutions.

PlaceWorks is all about places and how they work geographically, environmentally, functionally, aesthetically, and culturally. We are also passionate about how we work with our clients. PlaceWorks brings together people from diverse practice areas, offering best-of-all-worlds capability and connectivity. Just as each place we work on is distinctly different, so is our thinking.

For the Feather River Consolidated Master Plan for the City of Oroville, PlaceWorks will oversee all aspects of the project and ensure its successful and timely completion.

PLACEWORKS

1625 SHATTUCK AVENUE, SUITE 300

BERKELEY, CA 94709

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Relevant Projects

Oroville General Plan and Development Code Update for the City of Oroville. PlaceWorks updated the General Plan and Development Code for the City of Oroville, which was under strong growth pressure from housing markets to the north and south. The project created an appropriate land supply to respond to market demands, potential annexations, and sphere changes, while also addressing economic development and affordable housing. PlaceWorks also conducted extensive outreach to the local Spanish and Hmong speaking communities, and prepared a full EIR. In order to address Oroville's immediate need for development regulations to ensure that new development makes a positive contribution to community design and character, PlaceWorks also updated the City's Development Code as part of the project.

Oroville Sustainable Code Update and Climate Action Plan for the City of Oroville. The City of Oroville has experienced significant population growth since 2000, and is projected to continue this trend, in part due to the city's proximity to Chico and Sacramento, as well as its many amenities, including small-town charm, an historic downtown, and access to open space and recreational opportunities. In order to plan properly for this anticipated growth and to best utilize Oroville's supply of land, PlaceWorks will prepare General Plan and Zoning Ordinance amendments that efficiently utilize the City's existing resources and enhance the quality of life for Oroville residents. Through the General Plan Amendment, PlaceWorks will review and revise mixed-use designations in outlying areas to focus intense development in the urban core; calibrate land use designations to reflect the character of existing neighborhoods; develop policies to support complete streets and walkability; create a new Economic Development Element; and conduct other revisions to reflect current State statutes. Through the Zoning Ordinance Amendment, PlaceWorks will develop concepts, designations, and incentives to promote mixed-use development; craft a form-based code for the Downtown; develop incentives to revitalize blighted and vacant properties; promote a variety of housing choices; promote public safety using Crime Prevention Through Environmental Design (CPTED) concepts; streamline the permitting process for solar facilities; provide incentives for urban agriculture; and update park provision standards. PlaceWorks, in collaboration with ICF International, will also prepare a Climate Action Plan to respond to State legislation, and create a greenhouse gas (GHG) reduction strategy that could serve as a model for other rural communities. Finally, PlaceWorks will prepare an EIR to assess the environmental impacts of the General Plan Amendment, Zoning Ordinance Amendment, and Climate Action Plan.

Oroville Urban Area Master Greening Plan for Butte County. PlaceWorks is preparing the Strategic Growth Council-funded Master Greening Plan for the Oroville Urban Area, a 41-square-mile area that includes lands within and surrounding the City of Oroville. The Master Greening Plan will provide a vision for greening and enhancing quality of life for the Oroville Urban Area through improved community amenities like green spaces, connections to green spaces, access to affordable and fresh food, beautification of blighted areas, and stormwater management. Specific components of the Master Greening Plan will include a comprehensive map of greening opportunity sites, such as sites for pedestrian- and bicycle-system greening, low-impact stormwater management and environmental restoration sites, parks and open space greening, community gardens, and vacant lot opportunities. To ensure that the Plan is community-led, the PlaceWorks will design and implement a community participation process that will



include walking tours of greening opportunity sites, community workshops, and stakeholder interviews.

General Plan Update, Zoning Ordinance Update, Greenhouse Gas Analysis, and EIR for Butte County. Butte County encompasses some 1,670 square miles with three distinct regions, each with its own land use and development issues. The County is facing strong growth pressure as the housing market becomes more constrained. PlaceWorks helped the County develop creative policies to safeguard quality of life and natural resources while accommodating future development. The General Plan process also helped the County to build consensus with the incorporated municipalities in Butte County on issues such as city-focused growth versus rural sprawl; provision of quality services and adequate infrastructure; creation of physical links through regional transportation planning; and preservation of valued open space and agricultural resources. PlaceWorks also helped the County identify strategies to improve public health by encouraging walking and bicycling, enhancing pedestrian and bicycle safety, and decreasing air pollution. The General Plan Update was based on extensive public input drawn from a Citizens' Advisory Committee, a series of public workshops, and study sessions with the Planning Commission and Board of Supervisors. As part of the General Plan EIR, PlaceWorks prepared an inventory of existing GHG emissions and a forecast of future GHG emissions from transportation; electricity and natural gas consumption related to new residential, commercial, and industrial development; stationary sources; waste; and agricultural vehicles and equipment. The County adopted the General Plan in October 2010, and the plan has since won the 2011 Sacramento Valley Section APA Award for Outstanding Comprehensive Planning for a small jurisdiction.



Butte County Solar Overlay Zone and EIR for Butte County. To meet long-term State GHG emission reduction targets, California's Governor has called for 20,000 megawatts of energy to be provided from alternative energy installations, which could require up to 100,000 acres of land. Relatively flat open spaces with good sun exposure, such as much of the valley lands in Butte County, can provide ideal locations for utility-scale solar arrays. However, there are significant environmental, agricultural, economic, and social concerns that must be considered when siting these large facilities. Through the Solar Overlay Zone, PlaceWorks will help Butte County identify optimum sites for large-scale solar facilities, while recognizing the growing importance of the carbon benefits of Butte County's natural and working lands and their central role in resiliency and sustainability. At the northern end of the Central Valley, Butte County has 250,000 acres of important farmland and almost an equal amount of State and federal recreational land. To protect and preserve agricultural lands and open space, the overlay will exclude important farmland and open space with critical resources. The overlay will also take into account heightened wildfire and flood risks as a result of climate change. Ultimately, the overlay will enable the County to expedite permitting processes for renewable energy in locations that the community has identified as appropriate for these types of facilities, supporting statewide and local GHG emissions reduction goals, the local green economy, and a diversified and flexible modern energy system while preserving environmental and agricultural resources and quality of life. Most importantly, the overlay will serve as a vehicle to engage, educate, and learn from the public about the context for and tradeoffs with the promotion of solar energy in Butte County.

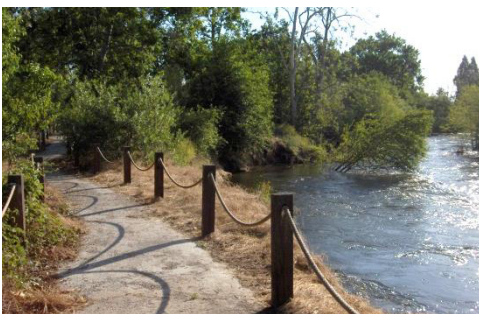
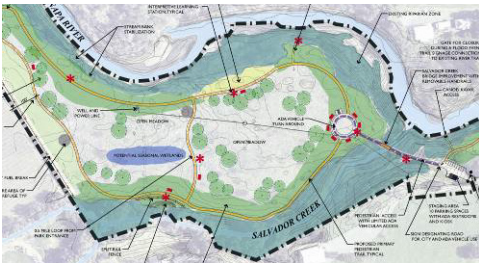


Butte Regional Conservation Plan EIR/EIS for the Butte County Association of Governments (BCAG) as a subconsultant to Jones & Stokes Associates, Inc. (now ICF International). The Butte Regional Conservation Plan is a Habitat Conservation Plan



(HCP)/Natural Communities Conservation Plan (NCCP) for over 500,000 acres in western Butte County, and the result of a regional conservation planning effort conducted by BCAG; Butte County; the Cities of Biggs, Chico, Gridley, and Oroville; the Western Canal Water District; and Caltrans District 3. The Plan provides for the protection and conservation of the region’s endangered, threatened, and rare species and natural communities, while allowing for appropriate development and growth. PlaceWorks assisted Jones & Stokes Associates, Inc. with the development of the Environmental Impact Report (EIR) and Environmental Impact Statement (EIS) pursuant to the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). Specifically, PlaceWorks capitalized on past work in Butte County to advise Jones & Stokes Associates, Inc. on existing data sources and documents, and prepared the land use planning and consistency analysis for the EIR/EIS.

Napa River Project for various agencies. PlaceWorks completed the *Napa River Flood Control Project EIS and EIR* for the Napa County Flood Control and Water Conservation District and the US Army Corps of Engineers, and the *Trancas Crossing Park and Napa River Trail* for the City of Napa. Our team worked with the Napa County Flood Control and Water Conservation District and the US Army Corps of Engineers to prepare the EIS/EIR on this \$160 million project to provide 100-year flood protection to city residents. The flood control project utilized an innovative “Living River” strategy that preserved the river’s natural flow patterns and biotic regimes. In addition to preparing the EIS and EIR for the project, PlaceWorks designed a series of interpretive signs for the flood protection project that convey the strategies implemented by the project, and also convey the ecology and history of the Napa River area. The signs are strategically placed at key viewing areas and heavily visited sites along the river, bringing the story of the living river to life. PlaceWorks also worked with the City of Napa to develop a new park and trail at the historic Trancas Crossing site. With a strong community design process, PlaceWorks developed a recreational amenity while also protecting sensitive biological resources. Trancas Crossing Park is now an environmental refuge along the Napa River, preserving and enhancing existing habitat, while providing passive recreational opportunities. PlaceWorks based the design for this floodplain site on a strong understanding of the site’s geomorphology and hydrology so as to maintain the rich natural environment and respect environmental processes.



San Joaquin River Parkway Master Plan Update & EIR for the San Joaquin River Conservancy. A 23-mile-long regional greenspace and wildlife corridor along both sides of the San Joaquin River, the San Joaquin River Parkway straddles Madera and Fresno Counties, extending from the Friant Dam to Highway 99, and includes an interconnected trail system and recreational and educational features. PlaceWorks assisted the San Joaquin River Conservancy in preparing a Master Plan Update that integrates natural resource management planning with traditional park planning to fully realize the Parkway’s potential as a continuous, integrated system of habitats and public use. The Master Plan Update includes provisions aimed to increase the corridor’s biological diversity and its utilization for outdoor recreation, and it also includes an Environmental Impact Report that provides a legal foundation for future Parkway projects.

Key Staff

Charlie Knox, AICP, Principal, will serve as Principal-in-Charge of the General Plan Update and will ensure that all products are produced on time, on budget, and meet the highest standards of quality. Additionally, he will facilitate public workshops and hearings, SBF

Steering Committee working sessions, and other critical meetings throughout the process. Mr. Knox has more than 25 years of experience in both public- and private-sector land use planning. Mr. Knox has a thorough understanding of how to manage and coordinate staff and consultant efforts to best serve his clients, including developers, municipal staff, citizens, City Council, and commissions. His expertise includes shepherding high-profile projects through the entitlement process, and he also specializes in developing sustainability and renewable energy initiatives and in securing funding for their implementation. Prior to joining PlaceWorks, Mr. Knox led the City of Benicia Public Works and Community Development Departments and used innovative leadership to provide superior customer service to residents despite resource constraints. He is currently serving as Principal-in-Charge for the *Oroville Sustainable Code Update and Climate Action Plan* for the City of Oroville, *ConnectMenlo: A General Plan and M-2 Area Zoning Update* for the City of Menlo Park, and *Propel Vallejo: An Integrated Revitalization Program and Comprehensive General Plan Update*, a major effort that includes thoughtful and innovative online engagement strategies. He works closely with his clients and the communities they serve to ensure satisfaction at key milestones throughout the planning process.

Tanya Sundberg, Senior Associate, will serve as Project Manager of the General Plan Update and EIR and will be responsible for the day-to-day management of the project, participating in workshops, attending all project meetings, as well as for maintaining regular contact with City and SBF staff and other consulting groups. With over 15 years of professional experience, Ms. Sundberg brings valuable planning experience through her work in both the public and private sector. She is an organized and detail-oriented project manager, produces high-quality documents, and maintains open and communicative working relationships with her clients. Ms. Sundberg's work at PlaceWorks has focused on General Plans, sustainability/climate action plans, and environmental review. She is currently the project manager for the *Vacaville General Plan Update and EIR*, including the Climate Action Plan; the *Oroville Sustainable Code Update and Climate Action Plan*; the *Oroville Area Urban Greening Plan*; the *Butte County Solar Overlay Zone and EIR*; and, as a subconsultant to ICF International, the *Butte Regional Conservation Plan EIR/EIS*. In addition, she recently completed the *Butte County General Plan Update and EIR*, the *Tracy Sustainability Action Plan*, the *Tracy General Plan Amendment and EIR*, which included a Municipal Service Review, and the *Los Gatos Sustainability Plan*. For all of these projects, Ms. Sundberg managed the plan, as well as its environmental review, thus facilitating the creation of self-mitigating plans and an efficient environmental review process. Ms. Sundberg has also used her extensive GIS experience in most of her comprehensive and environmental review projects, and in her work as the project manager for the *Trinity County GIS Economic Development Mapping Plan*.

Ms. Sundberg lives in and works out of Hayfork, California, located in the mountains of Trinity County. She currently serves as a public member on the Trinity Local Agency Formation Commission and as a board member for a Hayfork-based non-profit organization called the Watershed Center. Following the Watershed Center's recent purchase of one of the old mill sites in Hayfork, she is currently leading the development of a Master Plan for the industrial redevelopment of the site to spur job growth in Hayfork.

Mr. Knox and Ms. Sundberg will be assisted by PlaceWorks' team of planners and designers. All of PlaceWorks' planners and designers have sufficient staff resources and

the capability to perform work required for projects. With a staff of approximately 110 employees and six office locations, PlaceWorks is able to complete its work both efficiently and effectively.

CHAPTER 3:

SCOPE OF WORK

This chapter describes the scope of work to be completed by PlaceWorks for the Feather River Consolidated Master Plan. To facilitate review of this proposal, we have prepared a concise scope that highlights key components of our approach to this project.

We are flexible regarding the proposed scope of work and will be happy to refine it if needed, if and when we are fortunate enough to enter into a contract. We also recognize that it may be necessary to update the scope as the project progresses and will gladly do so to ensure the successful completion of the project.

A summary of the work program is presented in Table 1.

Task A. Project Initiation

In this task, PlaceWorks will begin the project, review background materials and plans, and prepare a basemap of the Plan Area.

1. Kick-Off Meeting and Area Tour

The PlaceWorks Principal-in-Charge and Project Manager will meet with City staff to begin the project; confirm the project goals, opportunities and constraints; and refine roles, responsibilities, and expectations for schedule, process, and work products. At this meeting, we will review existing background data and identify ways in which City staff and PlaceWorks can most effectively work together as a team. The meeting will provide an opportunity to fine-tune the work program if needed. We will also discuss our approach to coordinating with the various agencies that have an interest in this project. Finally, City staff and PlaceWorks will tour the Plan Area, focusing on features that will be subject to special attention in the Master Plan.

2. Collect and Review Background Information and Relevant Planning Documents

PlaceWorks, with the assistance of City staff, will gather and review important background documents, such as the Settlement Agreement for the relicensing of Lake Oroville. This task will include a review of planning documents that are relevant to the Plan Area, including those that will be considered and/or consolidated by the Master Plan. Preliminarily, this list includes the following planning documents, some of which identify specific projects in the Plan Area, while others provide guidance for how projects should be developed in the Plan Area and its region:

- City of Oroville Plans:
 - Waterfront Master Plan
 - Arts, Culture, and Entertainment District
 - Feather River Boulevard Revitalization Plan
 - 2030 General Plan
 - Municipal Code

TABLE 1 WORK PROGRAM SUMMARY

Task A: Project Initiation

- | | |
|--|--|
| 1. Kick-Off Meeting & Area Tour | 3. Assemble GIS Data & Prepare Basemap |
| 2. Collect & Review Background Information & Relevant Planning Documents | |

Task B: Plan Setting & Framework

- | | |
|---|-----------------------------|
| 1. Document & Map Existing Conditions | 4. Prepare a Framework Plan |
| 2. Compile Regulatory Framework | 5. Community Meeting |
| 3. Identify Potential Environmental Effects | |

Task C: Draft Master Plan

- | | |
|-------------------------------------|--------------------------------------|
| 1. Administrative Draft Master Plan | 3. SBF Steering Committee Meeting #1 |
| 2. Draft Master Plan | |

Task D: Final Master Plan

- | | |
|---------------------------------------|--------------------------------------|
| 1. Administrative Revised Master Plan | 3. SBF Steering Committee Meeting #2 |
| 2. Revised Master Plan | 4. Final Master Plan |

- Design Guidelines
- Urban Forest Management Plan
- Balanced Mode Circulation Plan
- Bicycle Transportation Plan
- Climate Action Plan
- Butte County Plans:
 - Rio d’Oro Specific Plan
 - Oroville Airport Master Plan
 - Airport Land Use Compatibility Plan
 - General Plan 2030
 - Municipal Code
 - Climate Action Plan
- State Plans:
 - Settlement Agreement Recreation Management Plan
 - Lake Oroville State Recreation Area General Plan
 - Oroville Wildlife Area Management Plan
- Feather River Recreation and Park District:
 - 2020 Park and Recreation Master Plan
- Joint Agency Plans:
 - Oroville Area Urban Greening Plan
 - Butte Regional Conservation Plan

3. Assemble GIS Data and Prepare Basemap

PlaceWorks will work with the City, County, and other sources (e.g., State agencies) to obtain relevant GIS data. PlaceWorks will produce maps in ArcView and export them in a PDF format. All maps will identify relevant jurisdictional boundaries (e.g., city limits and Sphere of Influence) and publicly owned lands within the Plan Area. After creating the

initial basemap, PlaceWorks will provide a copy to the City for review and approval prior to use for subsequent mapping work.

At the conclusion of the project, PlaceWorks will provide electronic files with all original data as well as project-specific data layers modified or created by PlaceWorks, along with pertinent metadata documentation.

Task B. Plan Setting and Framework

In this task, PlaceWorks will prepare initial drafts of components of the Master Plan that will function as its baseline, including existing conditions, pertinent regulations, and potential environmental effects associated with the projects envisioned by the planning documents that will be consolidated by the Master Plan. PlaceWorks will also prepare a framework for the Master Plan that highlights conflicts, overlaps, and gaps between projects and plans. PlaceWorks will submit these initial drafts to the City for review, and incorporate edits in the Administrative Draft Master Plan described in Task C.

Following this initial analysis, PlaceWorks will facilitate a community meeting in an open house format to present initial findings, hear feedback on what the Master Plan should address, and bring together representatives from the various agencies with an interest in the Plan Area.

1. Document and Map Existing Conditions

PlaceWorks will document the existing conditions in the Plan Area. This documentation will cover existing trails, walkways, bikeways, roadways, and infrastructure, as well as land use information, including vacant parcels and public lands. In addition, PlaceWorks will map planned and potential private and public development, recreation, and infrastructure projects that are identified in the various planning documents listed in Task A.2, including anticipated timeframes. PlaceWorks will provide this documentation in both text and maps, including a composite graphic showing how various conditions on the ground relate to each other.

2. Compile Regulatory Framework

PlaceWorks will identify the regulations that apply to private and public development, recreation, and infrastructure projects within the Plan Area. The regulatory framework will describe the pertinent regulations included in the planning documents identified in Task A.2, as well as other regulations that, while not geographically specific to the Plan Area, generally affect these types of projects, such as federal and State regulations pertaining to sensitive species, water quality, and flooding.

3. Identify Potential Environmental Effects

At a programmatic level and based in part on existing planning documents, PlaceWorks will list the potential environmental effects for various types of private and public development, recreation, and infrastructure projects within the Plan Area. This list will assist with project implementation by identifying potential environmental constraints; while not a formal review under the California Environmental Quality Act (CEQA), this list will assist with project-specific CEQA reviews of future projects by serving as a starting

point for the environmental analysis, which can then be fleshed out with the details of an individual project through a formal CEQA document.

4. Prepare a Framework Plan

PlaceWorks will prepare a set of consolidated maps showing all potential projects and concept plans identified in the various planning documents that will be covered by the Master Plan. These maps will include call-outs with project and plan information, and allow the reader to easily identify conflicts, overlaps, and gaps between projects and plans. These maps will be accompanied by succinct text that highlights these conflicts, overlaps, and gaps, providing an easily referenced framework of what the Master Plan needs to address.

5. Community Meeting

The community meeting will provide an opportunity for residents and business owners along and near the Feather River to have a voice in the future of this important community asset. In addition, it will bring together representatives from all of the various agencies with an interest in the Plan Area to facilitate better communication and inform the development of the Master Plan.

PlaceWorks will coordinate with City staff and the agencies with an interest in the Plan Area to host a community meeting about the Master Plan. The meeting will be held in an open house format, with tables (or “stations”) provided for each major planning document that will be covered by the Master Plan. Each agency will be asked to prepare station materials and staff the station in order to highlight the plan’s goals and accomplishments and answer questions. PlaceWorks will coordinate with these agencies to ensure that the materials fit within the overall approach for the meeting. PlaceWorks will also create and staff a station that is focused on the vision and goals of the Master Plan, based on City staff input during the project initiation phase, shared visions and goals among the various planning documents, and the SBF vision statement.

In addition to the open house format, PlaceWorks will briefly present the major findings from Tasks B.1 through B.4, emphasizing in the presentation the project and plan conflicts, overlaps, and gaps identified in the framework plan. PlaceWorks will also facilitate a large-group discussion to hear the community’s feedback on what will be important for the Master Plan to address, and agency staff at individual stations will facilitate discussions at a smaller scale. PlaceWorks will record key points made by community members during the large-group discussion, and we will invite participants to write suggestions on easel pads at individual stations, and/or conduct an exercise to prioritize among potential projects for the Feather River corridor.

Following the meeting, PlaceWorks will prepare a brief summary of the input received at the meeting, which can be posted on the City’s website and included in the SBF Steering Committee meeting packet for Task C.3.

Task C. Draft Master Plan

In this task, PlaceWorks will produce and assemble the Draft Feather River Consolidated Master Plan, and review the draft document with the SBF Steering Committee.

1. Administrative Draft Master Plan

PlaceWorks will prepare a Master Plan that is readable, easy to implement, and responds to City/SBF, partner agency, and community needs. The Master Plan will include the baseline and framework components drafted in Task B, as well as new sections that build upon those pieces. PlaceWorks will use maps, tables, and other graphics to clarify and illustrate key concepts and avoid lengthy sections of text. PlaceWorks will submit an electronic version of the Administrative Draft Master Plan for review by City staff.

We anticipate that the Master Plan will include the following chapters:

- **Executive Summary.** The Executive Summary will provide a concise description of the Master Plan, its organization, and contents, relying on graphics, tables, and bulleted lists to provide the reader with a quick understanding of how to use the document and its key findings.
- **Introduction.** This chapter will introduce the Master Plan and provide an overview of the Plan Area, including a map and an explanation of the various agencies with an interest in the Plan Area. The Introduction will also list and describe the various planning documents that will be consolidated by the Master Plan.
- **Vision and Goals.** The Vision and Goals chapter will include a vision statement for the future of the Feather River corridor, along with the Master Plan's mission with goals and objectives to accomplish that mission. The vision, mission, goals, and objectives will be based on City staff input during the project initiation phase, shared visions and goals among the various planning documents that will be consolidated by the Master Plan, the SBF vision statement, and feedback from the community meeting.
- **Plan Setting.** This chapter will incorporate the existing conditions documentation and maps, the regulatory framework, and list of potential environmental impacts for projects in the Plan Area that were developed in Task B. The version included in the Administrative Draft Master Plan will respond to City staff comments on the initial drafts of these components prepared in Task B.
- **Plan Framework.** This chapter will incorporate the Master Plan framework maps and text prepared in Task B, which identify conflicts, overlaps, and gaps between projects and plans in the Feather River corridor. The version included in the Administrative Draft Master Plan will respond to City staff comments on the initial draft of the framework plan prepared in Task B.
- **Strategies and Solutions.** In this chapter, PlaceWorks will identify approaches to address planning conflicts, overlaps, and gaps identified in the Plan Framework chapter. These strategies and solutions will provide clear guidance for the City and other agencies to ensure continuity within the Plan Area. In addition, this chapter will help guide the SBF Steering Committee in its efforts to strategically develop and improve the Plan Area in a way that upholds the intent of the Settlement Agreement and reflects the community's vision for the corridor. The approaches described in this chapter may include recommendations to amend other planning documents, prioritization of specific physical projects, and incentives to spur certain types of private projects.

2. Draft Master Plan

PlaceWorks will address staff's comments in the Screencheck and Public Review Draft Master Plan. PlaceWorks will provide the Screencheck and Public Review Draft as electronic files suitable for posting on the City's website.

3. Supplemental Benefits Fund Steering Committee Meeting #1

PlaceWorks' Principal-in-Charge and Project Manager will attend a meeting with the SBF Steering Committee to present the Public Review Draft Master Plan. During this meeting, PlaceWorks will present an overview of the process to develop the draft document, including a summary of the input received at the community meeting, and highlight the strategies and solutions identified in the Draft Master Plan. We suggest that this meeting include a public comment period to allow community members to also share feedback on the Draft Master Plan in a public setting. Following the meeting, PlaceWorks will prepare a summary of the SBF Steering Committee's direction regarding recommended changes to the Draft Master Plan.

Task D. Final Master Plan

Through this set of final tasks, PlaceWorks will prepare the Final Master Plan for SBF Steering Committee acceptance.

1. Administrative Revised Master Plan

PlaceWorks will prepare an Administrative Revised Master Plan that incorporates the changes to the Plan directed by the SBF Steering Committee during Meeting #1. PlaceWorks will submit an electronic version of this document for City staff review.

2. Revised Master Plan

PlaceWorks will address staff's comments on the administrative draft to produce a Revised Master Plan for final consideration by the SBF Steering Committee. PlaceWorks will provide the Revised Master Plan as an electronic file suitable for posting on the City's website.

3. SBF Steering Committee Meeting #2

At this final meeting, the PlaceWorks Project Manager will present the Revised Master Plan for consideration and final acceptance by the SBF Steering Committee. As part of this presentation, PlaceWorks will highlight changes that were made in response to Committee direction.

4. Final Master Plan

If needed, PlaceWorks will make any final changes to the Master Plan directed by the SBF Steering Committee, and produce the Final Feather River Consolidated Master Plan that reflects the SBF Steering Committee's acceptance. PlaceWorks will provide 16 hard copies of the Final Master Plan (eight bound and eight unbound) and three camera-ready digital copies. In addition, PlaceWorks will submit three digital copies of all relevant study material, meeting notes, and GIS data to the City.

CHAPTER 4: SCHEDULE, PRODUCTS, AND MEETINGS

This chapter describes the products associated with PlaceWorks scope of work and the schedule by which each of these products will be completed. It also summarizes the meetings that PlaceWorks will attend for the project.

SCHEDULE

PlaceWorks' proposed schedule for completion of the Master Plan is shown in Figure 1. As shown in the schedule, we anticipate that the project can be completed within nine months of project start-up. We believe this schedule is in keeping with your needs, but we are happy to revise this schedule if necessary.

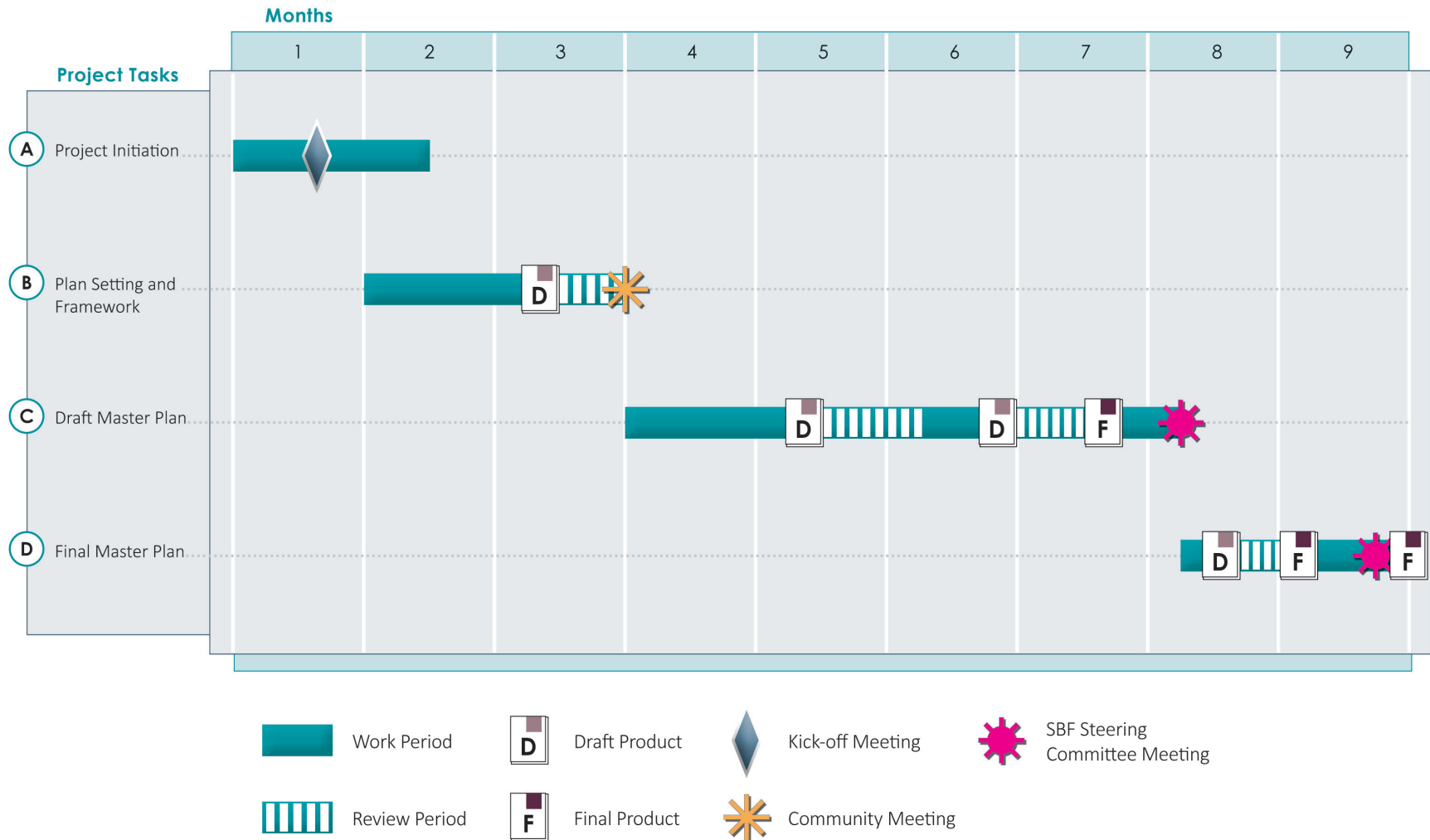
PRODUCTS

The following products will be submitted to the City of Oroville in fulfillment of our proposed scope of work. All products will be submitted electronically (Word and/or PDF) unless otherwise noted below.

- Initial Basemap (Task A.3)
- Initial Drafts of Master Plan Setting and Framework Components:
 - Existing Conditions (Task B.1)
 - Regulatory Framework (Task B.2)
 - Potential Environmental Impacts (Task B.3)
 - Framework Plan (Task B.4)
- Community Meeting Summary (Task B.5)
- Administrative Draft Feather River Consolidated Master Plan (Task C.1)
- Screencheck Feather River Consolidated Master Plan (Task C.2)
- Public Review Draft Feather River Consolidated Master Plan (Task C.2)
- SBF Steering Committee Meeting Summary (Task C.3)
- Administrative Revised Feather River Consolidated Master Plan (Task D.1)
- Revised Feather River Consolidated Master Plan (Task D.2)
- Final Feather River Consolidated Master Plan (Task D.4)

FIGURE 1 SCHEDULE

Project Schedule: Feather River Consolidated Master Plan
for the City of Oroville



MEETINGS

PlaceWorks' Principal-in-Charge and Project Manager will attend the kickoff meeting, the community meeting, and SBF Steering Committee Meeting #1. PlaceWorks Project Manager will also attend SBF Steering Committee Meeting #2.

We are available to attend additional meetings on a time-and-materials basis.

CHAPTER 5: COST ESTIMATE

As shown in Table 2, the estimated cost to complete the scope of work described in this proposal is \$71,933.

PlaceWorks recommends planning for a 5 percent to 10 percent contingency fund to cover any unforeseen out-of-scope work that might be necessary for the project.

We are flexible regarding project costs and hope that you will not eliminate us from consideration on the basis of cost alone.

PlaceWorks bills for its work on a time-and-materials basis with monthly invoices.

ASSUMPTIONS

- Billing rates for this project are guaranteed through June 2016. Billing rates would be subject to an increase of up to 6 percent on July 1, 2016, and in each subsequent year thereafter. A budget increase would be necessary to cover costs incurred after July 1, 2016.
- Our cost estimate includes the meetings shown in Chapter 4. Additional meetings would be billed on a time-and-materials basis. PlaceWorks' Project Manager will attend all project meetings, public workshops and other public meetings. PlaceWorks' Principal-in-Charge will attend the kickoff meeting, the community meeting, and SBF Steering Committee Meeting #1.
- All products will be submitted to the City in electronic (Word and/or PDF) format, except for printed copies that are specifically identified in Chapter 4. This is an allowance only, based on the numbers of products and copies shown in Chapter 4. If this allowance is exceeded, additional printing costs will be billed at PlaceWorks' actual cost.
- City staff will be responsible for meeting logistics, including schedule coordination, document production, printing notices, mailing costs, room reservations, room set-up and take-down, and refreshments.

TABLE 2 COST ESTIMATE

	Total Task Budget
TASK A. Project Initiation	
A.1 Kickoff Meeting and Area Tour	\$5,280
A.2 Background Information/Planning Documents	\$5,240
A.3 Assemble GIS Data and Prepare Basemap	\$1,900
Task A. Subtotal	\$12,420
TASK B. Plan Setting and Framework	
B.1 Document and Map Existing Conditions	\$5,860
B.2 Compile Regulatory Framework	\$3,160
B.3 Identify Potential Environmental Impacts	\$2,000
B.4 Prepare Framework Plan	\$7,840
B.5 Community Meeting	\$6,930
Task B. Subtotal	\$25,790
TASK C. Draft Master Plan	
C.1 Administrative Draft Master Plan	\$15,580
C.2 Draft Master Plan	\$3,110
C.3 SBF Steering Committee Meeting #1	\$5,290
Task C. Subtotal	\$23,980
TASK D. Final Master Plan	
D.1 Administrative Revised Master Plan	\$2,580
D.2 Revised Master Plan	\$1,100
D.3 SBF Steering Committee Meeting #2	\$2,760
D.4 Final Master Plan	\$520
Task 4. Subtotal	\$6,960
Labor Total	\$69,150
EXPENSES	
PlaceWorks Reimbursable Expenses	\$1,400
2% of Labor for Office Expenses (Copies, Faxes, Phone, Misc. Printing)	\$1,383
EXPENSES TOTAL	\$2,783
GRAND TOTAL	\$71,933

APPENDIX

FORMS

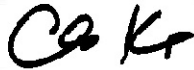
F. RFP CERTIFICATION FORM

PROPOSAL CERTIFICATION FORM OROVILLE FEATHER RIVER MASTER PLAN

Note: Please ensure that all required signature blocks are completed. Failure to sign this form will render your proposal invalid.

Issue Date:	May 28, 2015
Issuing Agent:	City of Oroville 1735 Montgomery Street Oroville, CA 95965
Proposal Due Date:	Tuesday, June 30, 2015 4:00 P.M. PT
Proposal Directed To:	Bob Marciniak, SBF Program Specialist City of Oroville
Number of Proposal Copies:	Two (2) copies & One (1) electronic copy

In compliance with this Request for Proposal and to all conditions imposed herein, the undersigned offers and agrees to furnish the services in accordance with the attached signed proposal or as mutually agreed upon by subsequent negotiation. By signature hereto, the proponent certifies that all representations and certifications contained in its proposal are complete and accurate as required.

Name of Firm:	PlaceWorks
Address of Firm:	1625 Shattuck Avenue, Suite 300 Berkeley, CA 94709
Contact Name:	Charlie Knox, AICP
Signature:	
Title:	Principal
Date:	June 29, 2015
Phone Number:	510.848.3815
Alternate Phone Number: (optional)	
Fax Number:	510.848.4315
Federal Employee ID Number: (if applicable)	95.2975827

RESUMES



CHARLIE KNOX, AICP

Principal

Charlie has more than 25 years of experience in public and private sector land use planning. He has a thorough understanding of how to manage and coordinate staff and consultant efforts to best serve municipal staff, citizens, City Council, and commissions. Charlie's expertise includes shepherding high-profile projects through the entitlement process. He also specializes in developing sustainability and renewable energy initiatives, and in securing funding for their implementation. Prior to joining PlaceWorks, Charlie led the City of Benicia Public Works and Community Development Departments and used innovative leadership to provide superior customer service to residents despite resource constraints.

HIGHLIGHTS OF EXPERIENCE

SUSTAINABILITY INITIATIVES

- » Vulnerability Assessment & Adaptation Plan, Benicia CA
- » Renewable Energy and Conservation Project, Benicia CA
- » Electric Vehicle Fast Charger and Solar Battery Backup Project, Benicia CA
- » Valero Benicia Refinery Flue Gas Scrubber, Benicia CA
- » Valero/Good Neighbor Steering Committee Settlement Agreement, Benicia CA
- » Benicia Boatyard Marine Debris Cleanup, Benicia CA

COMPREHENSIVE PLANNING

- » Connect Menlo: General Plan and M-2 Area Zoning Update, Menlo Park CA
- » Vallejo Integrated Revitalization Program and Comprehensive General Plan Update, Vallejo CA
- » Livermore Housing Element Implementation and Environmental Review, Livermore CA
- » Marinship Specific Plan Assessment and Evaluation, Sausalito CA
- » Marin Countywide Plan, Marin County CA
- » Ventura General Plan, San Buenaventura CA
- » Pleasant Hill General Plan, Pleasant Hill CA
- » Morgan Hill General Plan, Morgan Hill CA
- » Citrus Heights General Plan, Citrus Heights CA
- » Cotati General Plan Background Report, Cotati CA
- » Sonoma General Plan and EIR, Sonoma CA

SPECIFIC PLANS AND ZONING

- » Oroville Sustainable Code Update and Climate Action Plan, Oroville CA
- » Benicia Downtown Mixed Use Master Plan, Benicia CA
- » Cotati Downtown Specific Plan, Cotati CA
- » Morros Area Specific Plan, San Luis Obispo County CA
- » San Miguel County Land Use Code, San Miguel County CO

MUNICIPAL ADMINISTRATION

- » Benicia Strategic Plan, Benicia CA
- » City of Benicia/Solano County GIS Data-Sharing Platform, Benicia CA

EDUCATION

- » MA, Communications, University of Washington
- » BA, English, Whitman College

CERTIFICATIONS

- » American Institute of Certified Planners

AFFILIATIONS

- » American Planning Association
- » Bay Area Planning Directors Association

Team member since 2013



CHARLIE KNOX

Principal

cknox@placeworks.com

PUBLIC WORKS PROJECTS

- » Benicia High School Traffic Signal & Safety Enhancement Project, Benicia CA
- » Interstate 780 Rose Drive Overcrossing Project, Benicia CA
- » Benicia/Martinez Bridge-Bay Area Ridge Trail Connector, Benicia CA
- » SolTrans Route 78 and Pedestrian Safety Support Project with the Solano Transportation Authority, Benicia CA

ENTITLEMENTS

- » Fourth and University Project, Berkeley CA
- » Bayside Village Project, Hercules CA

PUBLICATIONS

- » California General Plan Glossary, Governor's Office of Planning and Research, 1991

LEADERSHIP & COMMUNITY

- » Bay Area Planning Director's Association, Steering Committee Member, 2006 to Present
- » Association of Bay Area Governments, Regional Planning Commissioner, 2009 to 2011

TEACHING

- » "GIS for Planners" course, Cal Poly San Luis Obispo, 2000 to 2003

AWARDS

- » 2013 Green California Leadership, Benicia Renewable Energy Project
- » 2011 California Preservation Foundation, Benicia Historic Context Statement
- » 2010 California State Legislature Transportation Safety Project, Rose Drive Bridge
- » 2008 APA National Planning Excellence Award for Implementation, Marin Countywide Plan
- » 2008 APACA Comprehensive Planning, Marin Countywide Plan
- » 2008 Form Based Codes Institute, Downtown Benicia Master Plan
- » 2001 APACA Outstanding Planning, Citrus Heights General Plan
- » 1999 National Association of Counties, Watershed Protection
- » 1998 US EPA Environmental Achievement, Watershed Protection
- » 1993 US EPA Outstanding Achievement, Wetlands Protection
- » 1992 APA Colorado Outstanding Planning, Wetlands Regulations
- » 1991 APACA Special Award, California General Plan Glossary
- » 1987 APACA Outstanding Planning, Petaluma General Plan
- » 1986 Council for Advancement in Science and Education (CASE) Bronze Medal, Stanford Engineer Magazine



TANYA SUNDBERG

Senior Associate

Tanya brings valuable planning experience through her work in both the public and private sector. She is an organized and detail-oriented project manager, produces high-quality documents, and maintains open and communicative working relationships with her clients.

Tanya's work at PlaceWorks has focused on General Plans, Specific Plans, sustainability/ climate action plans, and environmental review. She is currently the project manager for the Vacaville General Plan Update and EIR, including the Climate Action Plan; the Vallejo Integrated Revitalization Program and General Plan Update; the Oroville Sustainable Code Update and Climate Action Plan; the Oroville Urban Area Urban Master Urban Greening Plan; and, as a subconsultant to ICF International, the Butte Regional Conservation Plan EIR/EIS. In addition, she recently completed the Butte County General Plan Update and EIR, the Tracy Sustainability Action Plan, the Tracy General Plan Amendment and EIR, which included a Municipal Service Review, and the Los Gatos Sustainability Plan. For most of these projects, Tanya managed or assisted in the development of the plan as well as its environmental review, thus facilitating the creation of self-mitigating plans and an efficient environmental review process.

Tanya has also used her extensive GIS experience in most of her comprehensive and environmental review projects, as well as in her work as the project manager for the Trinity County GIS Economic Development Mapping Plan.

HIGHLIGHTS OF EXPERIENCE

- » Oroville Sustainable Code Update and Climate Action Plan, Oroville CA
- » Oroville Urban Area Master Urban Greening Plan, Butte County CA
- » Vallejo Integrated Revitalization Program and General Plan Update, Vallejo CA
- » Los Gatos Sustainability Plan, Los Gatos CA
- » Vacaville General Plan Update and EIR, Vacaville CA
- » Butte County General Plan Update and EIR, Butte County CA
- » Tracy General Plan and EIR, Tracy CA
- » Tracy Sustainability Action Plan, Tracy CA
- » Napa County Housing Element Update and EIR, Napa County CA
- » Brighton Landing EIR, Vacaville CA
- » Cordes Ranch Specific Plan Review and EIR, Tracy CA
- » Broadway Plaza Retail Expansion EIR, Walnut Creek CA
- » Butte Regional Conservation Plan EIR/EIS, Butte County CA
- » Trinity County GIS Economic Development Mapping Plan, Trinity County CA

PUBLICATIONS

- » "Incorporating Complex Adaptive Systems Theory into Strategic Planning: The Sierra Nevada Conservancy" (with Timothy Duane), *Journal of Environmental Planning and Management* 51:1, 2008, pp. 141–162

EDUCATION

- » Master of Environmental Planning, University of California, Berkeley
- » BA, Human Ecology, College of the Atlantic, Bar Harbor ME

AFFILIATIONS

- » Association of Environmental Professionals

Team member since 2006



TANYA SUNDBERG

Senior Associate

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AWARDS

- » 2011 Comprehensive Planning Award for a Small Jurisdiction, APACA Sacramento Valley Section, Butte County General Plan Update
- » 2011 Merit Award for Innovation in Green Community Planning, APACA Sacramento Valley Section, Tracy Sustainability Action Plan
- » 2006 Certificate of Honor, American Society of Landscape Architects, The Sierra Nevada Conservancy: Strategies for a New Institutional Model (graduate thesis)
- » 2006 Geraldine Knight Scott Traveling Fellowship, University of California, Berkeley
- » 2000 Excellence in Studies of Policy and Planning Award, Center for Applied Human Ecology

ACTIVITIES

- » Vice President of Programs, AEP California North Coast Chapter

PRIOR EXPERIENCE

- » Environmental Protection Information Center (EPIC), Garberville CA, Administrative Coordinator, 2002 to 2003



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