Proposition 50 River Parkways Grant Program

Introductions

Resources Agency Technical Committee

Anne Riley - Watershed and River Restoration Advisor / San Francisco Bay Region Water Quality Control Board

Earle Cummings - MS Ecology, Chief, Environmental Compliance, Planning and Analysis Branch, Department of Water Resources Division of Flood Management

Kate Foley - District Superintendent, Northern Buttes District (retired) / California Department of Parks and Recreation

Kris Vyverberg - Senior Engineering Geologist/Geomorphologist / Fisheries Engineering Program, Statewide Technical Advisory Team / Native Anadromous Fish and Watershed Branch Department of Fish and Game

Lisa Cirill - Acting Chief / California Center for Physical Activity / California Department of Health Services

Resources Agency

Bryan Cash, Charles Chung, Dana Brazelton, Laurie Heller, Polly Escovedo, Linda Smith, Ron Lee

Kate Foley

Northern Buttes District Superintendent (retired) /
California Department of Parks and Recreation

RECREATION

Describe the specific recreational goals targeted by this Project and the expected impact on the local Community.

Describe the recreational opportunities and amenities your Project will provide. How are they are compatible with the environment and location?

Prevent Site Shock!!

What national, state, or local construction standards will be used for recreational facilities and amenities such as trails, restrooms, bike paths, etc.?

California State Parks will be happy to help you with ideas for trails and other construction projects.

Statewide Trails:

Doug Wilber: (916) 651-6916

Northern Service Center:

(916) 445-8870

What construction materials will be used? Include any environmentally-friendly materials. Describe any accommodations on the proposed trail system to make it ADA accessible.

If conflicts exist between recreational user groups, how do you plan to resolve them?

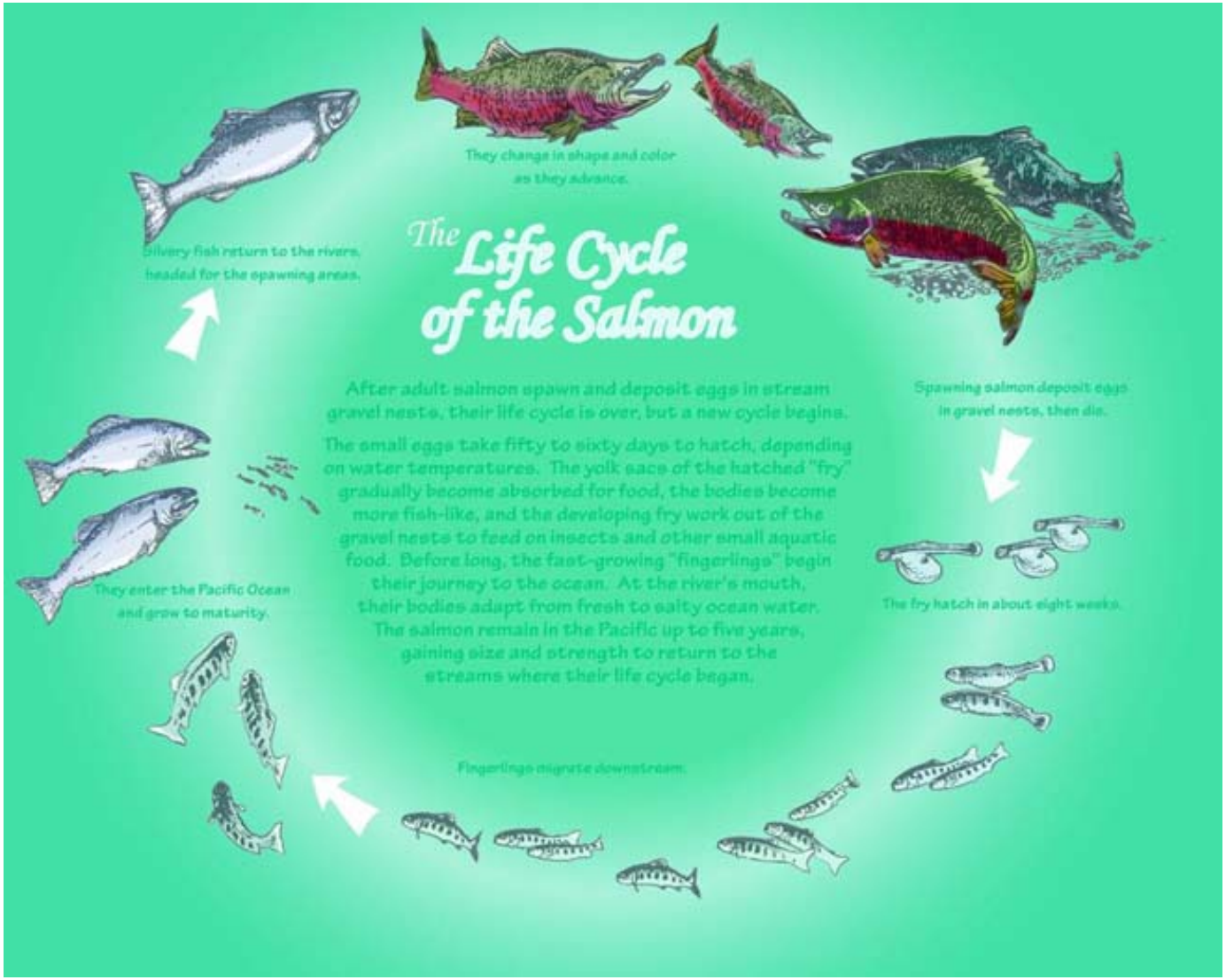
What will happen to the project site if this Project does not occur

?

Conservation and Interpretive Enhancements

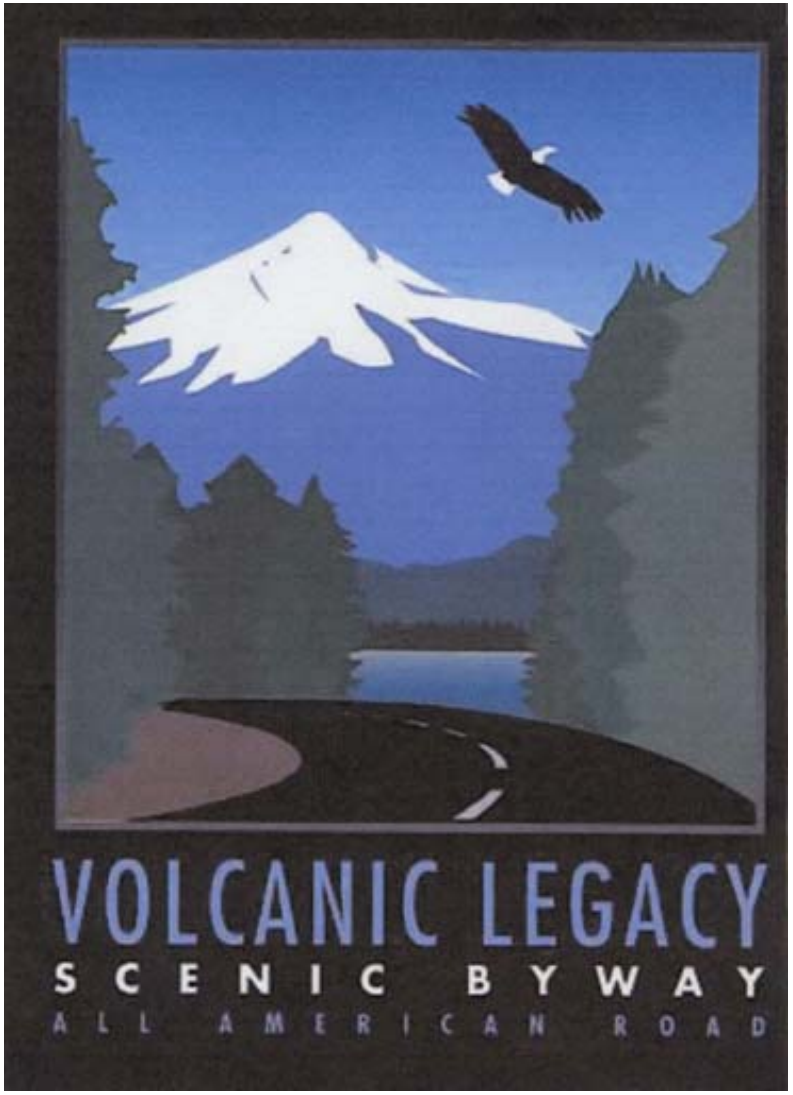
Describe the planned visitor serving amenities.

How will your visitor serving amenity communicate the significance and value of the resource?



Describe the Project’s geographic location to the resources, subjects, structure, place, or collection of objects to be interpreted.

Will it address themes not interpreted in existing facilities?



Describe any future actions needed beyond the scope of this Project to fully address your goals.

Kris Vyverberg

Senior Engineering Geologist/Geomorphologist / Fisheries Engineering Program, Statewide Technical Advisory Team / Native Anadromous Fish & Watershed Branch Department of Fish & Game

HABITAT

Protect, improve or Restore Riverine or Riparian Habitat, including benefits to wildlife habitat and water quality. River Parkways protect and Restore Riverine and Riparian habitat and improve or protect the water quality in rivers and streams.

How much riparian/aquatic habitat will the project acquire, conserve, protect or restore? (Quantify using acres or linear feet, etc., of riparian habitat, stream course, stream bank, or similar units; miles of stream trail built; etc.)

- How will the project benefit the targeted biological or physical elements (use either common or scientific names to identify elements)?

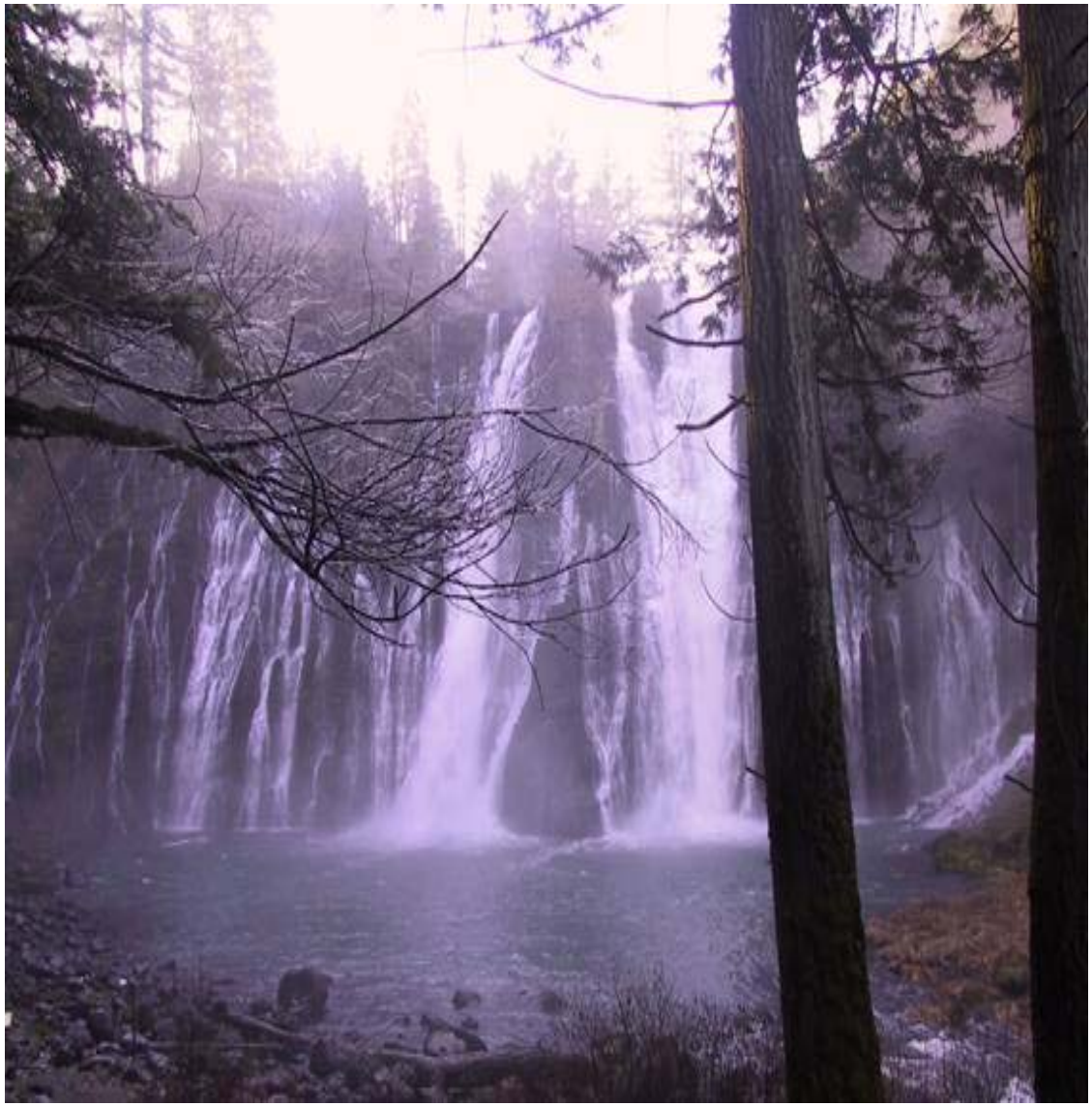
- **Describe specific riverine or riparian elements that your project will establish, including but not limited to:**
  - **Structures: Channel, riparian corridor, floodplain, terrace, pools and ripples, etc.**
  - **Functions: Transporting sediment, forming and reforming bars and pools, flooding onto the floodplain, restoring habitat for threatened or endangered species, or re-establishing wildlife corridors.**
  - **Dynamics: Revegetate to provide shade and erosion control on floodplain, provide food for insects or remove exotic species.**

- If the Project includes the Restoration or creation of wetlands habitat, explain how you plan to employ habitat management strategies designed to reduce mosquito production.

- Describe any biotechnical methods or other innovative methods you intend to use. If the Project will use conventional construction materials like manufactured block or concrete, describe how you propose to integrate these materials into the landscape in a natural way.

- If the Project is easily affected by external events (e.g., weather, floods, fire or other disturbances), what are your contingency plans?

- Is there an imminent threat to the habitat (i.e., are projects planned and approved in the immediate vicinity that will preclude or conflict with the maintenance of the habitat)?



What will happen to the existing habitat if this project does not occur? Will the habitat improve, decline, or be entirely lost? Over what time period?

Earle W. Cummings

MS Ecology, Chief, Environmental Compliance, Planning and Analysis Branch, Department of Water Resources Division of Flood Management

Flood Management

I. Flood Protection Coordination for Parkway Projects - Floodways and major water bodies

A. Central Valley

1. State Reclamation Board Designated Floodway Program - Contact DWR Encroachment Control Section, Sacramento
2. Projects requiring work involving regulated rivers or flood control reservoir operations Contact Corps of Engineers, USBR
3. Projects involving bridges over commercially navigable waters Contact US Coast Guard

B. Coastal Zone

1. Projects in Coastal Zone, California Coastal Commission, coordinate also with Coastal Conservancy
2. Other coordination (Tsunami, earthquake, soil liquification, etc.)
    a. Look into State of California Multi-Hazard Mitigation Plan Office of Emergency Services)

C. General

1. See Department of Finance Inventory of Flood Control Agencies, On-Line.
2. Federal Emergency Management Agency's National Flood Insurance Program floodplain mapping, county general plan floodplain zoning
3. California Department of Fish and Game: Streambed Alteration Notification and Agreement regulations

II. Alluvial Fans

Flooding may unexpectedly affect areas thought to be out of the stream channel.

III. Application Specifics

Guidelines call for proposals to address the following questions:

a. Where the project is located in a flood hazard area, describe how it will reduce flooding, erosion, or stabilize the watershed.

b. Explain how this project fits into a flood management plan and provide an overview of that plan.

c. How does the project supplement or extend the flood control project of which it is part?

d. Identify the local, State or federal flood management agencies involved in the project. Provide details on communications with the appropriate responsible umbrella flood agency (federal, State or local level). Have they concurred that the project is compatible with flood protection purposes?

e. Will this project result in implementation of more environmentally sensitive flood management approaches than would otherwise be implemented? Describe.

What will happen to the project site

if this project does not occur?

Bryan Cash

Deputy Assistant Secretary, Proposition 50

Conversion to River Parkways

Conversion Goals

Questions

- Current Use
- Conversion to River Parkway
- Effects of conversion
- Relocation?
- Future Action

Statewide Resources Priorities

- **Listed Priorities**
  - Collaboration
  - Economic Benefit
  - Use of Recycled or Reclaimed Water,
  - Recycled Materials and/or Energy Efficiency

- **Other Areas for Consideration**
  - Statewide distribution of bond funds
  - NCCPs, CALFED implementation, etc.

Access and Location

Public Access = Requirement

Questions

- How will the public access the River Parkway? (transportation options, parking, access routes, etc.)
- Public Access Limits
- Access vs. Ecological Goals

Organizational Capacity and Sustainability

Complete and Maintain

Questions

- Experience
- Expertise
- Maintenance Plan

Community and Regional Impacts

Land Use Planning and Community Involvement

Questions

- Current Conditions
- Coordination
- Impact
- Outreach

Community and Regional Impacts

Environmental Justice

- Outreach

Youth Employment

Project Readiness

Project Completion Deadline:

May 1, 2009 or 2010

Questions

- **First Steps**
- **Cost Estimate Method**
- **Project Concerns**
- **Status**
- **Other Factors**

COMMUNITY AND REGIONAL IMPACTS

Lisa A. Cirill
Acting Chief
California Center for Physical Activity
California Department of Health Services

Improving the Public's Health

California and the U.S. face a "diabesity" epidemic – physical inactivity is a major risk factor

Walking and bicycling can be unsafe and inconvenient

Providing safety education and building safe walking and bicycling facilities in our communities create healthy options for all Californians

Working with local leaders and stakeholders who are poised to make environmental and policy change is key

Public Health, Physical Activity and the Built Environment

- Heart disease and stroke
- Cancer
- Diabetes
- Injury
- Asthma
- Bone health
- Impotence
- Depression, stress

- Air quality
- Noise
- Climate change
- Sense of community
- Crime/violence
- Economic vitality
- Children's development

Built Environment = More Risks Than Just Obesity

Physical Activity Should Be…

- Convenient
- Continuous
- Connected
- Comfortable
- Secure

River Parkways Projects Suggestions

- Trail accessibility for Californians of all ages, abilities, and socio-economic levels
- Trail connections to core urban and/or rural areas such as parks, schools and farmer's markets
- Trail design which enhances commuter use
- Appropriate and sufficient trail furnishings, shade, lighting and security devices

River Parkways Projects Suggestions

- Local coalitions supporting trail usage, including engagement of key stakeholders, advocacy groups, community volunteers, and youth organizations
- Signage that promotes active living (mile markers, stretching, etc.)

A. L. Riley

Watershed and River Restoration Advisor / San Francisco Bay Region Water Quality Control Board

Water Quality and Watershed Protection (Optional)

Priority will be given to River Parkway Projects that are implemented pursuant to applicable approved Watershed Plans and include water quality and watershed protection benefits.

Explain how the project conforms to a Regional Water Quality Control Plan and is part of an applicable adopted watershed management plan recognized by the Regional Water Quality Control Board (RWQCB)

http://www.swrcb.ca.gov/regions.html

Describe the measurable and demonstrable water quality benefits that will result from this project.

Stream restoration in difficult urban situation.

This is not a restoration project

Successful soil bioengineering project on a large urban stream

Willow posts are driven into holes made by an excavator with a metal ram.

Example of revegetation technique.

The stabilized bank can withstand even severe floods.

If the project includes a monitoring plan, explain how it integrates with The Surface Water Ambient Monitoring Program (SWAMP), coordinated with the RWQCB and with local watershed partnerships, if available.

http://www.swrcb.ca.gov/swamp/

STATE OF CALIFORNIA

resources

AGENCY

AFTER THE BREAK

• Application Package	Linda Smith
• Critical Elements	
• Project Description	Linda Smith
• Environmental Compliance	Polly Escovedo
• Site Plans	Polly Escovedo
• Land Tenure	Laurie Heller
• Cost Estimate	Dana Brazelton
• Additional Resources	Ron Lee
• Technical Assistance Breakouts	All

Linda Smith

Grants Administrator

Application Package

- Vehicle for determining
  - *Eligibility of Applicant and Project*
  - *Competitiveness of Project*
  - *Project Readiness/Organizational Capacity*
- Checklist

Appendix L Application Checklist

Submit 7 copies (one unbound original and six copies) of items 1 - 13:

1. Completed Application Form ☐
2. One Page Summary ☐
3. Project Proposal Narrative ☐
4. Proof of Environmental Compliance ☐
5. Project Location Map ☐
6. Assessor's Parcel Map ☐
7. Site Plan ☐
8. Operations & Maintenance Documents ☐
9. Stewardship Plan (for Conservation Easements) ☐
10. Flood Agency Concurrence (for Flood Management Projects) ☐
11. Cost Estimate (for Development Projects) ☐
12. Project Timeline ☐
13. Photographs ☐

Submit 2 copies (1 unbound original and 1 copy) of items 14-24:

14. Signed Authorizing Resolution or Certification Letter from CEO ☐
15. Land Acquisitions Form ☐
16. Legal description of property ☐
17. Restrictions/Encumbrances ☐
18. USGS Quad map ☐
19. Evidence of willing seller ☐
20. Adequate Land Tenure ☐
21. Other Sources of Funds ☐
22. Local Support ☐
23. Eligibility for nonprofit Applicants ☐
24. Disadvantaged Community ☐

Application Package

- Vehicle for determining

  Eligibility of Applicant and Project

  Competitiveness of Project

  Project Readiness/Organizational Capacity

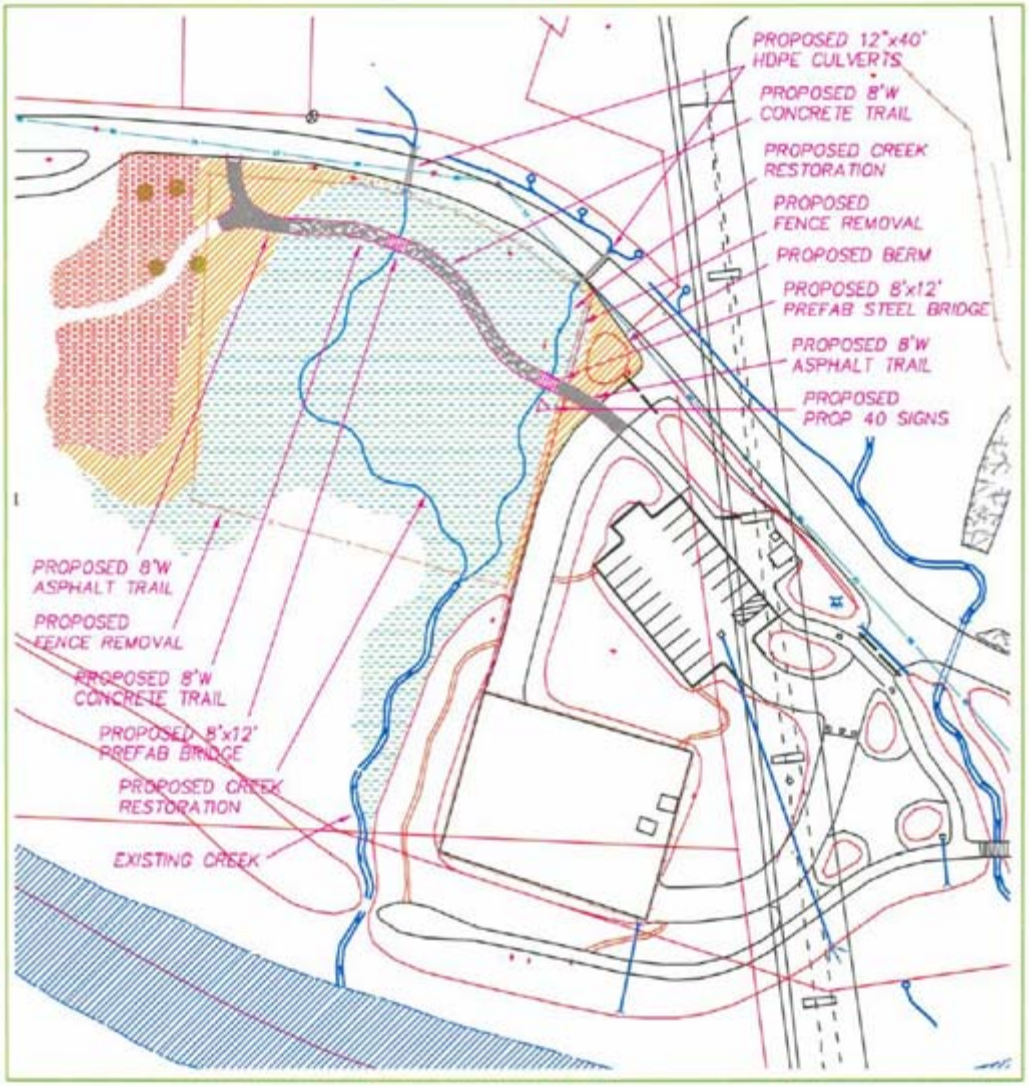
- Checklist
- Cohesion of package
- Technical Committee Evaluation

Critical Elements of the Application

“Project”

- May be part of a larger River Parkway Plan

Golf Course Area
Gallo/
Mancini
Area
Gateway Parcel
Legion Park
Carpenter Road Area
Airport Area
MODESTO
MUNICIPAL
GOLF
COURSE
DRYDEN
MUNICIPAL
GOLF
COURSE
Sports Complex
SEWAGE
TREATMENT
PLANT
Mancini Park
99
99
River Regional Park Master Plan
Joint Powers Authority and EDAW, Inc.
in association with
&
, and
Engineering, Inc.



LEGEND

- Upper Sacramento River
- Wet Meadow Restoration
- Upland Restoration
- Exotics Removal in Historic Site

DESIGN

LANDSCAPE ARCHITECTURE
ENVIRONMENTAL PLANNING
ECOLOGICAL SERVICES

PARK AND TRAIL PROJECT

SITE PLAN

RIVER EXCHANGE

Critical Elements of the Application

"Project"

- May be part of a larger River Parkway Plan
- Must have stand-alone benefit
- Must meet program requirements

Common Problems describing Projects

- **Encompassing too large a project in the plan, so that project cannot be completed within the timeframe of the appropriation.**
- **Project to be funded with River Parkway Grant funds not identifiable in narrative**
- **Project described in narrative does not correlate easily to project described in CEQA, Land Tenure documents, Cost Estimate and/or Timeline.**

One-Page Summary

Project Proposal Narrative

Polly Escovedo

Grants Administrator

- **CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)**
- **SITE PLANS**

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

REQUIRED FOR ALL PROJECTS FUNDED UNDER PROPOSITION 50

Section 79506 of the Water Code indicates every proposed activity to be financed must be in compliance.

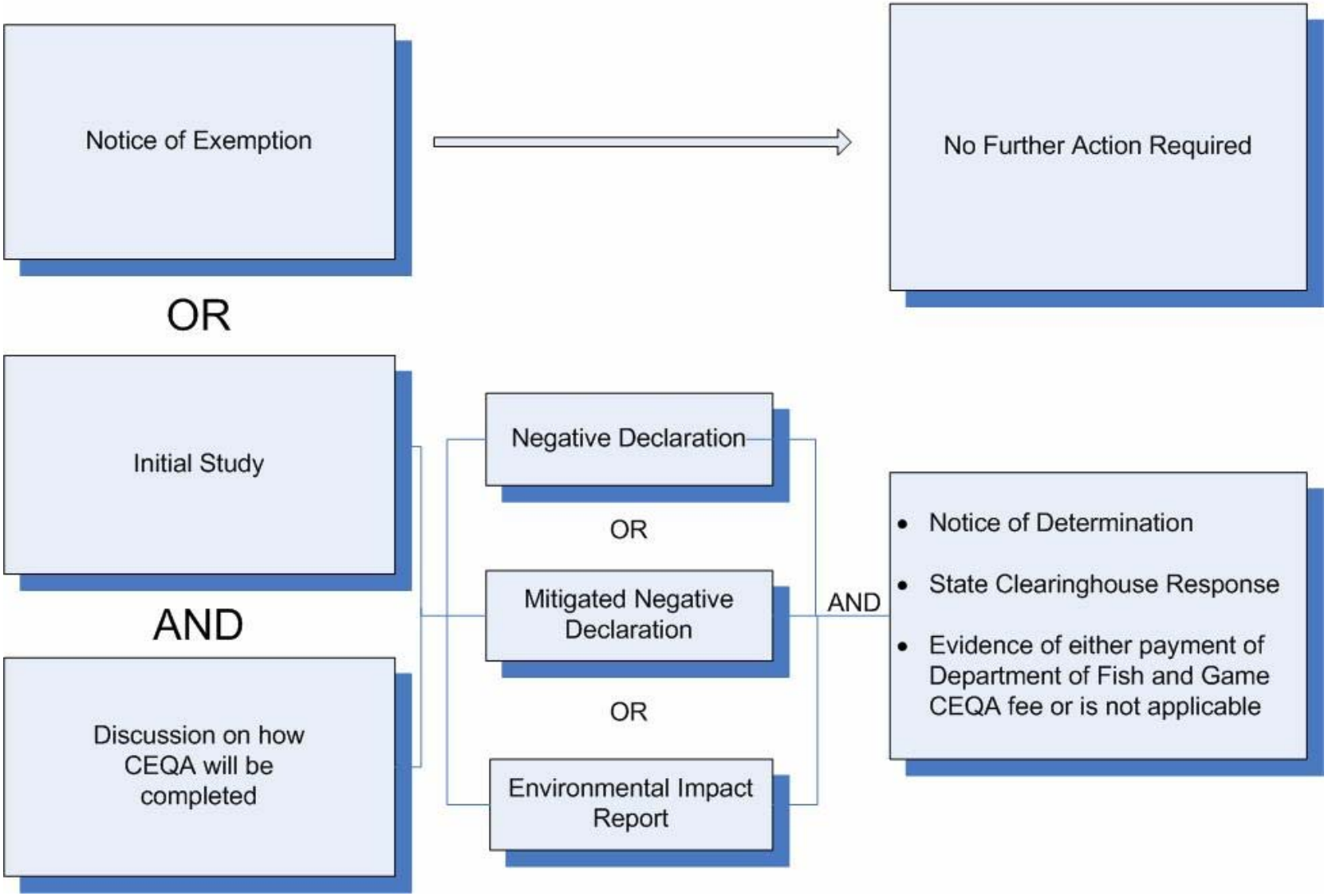
CEQA

THINGS TO WATCH FOR

- Minimum Requirements With Application
  - Initial Study
  - Plan for Completion, OR
  - Notice of Exemption
- Clarity
- Appropriate Exemption
- Filed with All Applicable Counties
- Master EIR
- Non-Profit Organizations

CEQA

Minimum Requirements



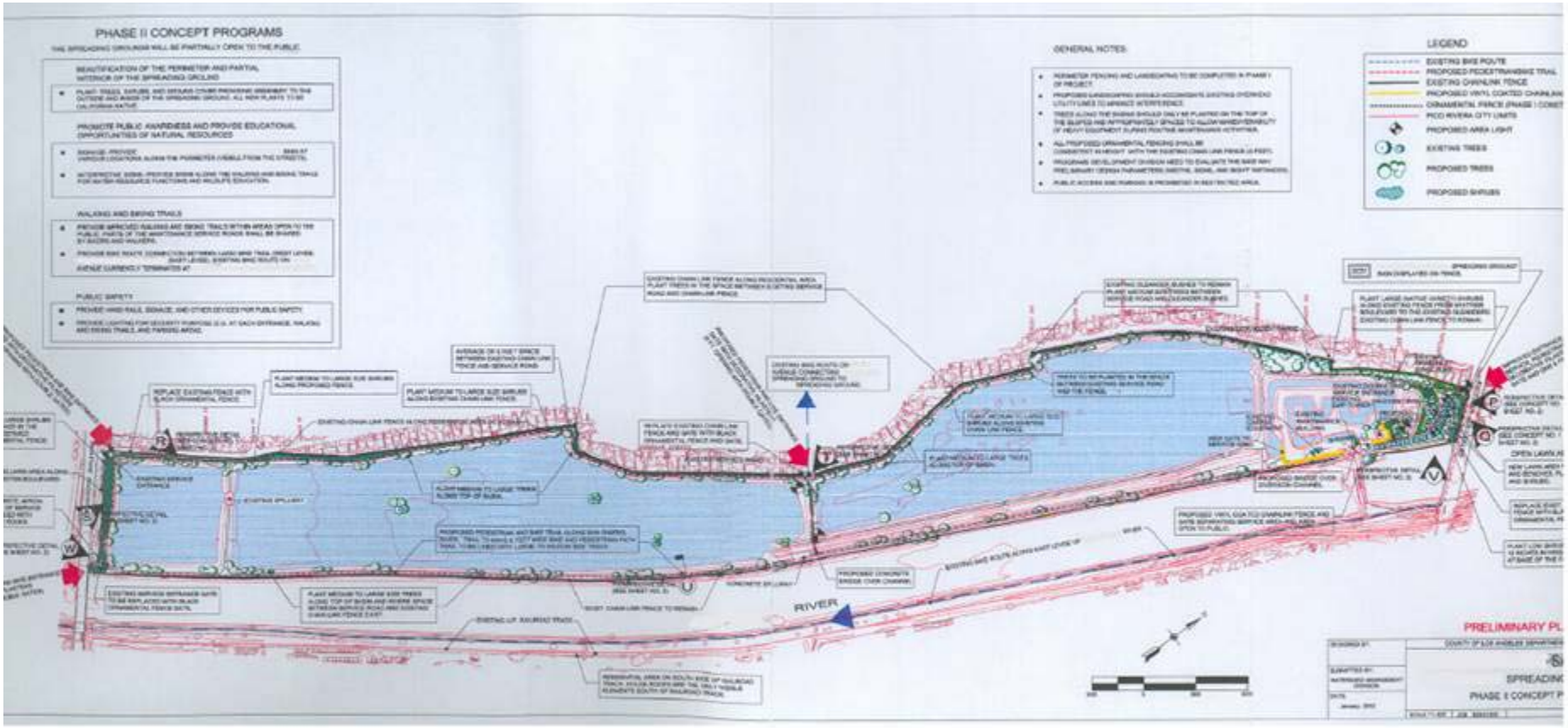
CEQA

FINAL COMMENTS

- Evaluation
- Where to find CEQA Guidelines & Statutes
  - http://ceres.ca.gov/ceqa/;
  - Or, Resources Agency home page http://resources.ca.gov and follow the links

SITE PLAN

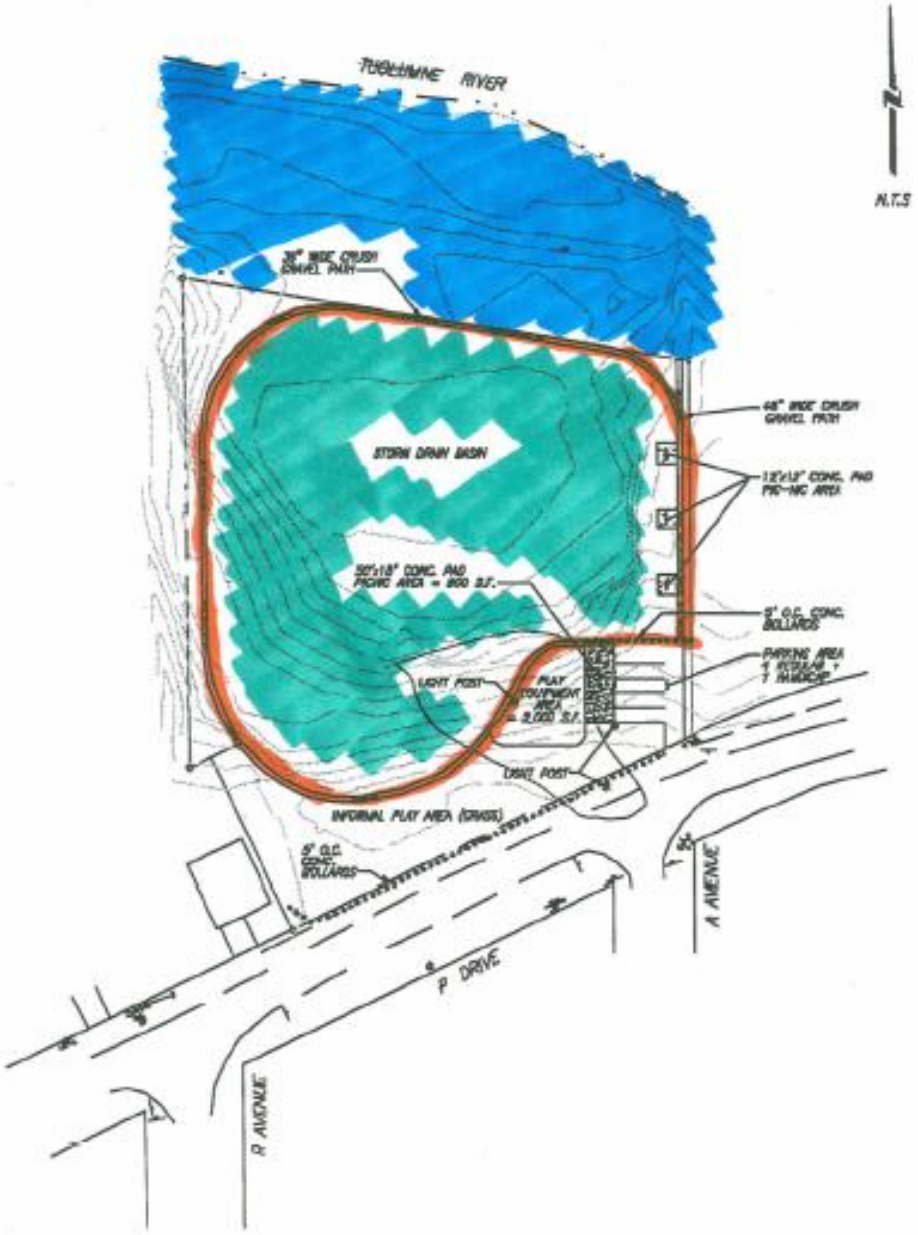
- Not a Big Budget? Not a Problem
- Contents
- Visual of the Project
- Location of Project Components
- Consistency with Narrative and Cost Estimate
- Site Visits
- Samples


PHASE II CONCEPT PROGRAMS
BEAUTIFICATION OF THE PERIMETER AND PARTIAL INTERIOR OF THE SPREADING GROUND
PROMOTE PUBLIC AWARENESS AND PROVIDE EDUCATIONAL OPPORTUNITIES OF NATURAL RESOURCES
WALKING AND BIKING TRAILS
PUBLIC SAFETY
GENERAL NOTES:
LEGEND
EXISTING BIKE ROUTE
PROPOSED PEDESTRIAN/BIKE TRAIL
EXISTING CHAINLINK FENCE
PROPOSED VINYL COATED CHAINLINK
ORNAMENTAL FENCE (PHASE I CONST
PROPOSED AREA LIGHT
EXISTING TREES
PROPOSED TREES
PROPOSED SHRUBS
RIVER
PRELIMINARY PL
SPREADING
PHASE II CONCEPT P

Site Plan

- Prop 40 Required Signage Locations

PARK/FISHING ACCESS
COUNTY DEPARTMENT OF PARKS & RECREATION



Land Tenure

Laurie Heller

Grants Administrator

Land Tenure refers to the holding of a piece of property, particularly the **manner** or term in which the property is held.

Fee Simple - Title

- Deed
- Assessor’s Parcel Map

Agreements with legal owner

COPY

APPENDIX A

JOINT EXERCISE OF POWERS
AGREEMENT AMONG THE
COUNTY OF SAN DIEGO AND THE
CITIES OF CHULA VISTA AND
SAN DIEGO
FOR PLANNING AND ACQUISITION
FOR THE OTAY VALLEY
REGIONAL PARK

THIS AGREEMENT, dated for convenience as of the 30th day of January 1990 among the Cities of Chula Vista and San Diego, and the County of San Diego, existing under the laws of the State of California (hereinafter referred to individually or collectively as Public Agencies).

W I T N E S S E T H

WHEREAS, the Public Agencies are each empowered by law to acquire and hold property and to plan and design public facilities and appurtenances for park purposes; and

WHEREAS, the Public Agencies desire to coordinate acquisition, planning and design of the Otay Valley Regional Park for the benefit of their citizens and the public; and

WHEREAS, it is believed that joint cooperation and participation among the Public Agencies will be mutually beneficial and in the public interest;

NOW, THEREFORE, the Public Agencies, Agree as follows:

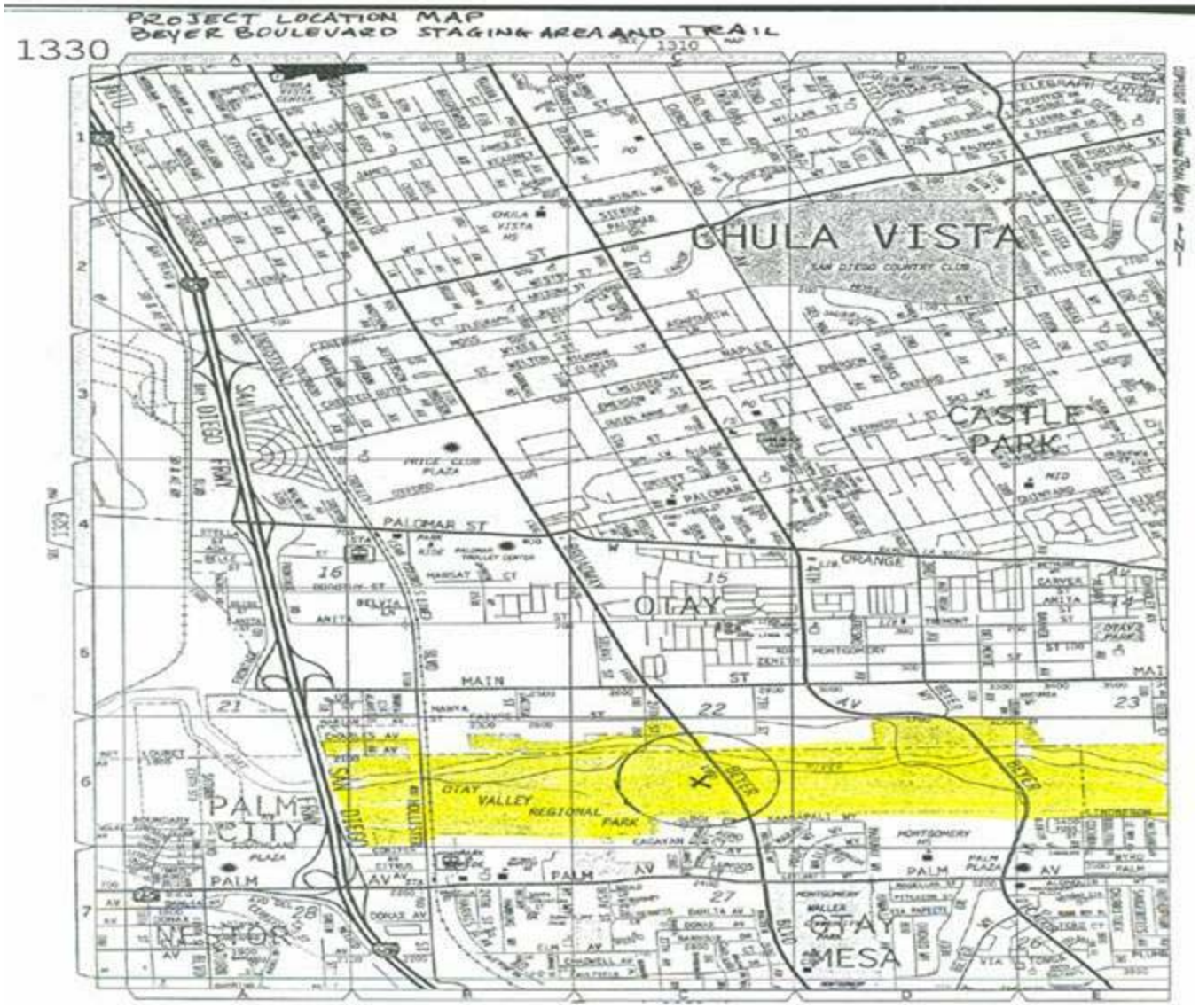
SECTION 1. Purpose.

This Agreement is made pursuant to the provisions of Article 1, Chapter 5, Division 7, Title 1 of the Government Code of the State of California commencing with Section 6500, (hereinafter referred to as the "Act") relating to the joint exercise of powers

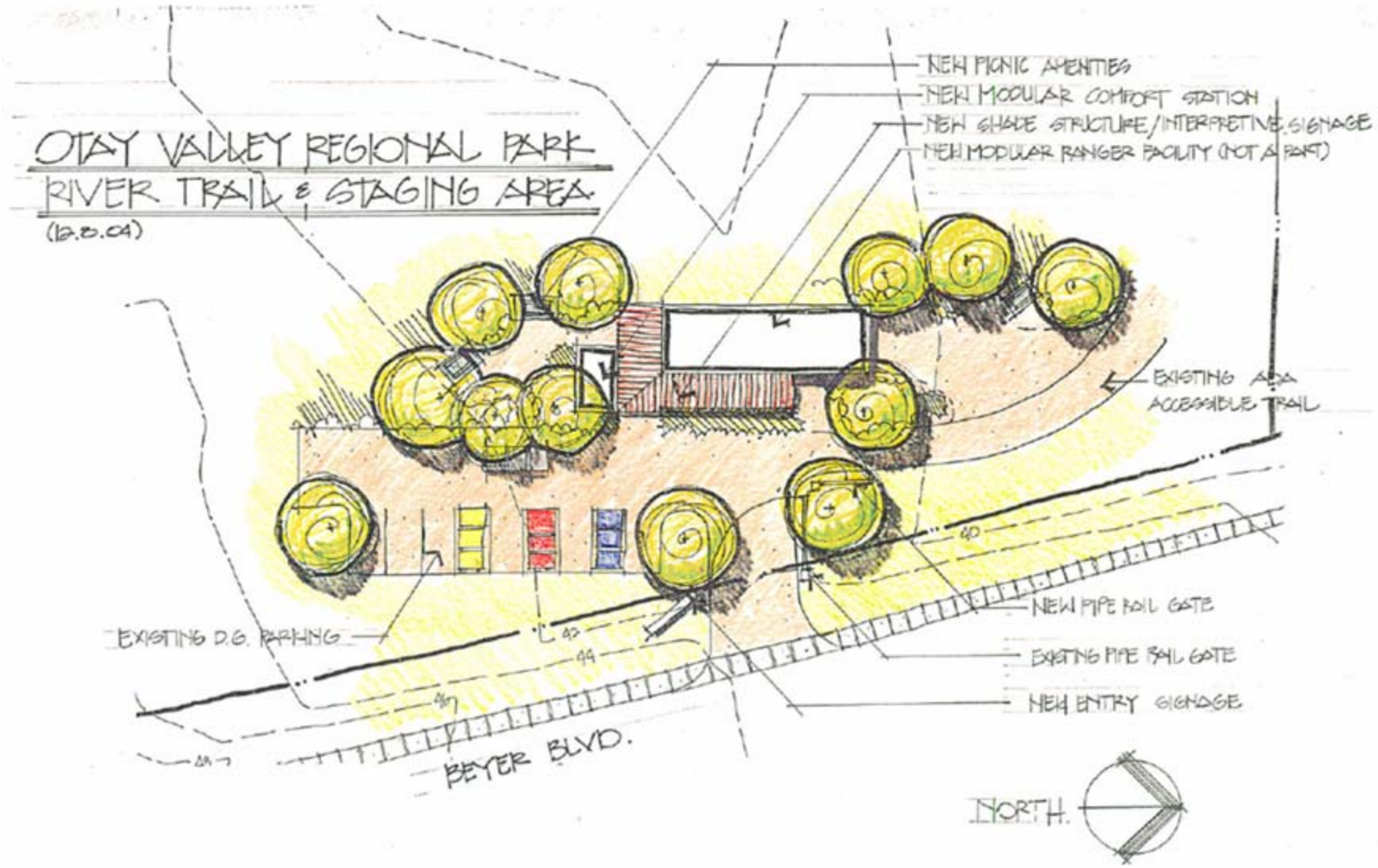
1

DOCUMENT NO. RR-275620
FILED APR 30 1990
OFFICE OF THE CITY CLERK
SAN DIEGO, CALIFORNIA

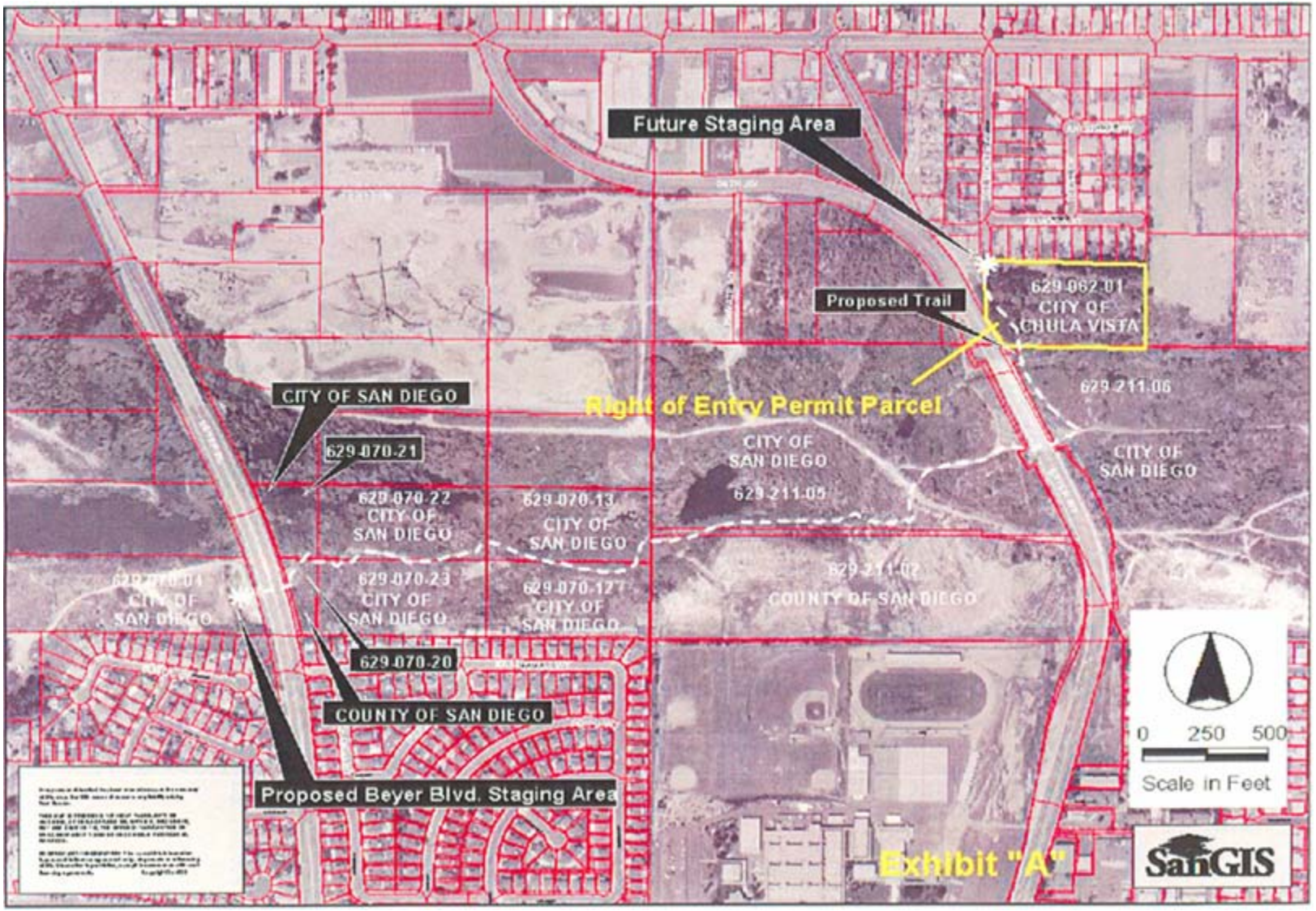
Project Location Map



Site Plan


OTAY VALLEY REGIONAL PARK
RIVER TRAIL & STAGING AREA
(12.10.04)
NEW PICNIC AMENITIES
NEW MODULAR COMFORT STATION
NEW SHADE STRUCTURE/INTERPRETIVE SIGNAGE
NEW MODULAR RANGER FACILITY (NOT A PART)
EXISTING ADA ACCESSIBLE TRAIL
NEW PIPE RAIL GATE
EXISTING PIPE RAIL GATE
NEW ENTRY SIGNAGE
EXISTING D.G. PARKING
BEYER BLVD.
NORTH

Annotated Assessor's Plat Map



Assessor's Parcel Map

Deed (s)

Recording Requested by: City Clerk

After recording mail to:

City Clerk
City of San Diego
Mail Station 2A

				AL
				PT

Doc. No. F 7257-1 Date Filed JUN 12 1998
Fee No. Date
Conv. Recorded Indexed
File/Page No. 1998-0361279
Date 6-15-98
Series Book

NO DOCUMENTARY TAX DUE - R&T 11922(amended)

APNs: 631-013-36, 631-020-20, 629-070-02, 629-070-26, 629-100-11, 629-100-12, 629-100-13, 629-070-13, 629-070-28, 629-100-10, 629-211-06, 628-051-07, 628-051-08, 629-062-01, 629-130-12, 629-130-17, 631-011-14, 631-011-16, 631-012-09, 631-012-10, 631-013-07, 629-070-03, 629-070-04, 629-100-07, 629-100-08, 629-100-09, 629-070-12

PARK & RECREATION

GRANT DEED

Chula Vista

MAR 09 2005

PARK PLANNING & DEVELOPMENT DIVISION

For and in consideration of a valuable consideration

H.G. FENTON COMPANY, a California Corporation, formerly known as H.G. Fenton Material Company

HEREBY GRANT(S) to the CITY OF SAN DIEGO, a municipal corporation, in the County of San Diego, State of California, an undivided seventy-five percent (75%) interest to all that real property situated in the City of San Diego and the City of Chula Vista, County of San Diego, State of California, described as follows:

See Exhibit "A" attached hereto and made a part hereof.

SUBJECT To existing easement, encumbrances, rights conditions, covenants and restrictions of record .

This is to certify that the interest in real property conveyed by this instrument to the City of San Diego, a municipal corporation, is hereby accepted by the undersigned officer on behalf of the City of San Diego pursuant to authority conferred by Resolution No. 250320, adopted by the Council of the City of San Diego on October 1, 1979, and the grantee consents to recordation thereof by its duly authorized officer.

Dated 6-11-98 By Michael R. Aguirre

H.G. FENTON COMPANY, a California Corporation, formerly known as H.G. Fenton Material Company

Otay Valley Regional Park 4/16/98/BLM

11

Recording Requested by: City Clerk

After recording mail to:

City Clerk
City of San Diego
Mail Station 2A

				AL
				PT

Doc. No. F 7257-2 Date Filed JUN 12 1998
Fee No. Date
Conv. Recorded Indexed
File/Page No. 1998-0361280
Date 6-15-98
Series Book

NO DOCUMENTARY TAX DUE - R&T 11922(amended)

APNs: 631-013-36, 631-020-20, 629-070-02, 629-070-26, 629-100-11, 629-100-12, 629-100-13, 629-070-13, 629-070-28, 629-100-10, 629-211-06, 628-051-07, 628-051-08, 629-062-01, 629-130-12, 629-130-17, 631-011-14, 631-011-16, 631-012-09, 631-012-10, 631-013-07, 629-070-03, 629-070-04, 629-100-07, 629-100-08, 629-100-09, 629-070-12

PARK & RECREATION

GRANT DEED

Chula Vista

MAR 09 2005

PARK PLANNING & DEVELOPMENT DIVISION

For and in consideration of a valuable consideration

H.G. FENTON COMPANY, a California Corporation, formerly known as H.G. Fenton Material Company

HEREBY GRANT(S) to the CITY OF SAN DIEGO, a municipal corporation, in the County of San Diego, State of California, an undivided twenty-five percent (25%) interest to all that real property situated in the City of San Diego and the City of Chula Vista, County of San Diego, State of California, described as follows:

See Exhibit "A" attached hereto and made a part hereof.

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Dated 6-11-98 By Michael R. Aguirre

H.G. FENTON COMPANY, a California Corporation, formerly known as H.G. Fenton Material Company

21

Otay Valley Regional Park 4/16/98/BLM

Common Deficiencies

Deeds or Assessor's Parcel Maps don’t identify *which* parcel they refer to.

Have Deed, but no parcel map. Have map, but no deed.

Lack a single map that clearly identifies ALL parcels of a multiple parcel project.

Land Tenure refers to the holding of a piece of property, particularly the manner or **term** (i.e., period of time) in which the property is held.

Plans to Operate & Maintain Property

Agreements to Operate & Maintain Property

CITY OF CHULA VISTA
RECREATION DEPARTMENT

February 25, 2005

City of San Diego
Park and Recreation Department
202 "C" Street, MS 35
San Diego, CA 92101

Dear Msrs:

Subject: Right of Entry Permit – APN 629-062-01 for the development, operation and maintenance of trails as it relates to the Otay Valley Regional Park Beyer Boulevard Staging Area and Trail Improvements

The City of Chula Vista ("City") hereby grants permission to the City of San Diego Park and Recreation Department ("Permittee") to enter upon the above-referenced City-owned property ("permit area"), as delineated on the attached Exhibit "A," upon the following terms and conditions:

1. Permittee or its agent's use of the permit area shall be limited to those portions of APN 629-062-01 as necessary for the purpose of developing, operating and maintaining a trail as shown in Exhibit "A", as a part of the Otay Valley Regional Park. Development of the trail shall comply with applicable provisions of the California Environmental Quality Act.

2. This permit shall be in effect upon execution hereof by City and Permittee and shall expire on March 31, 2027. The Permittee is required to operate and maintain the trail for twenty (20) years.

3. Permittee agrees to defend, indemnify, protect, and hold the City, its agents, officers, and employees harmless from and against any and all claims asserted or liability established for damages or injuries to any person or property, including injury to Permittee's employees, invitees, guests, agents, or officers, which arise out of or are in any manner directly or indirectly connected with the development or operation of the permit area or the work and operations to be performed under this agreement, and all expenses of investigating and defending against same; provided, however, that Permittee's duty to indemnify and hold harmless shall not include any claims or liability arising from the established active negligence, sole negligence, or sole willful misconduct of the City, its agents, officers, or employees.

4. Permittee agrees not to discriminate in any manner against any person or persons on account of race, color, religion, gender, sexual orientation, medical status, national origin,

276 FOURTH AVENUE • CHULA VISTA • CALIFORNIA 91910 • (619) 409-5979

Post-Consumer Recycled Paper

TERM

Acquisition Projects

The Grantee or the Grantee's successor in interest shall hold the real property only for the purpose for which the grant was made and make no other use or sale or other disposition of the property without the written permission of the State.

Development Projects

The Grantee shall maintain and operate the property developed pursuant to this grant for a period of:

a) At least 10 years for Grants up to $100,000

b) At least 20 years for Grants up to $1 million

c) At least 25 years for Grants over $1 million

Memo of Unrecorded Grant Agreement

Willing Seller Letter

1. They are a willing participant in the proposed real property transaction;
2. They are willing to enter into negotiations should funds become available;
3. They agree to sell the property – for a purchase price not to exceed Fair Market Value.

Dana Brazelton

Grants Administrator

Cost Estimate

- One of two base documents showing what your project will specifically accomplish and how much money it will cost.
  - Used by Auditors (if your organization is selected for audit) to determine if grant funds were utilized in accordance with the Grant Agreement and bond funds.
  - Used by Grants Administrators to determine project completion and compliance.
    - Needs to correlate directly with all Payment Requests

Cost Estimate

- Shows “at a glance”:
  - All Project Funding Sources
  - All Project Categories and Tasks
    - Category = “Project Management Costs” and “Construction”, etc.
    - Task = “Design”, “Surveying”, “Clearing and Grubbing”, etc.
  - All Project Costs

All Project Funding Sources

Sample A

Resources Agency	$135,000
FERC	$ 32,500
Park Bond Act	$131,000
Native Plant Society	$ 5,000
GRAND TOTAL	$ 303,500

All Project Categories and Tasks

Sample B

Description	Est. Qty	Unit	Price Per	Est. Amount
Category 1: Planning and Design				
Topo Survey	1	EA	10,000	10,000
Evaluation of Topo Survey, Aerial, Etc for Design	320	Hours	40	12,800
Drafting and Rendering	400	Hours	32	12,800
Engineering	320	Hours	90	28,800
DFG Permit Review	1	N/A	4,000	4,000
City Permit Review	1	N/A	5,000	5,000
Subtotal Category 1				*73,400*

All Project Costs

- Show Costs by Type, Unit, Quantity, and Total Dollar Amount (Line Item Detail)
- Subtotal per Project Category
- Total Costs per Funding Source
- Grand Total of Project

All Project Costs

Sample C

Installation of Trail Amenities	*Quantity*	*Unit*	*Cost Per*	*Subtotal*
Ornamental fence (5 ft. ht.)	7,550	l.f.	55.00	415,250
Ornamental fence gate (service/double)	5	ea	1,700.00	8,500
Vinyl coated chainlink fence (5 ft. ht.)	9,500	l.f.	25.00	237,500
Vinyl coated chainlink fence gate (service/double)	4	ea	1,850.00	7,400
**Removal of exist. Fence	17,050	l.f.	1.50	25,575
Trees (25'o.c.; 30%24"box,70%15gal.)	29,950	l.f.	10.00	299,500
Shrubs adj. to railroad yard (5 gal.@4'o.c.)	325	ea	25.00	8,125
Shrubs & Ground cover area (40%5gal@4'o.c.60%1gal.@3'o.c.)	254,000	s.f.	1.65	419,100
Removal of exist. Shrubs	6,000	s.f.	0.10	600
Irrigation for trees	31,250	l.f.	4.40	137,500
Irrigation for shrub areas	254,000	s.f.	2.00	508,000
Installation of Trail Amenities Subtotal				2,067,050

Cost Estimate

- A properly constructed cost estimate demonstrates project readiness by showing that each task associated with completing the project has been identified "priced", and accounted for in determining the appropriate grant fund request.

- Not a "shot in the dark"

“But, what if…?”

The initial cost estimate submitted with the grant application is preliminary and may change.

- There is a built-in process for updating the cost estimate.
- Grantees are able to shift funds between line items for a maximum of 10% per each Project Category, if necessary.
- Limit Contingency Funds to a maximum of 10% of your overall grant fund request.

Final Thoughts

- Be sure to use Consistent Terminology throughout your application to describe project tasks.
- Limit Project Management Costs to 25% of your total grant fund request.
- List Acknowledgement Signage as a separate line item.
- Double Check your Figures!

Other Sources of Funds

- Every organization that supplies funding for the project should be listed.
- This list should also include organizations that supply in-kind and/or volunteer work to the project.
- Document other sources of funding by submitting the Award Letter or Letter expressing their intent to fund.

Ron Lee

Grants Administrator

INFORMATION RESOURCES

- WEBSITE (http://resources.ca.gov)
- GRANT GUIDELINES
- TECH WORKSHOP POWER-POINT PRESENTATION
- TECH WORKSHOP HANDOUTS
- FAQs (Frequently Asked Questions)
- RESOURCE AGENCY-BONDS/GRANTS UNIT
    - ✓ E-MAIL
    - ✓ TELEPHONE
    - ✓ FAX
    - ✓ LETTER
- GRANT ADMINISTRATORS

STATE OF CALIFORNIA

resources

AGENCY

California River Parkways Program
Cost Estimate and Other Sources of Funding
COST ESTIMATE - SAMPLE A

	Description	Resources Agency	Federal Energy Regulatory Comm.	Park Bond Act (Per Capita)	Native Plant Society	TOTAL
Project Management Costs						
(not to exceed 25%)	Survey, plans, construction management	$12,280.00		$13,100.00		$25,380.00
Riparian Area						
Grubbing and Clearing	Approximately 1 acre	$3,000.00				$3,000.00
Planting native grasses and (20) trees	Creeping Wildrye, Yolo Slender Wheatgrass, Slender Hairgrass,	$3,000.00				$3,000.00
Pedestrian Nature Trails	305 Linear feet of crushed gravel path	$15,000.00				$15,000.00
Walk-in Boat path (trail nearest river)	330 Linear feet of crushed gravel path		$16,250.00			$16,250.00
Fencing - wooden	300 Linear feet on residential sides	$4,333.00				$4,333.00
Meadow/Storm Drain Basin						
Grubbing and Clearing	Approximately 1.2 acres	$3,000.00				$3,000.00
Irrigation/backflow	Approximately 1.2 acres			$30,000.00		$30,000.00
Planting (20-25) Native trees	Valley Oak, California Sycamore (incl. volunteers to plant)				$5,000.00	$5,000.00
Pedestrian Nature Trails	305 Linear feet of crushed gravel path	$13,100.00				$13,100.00
Walk-in Boat path (trail nearest river)	330 Linear feet of crushed gravel path		$16,250.00			$16,250.00
Fencing - wooden	600 Linear feet on residential sides	$8,667.00				$8,667.00
Picnic Tables	3 @ $500 each	$1,500.00				$1,500.00
Pedestal BBQs	3 @ $120 each	$360.00				$360.00
Trash Cans	3 - 32 Gallon Receptacles @ $160 each			$480.00		$480.00
Upper Tier						
Irrigation/backflow	Approximately 1 acre			$5,000.00		$5,000.00
Grubbing, Clearing, Grading/Compaction	Approximately 1 acre			$3,740.00		$3,740.00
Planting Native trees (10)	Valley Oak, California Sycamore	$1,900.00				$1,900.00
Sod	Approximately 1 acre- (type to be determined)			$5,950.00		$5,950.00
Bollards	Concrete Bollards 64 @ $330	$2,000.00				$2,000.00
Picnic Tables	3 @ $500 each	$1,500.00				$1,500.00
Pedestal BBQ's	3 @ $120 each	$360.00				$360.00
Security Lighting & Electrical Infrastructure	2 - Luminair Parking Lot and Pathway			$8,000.00		$8,000.00
Drinking Fountains/backflow	1 Drinking Fountain @ $6,000 each			$6,000.00		$6,000.00
Pedestrian Trail (ADA Compliance)	330 Linear feet of crushed gravel path	$8,000.00		$8,250.00		$16,250.00
Playground Equipment	Undetermined at this time			$50,000.00		$50,000.00
Small Parking Area	Asphalt - 4 regular parking & 1 handicapped	$51,000.00				$51,000.00
Trash Cans	3 - 32 Gallon Receptacles @ $160 each			$480.00		$480.00
Signage - Interpretive	Riparian Educational sign	$3,000.00				$3,000.00
Signage regarding source of funds	Park and Acknowledgement Sign	$3,000.00				$3,000.00
	GRAND TOTAL	**$135,000.00**	**$32,500.00**	**$131,000.00**	**$5,000.00**	**$303,500.00**

California River Parkways Program
Cost Estimate and Other Sources of Funding
COST ESTIMATE - **SAMPLE B**

Description	Est. Qty	Unit	Price Per	Est. Amount		
Category 1: Planning and Design						
Topo Survey	1	EA	10,000	10,000		
Evaluation of Topo Survey, Aerial, Etc for Design	320	Hours	40	12,800		
Drafting and Rendering	400	Hours	32	12,800		
Engineering	320	Hours	90	28,800		
DFG Permit Review	1	N/A	4,000	4,000		
City Permit Review	1	N/A	5,000	5,000		
Subtotal Category 1				*73,400*		
Category 2: Site Preparation						
Clearing and Grubbing	1	Acre	13,200	13,200		
Stripping	1900	CY	84	159,600		
Tree Removal	24	Trees	513	12,312		
Pavement Removal	300	Tons	63	18,900		
Sidewalk Removal	36	SY	28	1,008		
Curb Removal	310	LF	13	4,030		
Railing Removal	81	LF	24	1,944		
Subtotal Category 2				*210,994*		
Category 3: Construction (Labor and Materials)						
Construction Fencing	1731	LF	12	20,772		
Structural Fill	14300	CY	27	386,100		
Subgrade Preparation	2954	SY	5	14,770		
Aggregate Base	870	Tons	24	20,880		
Asphalt Concrete Paving	260	Tons	77	20,020		
Subgrade Preparation of Colored Paths	790	SY	5	3,950		
Asphalt Concrete Colored Paving	120	Tons	194	23,280		
Sidewalks and Ramps	1284	SY	47	60,348		
Curbs and Gutters	930	LF	24	22,320		
Fall Protection Railing	1040	LF	83	86,320		
Hand Rails	190	LF	22	4,180		
River Stone and Sandy Loam	450	Tons	148	66,600		
Boulders	24	CY	929	22,296		
Log Vanes	90	LF	206	18,540		
Footer Logs	50	LF	154	7,700		
Rootwads	76	LF	161	12,236		
Subtotal Category 3				*790,312*		
Grand Total of Project				**1,074,706**	*Total Grant Funds Requested*	*1,074,706*

California River Parkways Program
Cost Estimate and Other Sources of Funding
COST ESTIMATE - **SAMPLE C**

Materials and Installation of Trail Amenities	*Quantity*	*Unit*	*Cost Per*	*Subtotal*	*Resources Agency Grant*	*City Funds*	*Shrubs R Us Donation*	*Project Grand Total*
Ornamental fence (5 ft. ht.)	7,550	l.f.	55.00	415,250	415,250			
Ornamental fence gate (service/double)	5	ea	1,700.00	8,500	8,500			
Vinyl coated chainlink fence (5 ft. ht.)	9,500	l.f.	25.00	237,500	237,500			
Vinyl coated chainlink fence gate (service/double)	4	ea	1,850.00	7,400	7,400			
**Removal of exist. Fence	17,050	l.f.	1.50	25,575		25,575		
Trees (25'o.c.; 30%24"box,70%15gal.)	29,950	l.f.	10.00	299,500	100,000	199,500		
Shrubs adj. to railroad yard (5 gal.@4'o.c.)	325	ea	25.00	8,125			8,125	
Shrubs & Ground cover area (40%5gal@4'o.c.60%1gal.@3'o.c.)	254,000	s.f.	1.65	419,100	200,000	209,000	10,100	
Removal of Exotic Shrubs	6,000	s.f.	0.10	600		600		
Irrigation for trees	31,250	l.f.	4.40	137,500	137,500			
Irrigation for shrub areas	254,000	s.f.	2.00	508,000	503,000		5,000	
Installation of Trail Amenities Subtotal				2,067,050	1,609,150	434,675	23,225	
10% contingency					206,705			
Grand Total					1,815,855	434,675	23,225	**2,273,755**