

# Attachment F

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**STATE OF CALIFORNIA  
THE NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
AGREEMENT BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
MONTEREY COUNTY  
UNDER THE FLOOD CORRIDOR PROGRAM**

**THIS AGREEMENT**, made in quadruplicate and commencing this 18<sup>th</sup> day of June, 2014, is entered into by and between the Department of Water Resources of the State of California (hereinafter called the State, or DWR), and Monterey County, (hereinafter called the Grantee) for the Carmel River Floodplain Restoration and Environmental Enhancement Project.

The State and the Grantee agree as follows:

**SECTION 1 PURPOSE OF AGREEMENT**

This Agreement is made by and between the State and the Grantee to assist in financing a Flood Protection Project pursuant to the Disaster Preparedness and Flood Prevention Bond Act of 2006 (Public Resources Code Section 5096.800 et seq, Division 5, Chapter 1.699, Article 4), specifically Public Resources Code 5096.825.

Grant funds may be used only as provided in this Agreement for such Eligible Project Costs as set forth in the Scope of Work and Budget, copies of which are incorporated herein by this reference and set forth in Exhibit B, Project Location, Exhibit C, Scope of Work, and Exhibit D, Budget, which describe tasks to be accomplished and costs associated with those tasks under this Agreement.

**SECTION 2 TERM OF AGREEMENT**

This Agreement shall remain in effect for four (4) years from the date of execution. The date of execution shall be the last date of the required signatures of the parties to the Agreement. Certain activities specified in this Agreement have a different term such as maintenance responsibilities of the grantee which continue in perpetuity and require annual reporting for five years after project completion.

**SECTION 3 PROJECT COSTS**

The Total Project Costs (identified in Exhibit D) are estimated to be \$16,137,800.

**SECTION 4 STATE GRANT**

Pursuant to the Disaster Preparedness and Flood Prevention Bond Act of 2006, and subject to the availability of funds, including any mandates from the Department of

Finance, the Pooled Money Investment Board, or any other State authority, the State will reimburse the Grantee, in accordance with the terms of this Agreement, an amount equal to the Grantee's eligible expenditures for this project not to exceed \$5,000,000.00, as the State Share, as identified in Exhibit D, Budget. The State will not make payments of any kind—advances or reimbursements—until funding is made available by the State Treasurer, after allocation decisions are made by the Pooled Money Investment Board and Department of Finance.

#### **SECTION 5 GRANTEE'S COST SHARE AMOUNT**

The Grantee agrees to fund the difference, if any, between the actual Project Cost and the State Grant (Section 4). The total cost of the project will be paid for from a variety of sources including, the County cost of permitting and managing the project, the cost of the property, State and Federal Grants, and participation by the California Department of Transportation. The rate of payment of State grant funds expressed as a percentage share of the State Grant cannot exceed the rate of payment of expenses by the grantee expressed as a percentage of the grantee's share of project costs without prior State authorization. If the grant is cancelled for any reason, the Grantee's obligation to provide the required 10% local match remains in effect for all FCP funds expended to that point.

#### **SECTION 6 INCORPORATION OF STANDARD TERMS AND GRANTEE COMMITMENTS**

In addition to Exhibits B, C, and D, this agreement by this reference incorporates Exhibit A, Standard Terms and Exhibit E, Planned Maintenance Activities. The Grantee accepts and agrees to comply with all terms, provisions, conditions, and commitments of this Agreement, including all incorporated documents, and to fulfill all assurances, declarations, representations and statements made by the Grantee in the Application, documents, amendments and communications filed in support of its request for financing.

#### **SECTION 7 METHOD OF PAYMENT**

The Grantee shall submit invoices on a quarterly basis for non-capital costs and on an as-needed basis for capital costs, not to exceed one invoice per month. All payments will be made to the Grantee upon receipt of an original invoice by the State of California, Department of Water Resources, 3464 El Camino Avenue, Room 200, Sacramento, California 95821, to the attention of David Wright, Project Manager for the State. Invoices should include SAP contract number and work plan element identification.

The Grantee shall meet all conditions for disbursement of money under this Agreement, including the provisions of the Conditions for Disbursement which is located in Exhibit A.

Failure by Grantee to comply may, at the option of the State, result in termination of the Agreement.

## **SECTION 8 PROGRESS REPORTS AND STATEMENT OF COSTS**

The Grantee shall submit quarterly progress reports, starting with the end of the first complete calendar quarter after date of execution, describing the status of the Project and containing a Statement of Costs to the State. The submittal and approval by the State of these reports is a requirement for continued disbursement of State Grant funds. Progress reports shall summarize the work completed during the reporting period, include a statement of progress toward completion compared to the Project schedule, and provide a comparison of costs to date compared to the approved scope of work and Project budget. Additionally, if the grantee is aware of any anticipated problems, obstacles, or issues that could affect the project budget, schedule, or scope of work, they should be discussed in the progress reports.

## **SECTION 9 FINAL REPORTS**

Upon project completion or termination, the Grantee shall submit a Final Report describing project activities and a report of expenditures (Final Financial Report) for the State's review and comment. The Final Report and Final Financial Report shall both be submitted within sixty (60) days of the project completion or termination. The Final Report shall describe the results of the project's activities, and include photographs of pre-project conditions and of the work completed. The Grantee shall also submit a Post-Completion Annual Report of Maintenance Activities annually for five years following completion of the project, with the first report due 12 months after the project completion date.

For any construction activity undertaken pursuant to and funded by this agreement, upon completion of the project the Grantee shall provide for a final inspection and a written certification by a California Registered Civil Engineer that the project has been completed in accordance with final plans and specifications and any modifications thereto. Such certification shall be submitted to the State with a copy of the final report of project expenditures required in the paragraph below. The Grantee shall keep on file, for the useful life of the project, as built plans and specifications for the project. Such documents shall be made available for inspection by the State upon reasonable notice.

The Final Financial Report documenting total project expenditures shall be submitted by the Grantee at the same time as the Final Report.

## **SECTION 10 RELATIONSHIPS OF PARTIES**

The Grantee, its contractors, subcontractors, and their respective agents and employees required for performing any work under this Agreement shall act in an independent capacity and not as officers, employees, or agents of the State. Grantee is solely responsible for planning, design, construction, maintenance, and operation of the

activity undertaken pursuant to and funded by this agreement. Any review or approval by the State is solely for the purpose of proper administration of State funding and shall not be deemed to relieve or restrict Grantee's responsibility for its work.

## **SECTION 11 PERMITS, LICENSES, APPROVALS AND LEGAL OBLIGATIONS**

The Grantee shall be responsible for obtaining any and all permits, licenses and approvals required for performing any work under this Agreement, including those necessary for planning and implementing the Project. The Grantee shall be responsible for complying with all applicable federal, State and local laws, rules or regulations affecting any such work, specifically including, but not limited to, environmental, labor, procurement and safety laws, rules, regulations and ordinances.

Without limiting the foregoing, Grantee shall keep informed of and take all measures necessary to ensure compliance with the California Labor Code requirements, including but not limited to Section 1720 *et seq.* of the California Labor Code regarding public works, limitations on use of volunteer labor (California Labor Code Section 1720.4), labor compliance programs (California Labor Code Section 1771.5), and payment of prevailing wages for work done under this funding agreement.

Work that is subject to the California Environmental Quality Act (CEQA) and funded under this Agreement shall not proceed until documents that satisfy the CEQA process are received by the State Project Manager and the State has completed its CEQA compliance. Work funded under this Agreement that is subject to a CEQA document shall not proceed until and unless approved by the State Project Manager. Such approval is fully discretionary and shall constitute a condition precedent to any work for which it is required. Once CEQA documentation has been completed, the State will consider the environmental documents and decide whether to continue to fund the project or to require changes, alterations or other mitigation.

## **SECTION 12 GRANTEE'S RESPONSIBILITIES FOR WORK**

The Grantee shall be responsible for any and all disputes arising out of its contracts for work on the Project, including but not limited to bid disputes and payment disputes with the Grantee's contractors and subcontractors. The State will not mediate disputes between the Grantee and any other entity concerning responsibility for performance of work.

## **SECTION 13 PROJECT OFFICIALS AND NOTICES**

The State's Program Manager shall be the Chief, Division of Flood Management, Department of Water Resources. The State's Program Manager shall be the State's representative and shall have the authority to make determinations and findings with respect to each controversy arising under or in connection with the interpretation, performance, or payment for work performed under the Funding Agreement. The State's Program Manager may delegate any task to the State's Project Manager.

The Project Manager for the State is David Wright.

The Grantee's Program Manager shall be Benny Young, Director Monterey County Resource Management Agency. The Grantee's Program Manager shall be the Grantee's representative and shall have the authority to make determinations and findings with respect to each controversy arising under or in connection with the interpretation, performance, or payment of work performed under the Funding Agreement. The Grantee's Program Manager may delegate any task to the Grantee's Project Manager.

The Grantee Project Manager shall be John Ford, Management Analyst, Monterey County Resource Management Agency. The Grantee Project Manager shall be the Grantee's representative for the administration of the Agreement and shall have full authority to act on behalf of the Grantee, including authority to execute all payment requests. All communications given to the Project Manager shall be as binding as if given to the Grantee.

Either party may change its representative upon written notice to the other party. Any notice, demand, request, consent, or approval that either party desires or is required to give to the other party under this Funding Agreement shall be in writing to the Project Manager.

Notices required to be given to the State in writing by the Grantee under this Agreement shall be sent to:

David Wright, P.E., Senior Engineer, Water Resources  
State of California  
Department of Water Resources  
Flood Corridor Program  
3464 El Camino Avenue, Suite 200  
Sacramento, CA 95821

Notices required to be given to the Grantee in writing by the State under this Agreement shall be sent to:

Benny Young, Director  
Monterey County Resource Management Agency  
168 W. Alisal Street, 2<sup>nd</sup> Floor  
Salinas, CA 93901

A change of address for delivery or notice may be made by either party by written notice of such change of address to the other party.

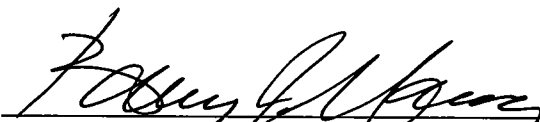
Notices may be sent by any of the following means: delivery in person, by certified U.S. Mail, postage prepaid, by "overnight" delivery service or, electronic transmission followed by submittal of a hard copy.

**SECTION 14 MAINTENANCE OF PROPERTY IMPROVED**

Grantee agrees to make provisions to insure that the property is used, managed, maintained, developed, rehabilitated, or restored with the grant funds provided in this Agreement consistent with the purposes of the program and is required to continue in perpetuity or until deemed no longer necessary by the State. Specific maintenance activities are outlined in Exhibit E, Planned Maintenance Activities. The Grantee or their successors may, with the approval of the State, transfer this responsibility to use, manage, and maintain the property as discussed in Exhibit A, Standard Terms: Easements.

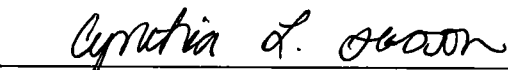
**IN WITNESS HEREOF**, the following authorized representatives have executed this Agreement as of the date first above written and approved as to Legal form and sufficiency.

**MONTEREY COUNTY**

By:   
Benny Young, Director Resource Management Agency

Date: 6/12/2014

Approved as to Legal Form and Sufficiency

By:   
Deputy County Counsel Cynthia L. Hasson

Date: 6-12-14



STATE OF CALIFORNIA, DEPARTMENT OF WATER RESOURCES

By: Keith E. Swanson  
Keith E. Swanson, Chief, Division of Flood Management

Date: 6/18/14

Approved as to Legal Form and Sufficiency

By: Robin E. Brewer  
Robin E. Brewer, Assistant Chief Counsel

Date: 6-13-14

**Attachments**

**List of Exhibits:**

**Exhibit A – Standard Terms**

**Exhibit B – Project Location**

**Exhibit C – Scope of Work**

**Exhibit D – Budget**

**Exhibit E – Planned Maintenance Activities**

## **STANDARD TERMS**

### 1. ACCOUNTING AND DEPOSIT OF GRANT DISBURSEMENT:

- a) **Separate Accounting of State Grant Disbursements and Interest Records:** The Grantee shall account for the money disbursed pursuant to this Agreement separately from all other Grantee's funds. The Grantee shall maintain audit and accounting procedures that are in accordance with generally accepted accounting principles and practices, consistently applied. The Grantee shall keep complete and accurate records of all receipts, disbursements, and interest earned on expenditures of such funds. The Grantee shall require its contractors or subcontractors to maintain books, records, and other documents pertinent to their work in accordance with generally accepted accounting principles and practices. Records are subject to inspection by the State at any and all reasonable times.
- b) **Disposition of Money Disbursed:** All money disbursed pursuant to this Agreement shall be deposited, administered, and accounted for pursuant to the provisions of applicable law.
- c) **Remittance of Unexpended Funds:** The Grantee, within a period of sixty (60) days from the final disbursement from the State to the Grantee of State Grant funds, shall remit to the State any unexpended funds that were disbursed to the Grantee under this Agreement and were not needed to pay Eligible Project Costs.
- d) **Interim and Final Audits:** The State reserves the right to conduct an audit at any time between the execution of this Agreement and the completion of the Project, with the costs of such audit borne by the State. After completion of the Project, the State may require the Grantee to conduct a final audit, at the State's expense.

Pursuant to Government Code Section 8546.7, the contracting parties shall be subject to the examination and audit of the State for a period of five (5) years after project completion. All Grantee's records and those of the Grantee's subcontractors related to this Agreement shall be retained for at least five (5) years after Project completion.

2. **ACKNOWLEDGEMENT OF CREDIT:** The Grantee shall include appropriate acknowledgement of credit to the State and to all cost-sharing partners for their support when promoting the Project, erecting signs at the project site, or using any data and/or information developed under the Agreement.
3. **AMENDMENT:** This Agreement may be amended at any time by mutual agreement of the parties, except insofar as any proposed amendments are in

any way contrary to applicable law. Requests by the Grantee for amendments must be in writing stating the amendment request and the reason for the request.

4. **AMERICANS WITH DISABILITIES ACT:** By signing this Agreement, Grantee assures the State that it complies with the Americans with Disabilities Act (ADA) of 1990, (42 U.S.C. 12101 et seq.), which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the ADA.
5. **ANTITRUST CLAIMS:** Grantee shall comply with all applicable laws and regulations regarding securing competitive bids and undertaking competitive negotiations in Grantee's contracts with other entities for acquisition of goods, and services and construction of public works with funds provided by the State under this Agreement.
6. **APPROVAL:** This Agreement is of no force or effect until signed by all parties to the agreement. Grantee may not submit invoices or receive payment until has all required signatures have been obtained.
7. **AVAILABILITY OF FUNDS:** Work to be performed under this Agreement is subject to availability of funds through the State's normal budget process.
8. **CALIFORNIA CONSERVATION CORPS:** As required in Water Code Section 79038(b), Grantee shall examine the feasibility of using the California Conservation Corps or community conservation corps to accomplish the habitat restoration, enhancement and protection activities listed in the Scope of Work (Exhibit C), and shall use the services of one of these organizations whenever feasible.
9. **CLAIMS DISPUTE:** Any claim that the Grantee may have regarding the performance of this agreement including, but not limited to, claims for additional compensation or extension of time, shall be submitted to the Project Manager, Department of Water Resources, within thirty (30) days of the Grantee's knowledge of the claim. Project Manager and Grantee shall then attempt to negotiate a resolution of such claim and process an amendment to this Agreement to implement the terms of any such resolution.
10. **COMPETITIVE BIDDING AND PROCUREMENTS:** Grantee shall comply with all applicable laws and regulations securing competitive bids and undertaking competitive negotiations in Funding Recipient's contracts with other entities for acquisition of goods and services and construction of public works with funds provided by State under this Funding Agreement.

11. **CONDITIONS FOR DISBURSEMENT:** The State shall have no obligation to disburse money under this Agreement unless and until the Grantee has satisfied the State that the disbursement is in accordance with the requirements of the legislation creating the funding source for the grant funds. Before engaging in site modifications to be paid for from State funds, the Grantee must complete the following:

- a) For Construction Projects, the Grantee must submit to the State, final plans and specifications certified by a California Registered Civil Engineer or equivalent documentation as to compliance with the approved Project.
- b) The Grantee must submit a written statement by an authorized representative that it has obtained all necessary permits, easements, rights-of-way and approvals as may be required by other State, federal, and/or local agencies, as specified in Section 11 of this Agreement.
- c) The Grantee must demonstrate compliance with the California Environmental Quality Act and if applicable the National Environmental Policy Act by submitting copies of any environmental documents, including environmental impact reports, environmental impact statements, negative declarations, mitigation agreements, legal notices and environmental permits as may be required prior to modifying the Project site.
- d) The Grantee must demonstrate continuing availability of sufficient funds to complete the Project.
- e) The Grantee shall develop, and submit for State approval, a plan to minimize the impacts to adjacent landowners (California Water Code Section 79041, Division 26, Chapter 5, Article 2.5). This plan may require completion of a hydrologic and hydraulic study, and if so the specifications will be included in Exhibit C, the project Scope of Work.

12. **CONFLICT OF INTEREST:**

- a) Current State Employees:  
No state officer or employee shall engage in any employment, activity or enterprise from which the officer or employee receives compensation or has a financial interest and which is sponsored or funded by any state agency, unless the employment, activity or enterprise is required as a condition of regular state employment.

No state officer or employee shall contract on his or her own behalf as an independent contractor with any state agency to provide goods or services.

- b) Former State Employees:

For the two year period from the date he or she left state employment, no former state officer or employee may enter into a contract in which he or she engaged in any of the negotiations, transactions, planning, arrangements or any part of the decision-making process relevant to the Agreement while employed in any capacity by any state agency.

For the twelve-month period from the date he or she left state employment, no former state officer or employee may enter into a contract with any state agency if he or she was employed by that state agency in a policy-making position in the same general subject area as the proposed Agreement within the twelve-month period prior to his or her leaving state service.

c) City/County/Non Profit Employees:

No employee, officer, employer or agency of the City/County/Non Profit shall participate in the selection or in the award or administration of a contract supported by State Funds if a conflict of interest, real or apparent, would be involved. The City/County/Non Profit shall comply with all applicable laws on conflict of interest including, but not limited to the following: Public Contract Code (PCC) Sections 10335.5 et seq., PCC Sections 10365.5 et seq., PCC Sections 10410 et seq., and Government Code Sections 1090 et seq., and 8100 et seq.

13. DRUG-FREE WORKPLACE CERTIFICATION: By signing this contract, the Grantee hereby certifies under penalty of perjury under the laws of the State of California that the Grantee will comply with the requirements of the Drug-Free Workplace Act of 1990 (Government Code Section 8350 et seq.) and will provide a drug-free workplace by taking the following actions:

- a) Publish a statement notifying employees, contractors and subcontractors that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees, contractors or subcontractors for violations.
- b) Establish a Drug-Free Awareness Program to inform employees, contractors and subcontractors about all of the following:
  - 1. The dangers of drug abuse in the workplace,
  - 2. The Grantee's policy of maintaining a drug-free workplace,
  - 3. Any available counseling, rehabilitation and employee assistance programs, and
  - 4. Penalties that may be imposed upon employees, contractors or subcontractors for drug abuse violations.
- c) Every employee, contractor and subcontractor who works under this Agreement:

1. Will receive a copy of the Grantee's drug-free policy statement, and
  2. Will agree to abide by terms of the Grantee's statement as a condition of employment, contract or subcontract.
14. **EASEMENTS:** Where the Grantee acquires property in fee title or funds improvements to property already owned in fee by the Grantee using grant funds provided through this Agreement, or proposes that property be conserved as open space and such conserved property is used in determining the benefits score for the project, an appropriate easement or other title restriction providing for floodplain preservation and agricultural and/or wildlife habitat conservation for the subject property in perpetuity, approved by the State, shall be conveyed to a regulatory or trustee agency or conservation group acceptable to the State. Any easement or other title restriction applied to any portion of the project area as part of the project must be in first position ahead of any recorded mortgage or lien on the property unless this requirement is waived by the State.

Where the Grantee acquires an easement under this Agreement, the Grantee agrees to monitor and enforce the terms of the easement, unless the easement is subsequently transferred to another land management or conservation organization or entity with State permission, at which time monitoring and enforcement responsibilities will transfer to new easement owner.

Failure to provide an easement acceptable to the State can result in termination of this Agreement.

15. **ELIGIBLE PROJECT COSTS:** Grantee shall apply State Grant funds received only to eligible project costs, as identified in Exhibit D - Budget.
16. **GOVERNING LAW:** This Agreement is governed by and shall be interpreted in accordance with the laws of the State of California.
17. **INDEMNIFICATION:** Grantee shall indemnify and hold and save the State, its officers, agents, and employees, free and harmless from any and all liabilities for any claims and damages (including inverse condemnation) that may arise out of the Project and this Agreement, including, but not limited to any claims or damages arising from the planning, design, construction, maintenance and/or operation of levee rehabilitation measures for this Project and any breach of this Agreement. Grantee shall require its contractors to name the State, its officers, agents, and employees as additional insureds on their liability insurance for activities undertaken pursuant to this Agreement.
18. **INSPECTIONS OF PROJECT BY STATE:** The State shall have the right to inspect the work being performed at any and all reasonable times during the term of the Agreement. This right shall extend to any subcontracts, and the

Grantee shall include provisions ensuring such access in all its contracts or subcontracts entered into pursuant to its Agreement with the State.

19. **INSPECTIONS OF BOOKS, RECORDS AND REPORTS:** During regular office hours, each of the parties hereto and their duly authorized representatives shall have the right to inspect and to make copies of any books, records, or reports of either party pertaining to this Funding Agreement or matters related hereto. Each of the parties hereto shall maintain and shall make available at all times for such inspection accurate records of all its costs, disbursements, and receipts with respect to its activities under this Funding Agreement. Failure or refusal by Grantee to comply with this provision shall be considered a breach of this Funding Agreement, and the State may withhold disbursements to Grantee or take any other action it deems necessary to protect its interests as provided in the Funding Agreement.
20. **LABOR COMPLIANCE PLAN:** Prior to awarding a contract for public works projects funded in whole or in part from Proposition 84, the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006, or any other source of funding so requiring, the Grantee shall comply with Public Resources Code Section 75075, which requires adoption and enforcement of a labor compliance program pursuant to subdivision (b) of Labor Code Section 1771.5 for application to the funded public works project. At the State's request, Grantee must promptly submit written evidence of its compliance with Labor Compliance Program requirements.
21. **NONDISCRIMINATION:** During the performance of this Agreement, the Grantee, its contractors, and subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status, and denial of family care leave. Grantee and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Grantee and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Govt. Code § 12990 (a-f) et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et. seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code § 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Grantee and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

Grantee shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Funding Agreement.

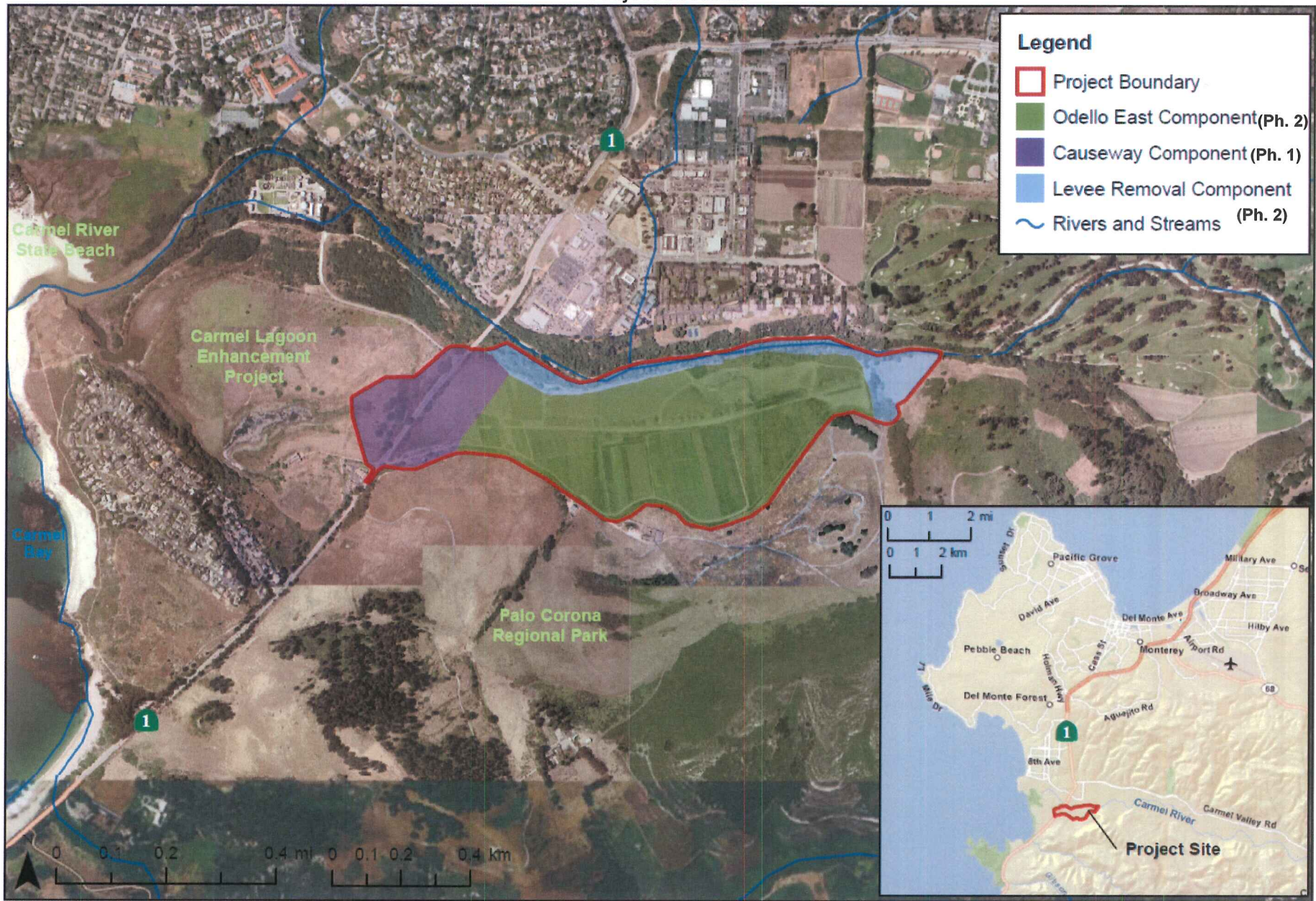


22. **PROHIBITION AGAINST DISPOSAL OF PROPERTY WITHOUT STATE PERMISSION:** The Grantee shall not sell, abandon, lease, transfer, exchange, mortgage, hypothecate, or encumber in any manner whatsoever all or any portion of any real or other property necessarily connected or used in conjunction with the Project, without prior permission of the State. The Grantee shall not take any action, including but not limited to actions relating to user fees, charges, and assessments that could adversely affect the ability of the Grantee to meet its obligations under this Agreement, without prior written permission of the State. The State may require that the proceeds from the disposition of any real or personal property be remitted to the State, up to the value of the State funds disbursed to the Grantee for improvements to the property under this Agreement.
23. **REIMBURSEMENT CLAUSE:** If applicable, travel and per diem expenses to be reimbursed under this contract shall be the same rates the State provides for unrepresented employees in accordance with the provisions of Title 2, Chapter 3, of the California Code of Regulations.
24. **SEVERABILITY:** In the event that any provision of this Agreement is unenforceable or held to be unenforceable, then the parties agree that all other provisions of this Agreement have force and effect and shall not be affected thereby.
25. **SUCCESSOR AND ASSIGNS:** This Agreement and all of its provisions shall apply to and bind the successors and assigns of the parties hereto. No assignment or transfer of this Agreement or any part thereof, rights hereunder, or interest herein by the Grantee shall be valid unless and until it is approved by the State and made subject to such reasonable terms and conditions as the State may impose.
26. **TERMINATION WITHOUT CAUSE:** The State may terminate this Agreement without cause on thirty (30) days advance written notice. The Grantee shall be reimbursed for all reasonable expenses incurred up to the date of termination.
27. **TERMINATION FOR CAUSE:** The State may terminate this Agreement and be relieved of any payments should the Grantee fail to perform the requirements of this Agreement at the time and in the manner herein provided including but not limited to reasons of default under Standard Term 28 – Termination By Grantee.
28. **TERMINATION BY GRANTEE:** Subject to State approval which may be reasonably withheld, Grantee may terminate this Agreement and be relieved of contractual obligations. In doing so, Grantee must provide a reason(s) for termination. Grantee must submit all progress reports summarizing accomplishments up until termination date. If the grant is cancelled, the Grantee obligation to provide the required 10% local funding remains in effect

for all Flood Corridor Program funds expended to that point.

29. **THIRD PARTY BENEFICIARIES:** The parties to this Agreement do not intend to create rights in, or grant remedies to, any third party as a beneficiary of this Agreement, or any duty, covenant, obligation or understanding established herein.
30. **TIMELINESS:** Time is of the essence in this Agreement.
31. **WITHHOLDING OF GRANT FUNDS BY STATE:**
- a) **Withholding Clause:** The State, at its discretion, may withhold ten percent (10%) of the funds requested by the Grantee for reimbursement of Eligible Project Costs until applicable milestones are completed or until the Project is completed and Final Report is received. Withheld funds may be released upon completion of milestones identified in Exhibit C, the project Scope of Work.
  - b) **Additional Conditions for Withholding:** If the State determines that the Project is not being completed substantially in accordance with the provisions of this Agreement or that the Grantee has failed in any other respect to comply substantially with the provisions of this Agreement, and if the Grantee does not remedy any such failure to the State's satisfaction, the State may withhold from the Grantee all or any portion of the State Grant commitment and take any other action that it deems necessary to protect its interests.
32. **WORKERS' COMPENSATION:** The Grantee affirms that it is aware of the provisions of Section 3700 of the California Labor Code, which require every employer to be insured against liability for workers' compensation or to undertake self insurance in accordance with the provisions of that code, and the Grantee affirms that it will comply with such provisions before commencing the performance of the work under this Agreement and will make its contractors and subcontractors aware of this provision.

### Carmel River Floodplain Restoration and Environmental Enhancement Project Project Location



## SCOPE OF WORK

### MONTEREY COUNTY Carmel River Floodplain Restoration and Environmental Enhancement Project

#### I. Project Goals and Objectives

The Carmel River Floodplain Restoration and Environmental Enhancement Project (Project) is a multi-objective project that combines flood protection, wildlife corridor and habitat enhancement, agricultural land protection, storm water detention, and public recreation on a 130-acre site in the lower Carmel River floodplain.

##### Project Objectives

- A. Reduce Flood Flows in Urban Areas: County Services Area 50 (CSA-50) is a developed area located along the north side of the lower Carmel River and includes the highest number of repetitive loss properties in Monterey County. Of the 147 acres of developed land in CSA-50, approximately 105 acres flood during the 50-year flood event and all 147 acres flood during the 100-year event. The Project will reconnect the historic floodplain on the south side of the River, by removal of levees and excavation of material in the floodplain. This expanded floodplain will receive the floodwaters moving water away from the developed areas of the floodplain and reduce the water surface elevations by an estimated 0.5-1.0 foot during a 100-year storm event. This is expected to reduce potential liabilities for flood damage costs for up to 50 repetitive loss structures in Monterey County and reduce the number of structures needing coverage under the federal Flood Insurance Program.
- B. Increase Riparian and Wetland Habitat: The Project will restore approximately 90 acres of riparian and wetland habitat in the historic floodplain, providing increased habitat acreage for sensitive species including steelhead trout, California red-legged frog, and western pond turtle, as well as six additional state species of concern. The project will provide increased quantity and quality of breeding and/or foraging habitat for 27 avian species that have been identified by one or more bird conservation plans as species of concern.
- C. Provide Habitat Connection Across the Floodplain: The Project includes a flood conveyance by-pass or causeway under Highway 1. This causeway will be sized such that large animals can migrate between the open space area connecting to the Carmel Lagoon on the west with the recreated wetlands on the east side of Highway 1. This will provide a connection under Highway 1 for wildlife species utilizing over 25,000 acres of protected habitat areas in the immediate project vicinity.
- D. Protect Agricultural Land from Flooding: The Project will establish a permanent 36-acre organic farm above the level of the 100-year floodplain. The material removed



from the reconstituted floodplain will be used to fill the farm land to the south. The resulting farm land would then not be subject to inundation in a flood event.

- E. Improve Water Quality: The Project will provide additional filtration for sediment and nutrients through the creation of a functioning floodplain and associated riparian habitat and wetlands, resulting in improved water quality in the surface and groundwater flows entering the Carmel River Lagoon, the Carmel Bay (State-designated Area of Special Biological Significance, Marine Protected Area, and Critical Coastal Area) and the Monterey Bay National Marine Sanctuary.
- F. Recharge Groundwater and Base Flows to the Carmel River: The Project will address one of the watershed's most critical environmental concerns - very low or no flow in the Lower Carmel River and Carmel Lagoon during the dry season. The restored floodplain will expose storm water to a greater surface area which will provide for a greater degree of water infiltration to the aquifer. Groundwater monitoring wells established on the project site in 2009 documented that groundwater recharge from the Carmel River establishes a base level in the aquifer underlying the Project site. Sedimentary interbedding on the floodplain provide additional capacity for infiltration and recharge to the aquifer above this base level. Due to these conditions, opportunities exist on the parcel to enhance groundwater recharge.
- G. Public Trails and Recreation: The Project will include a public trail along the southern edge of the farm field and will link to over 5000 acres of public land (Palo Corona Regional Park) immediately adjacent to the project site.

## II. Project Description

The project consists of two interrelated phases. Each phase is an integral component of the overall project, but they are differentiated because each has a set of constraints which may result in one phase moving along faster than the other phase. The phases are described as follows:

### Phase One – Causeway

Phase One includes reconstruction of Highway 1 south of the Carmel River Bridge in including a 520-foot long flood by-pass or conveyance causeway under State Route 1 and contouring the embankments along the Highway consistent with current California Department of Transportation standards. The causeway will allow floodwaters from the Carmel River to flow into the south branch of the Carmel River channel which was dammed with installation of State Route 1. Excess material taken from the road bed for the causeway will be placed in the "fill" area for the agricultural preserve.

### Phase Two – Levee Removal, Agricultural Preserve, Restoration of Floodplain Habitat

Phase Two will include: removal of approximately 2,400 linear feet of the levee along the south side of the Carmel River, grading of approximately 55 acres of existing farmland to create restored floodplain habitat and filling approximately 36 acres of land to create an agricultural preserve above the 100-year floodplain. The grading on the existing 55 acres of farmland area will result in 36 acres of farmland above the 100 year floodplain, and 19 acres

of land restored to floodplain. The floodplain restoration grading will be designed for the re-establishment of riparian vegetation and grading for a public trail. The soil excavated from the levee removal and floodplain restoration will be used to fill the new agricultural preserve area. The ability to retain fill material on site will result in significant cost savings. Upon completion of grading, the restored floodplain will be planted with native species and invasive species control will occur as part of the restoration plan.

### **III. Tasks and Deliverables**

Subtasks in bold indicate project elements funded under this Agreement.

#### Task 1: Administration

##### **Subtask 1.1 Quarterly Progress Reports**

Progress reports will be submitted to DWR on a quarterly basis in accordance with Section 8 of this Agreement.

- Deliverable: Quarterly Progress Reports

##### **Subtask 1.2 Final Report**

The final report will be submitted in accordance with Section 9 of this Agreement. It will include a description of results of project activities, as well as photographs of pre-project conditions and work completed.

- Deliverable: Final Report

##### **Subtask 1.3 Written Certification by California Registered Civil Engineer**

Per Section 9 of this Agreement, the completed construction will be inspected and written certification of conformance with final approved contract documents, including project plans and specifications will be provided by a registered Civil Engineer.

- Deliverable: Wet-stamped certification by a registered Civil Engineer on final record drawings and appropriate contract documents.

##### **Subtask 1.4 Final Financial Report**

The final financial report will be submitted in accordance with Section 9 of this Agreement. It will be submitted concurrently with the final report.

- Deliverable: Final Financial Report

##### **Subtask 1.5 Post Completion Reports**

This subtask includes the delivery of an annual report of maintenance activities on an annual basis in accordance with Section 9 of this Agreement and Exhibit E: Planned Maintenance Activities.

- Deliverable: Annual Maintenance Summary Report

## Task 2: Design

### Subtask 2.1 Causeway Design

This subtask includes work associated with advancing the design of the causeway. This work includes updates to the Hydrologic and Hydraulic Study.

- Deliverable: Updated Hydrologic and Hydraulic Study

### Subtask 2.2 Project Study Report for Caltrans

### Subtask 2.3 Restoration Plan

A restoration plan including planting ratios, success criteria for monitoring, and a monitoring plan will be developed as part of this subtask.

- Deliverable: Final Restoration Plan

### Subtask 2.4 Finalize Plans

### Subtask 2.5 Prepare Stormwater Pollution Prevention Plan (SWPPP)

This subtask includes preparation of a Storm Water Pollution Prevention Program in accordance with State and Federal requirements to protect water quality during construction and implementation of the project.

- Deliverable: SWPPP

### Subtask 2.6 Construction Staking, Management, and Testing

This subtask includes construction staking services performed under the direction of a licensed Land Surveyor, project management, and soils testing.

- Deliverable: Completed Highway 1 Plans, Restoration Plans, and SWPPP.

## Task 3: Property Acquisition

### Subtask 3.1 Acquisition of Easements for construction of Causeway.

### Subtask 3.2 Property Tenure/Acquisition

- Deliverables: Phase 1: Construction Easements, Phase 2: Property Title.

## Task 4: Permitting and Environmental Review

### Subtask 4.1 Preparation and Public Review of Negative Declaration

A subsequent Initial Study and Mitigated Negative Declaration/Environmental Assessment or Finding of No Significant Impact will be prepared to address the work within the Caltrans Right of Way. The County of Monterey will function as Lead agency for the CEQA document and Caltrans will coordinate the NEPA document.

- Deliverable: Mitigated Negative Declaration and public comment letters

**Subtask 4.2 Coastal Development Permit from California Coastal Commission**

- Deliverable: Coastal Development Permit

**Subtask 4.3 Encroachment Permit**

- Deliverable: Encroachment Permit from California Department of Transportation

**Subtask 4.4 Section 401 National Pollutant Discharge Elimination Systems (NPDES) Permit**

- Deliverable: Section 401 NPDES Permit from Central Coast Regional Water Quality Control Board

**Subtask 4.5 Section 404 Permit**

- Deliverable: Clean Water Act Section 404 Permit

**Subtask 4.6 Streambed Alteration Agreement**

- Deliverable: Section 1603 Streambed Alteration Agreement from California Department of Fish and Wildlife

**Subtask 4.7 Section 4(f) Compliance with US Department of Transportation**

- Deliverable: Documentation of compliance.

**Task 5: Project Implementation**

**Subtask 5.1: Project Administration**

This subtask includes cost associated with administration of the project implementation and grant administration, including staff labor and project-related overhead costs. In addition, a Plan to Minimize Impacts to Adjacent Landowners will be drafted and submitted to the satisfaction of DWR in accordance with Water Code Section 79041.

- Deliverable: Invoices, Labor charges, overhead costs, receipts, and backup documentation.
- Deliverable: Plan to Minimize Impacts to Adjacent Landowners

**Subtask 5.2: Contractor Procurement**

**5.2.1: Bidding Period**

- Send out Request for Proposals
- Pre-bid meeting
- Answer questions from prospective contractors

**5.2.2 Bid opening and contract award**

- Receive Proposals and bids



- Evaluate proposals
- Negotiate final contract

5.2.3 Notice to proceed

- Issue notice to proceed

**Subtask 5.3: Construction Activities**

- Deliverables: Project status reports

**5.3.1 Existing Utility Removal and Replacement**

This task involves the removal and temporary relocation of existing overhead utilities along Highway 1. The utilities along Highway 1 will be installed underground as part of the causeway improvements.

**5.3.2 Temporary Detour Construction**

This subtask includes construction of a temporary detour on east side of State Route 1.

**5.3.3 Embankment Removal and Causeway Construction**

Remove and replace existing State Route 1 to include new slope embankments and a new 520-foot long causeway under State Route 1. Remove temporary detour and restore topography.

**5.3.4 Utility removal Along Existing Levee**

This task involves the removal and relocation of existing overhead utilities along the Levee along the south side of the Carmel River. The utilities along Highway 1 will be installed underground as part of the causeway improvements.

**5.3.5 Levee and Debris Removal**

Removal of approximately 2,400 feet of existing levee and debris along the south side of the Carmel River and placement of fill in an area designated to be organic farmland elevated out of the floodplain.

**5.3.6 Initial Grading**

This subtask includes the grading and re-contouring of the east edge of the Odello property to allow flood flows to access the floodplain via the south bank of the Carmel River.

**5.3.7 Finish Grading**

This subtask includes activities to restore area within restored floodplain to support a riparian environment and creation of agricultural preserve area outside of the floodplain. It includes top soil installation.

**5.3.8 Planting of Vegetation (Seeding)**

This subtask includes planting of vegetation in the floodplain area. Application methods include hydro seeding.

**5.3.9 Construction Biological Monitoring**

This subtask includes the biologist being on site to conduct pre-construction surveys, and ongoing site monitoring as required by the Mitigation Measures contained in the CEQA/NEPA document. The Biologist will provide reports of their findings and recommendations in the event that unexpected biological resources are potentially impacted.

**5.3.10 Storm Water Pollution Prevention Program**

This subtask includes implementation of a Storm Water Pollution Prevention Program to protect water quality during construction and during implementation of the project.

Subtask 5.4 Notice of Completion

**Task 6: Construction Implementation**

Subtask 6.1 As-Built Engineering Documentation

- Deliverable: As-Built Engineering Documentation (Plans and Specifications)

**Subtask 6.2 Post Construction Mitigation Monitoring**

Maintenance and monitoring will be conducted in accordance with Section 9 of this Agreement and Exhibit E: Planned maintenance activities.

- Deliverable: Annual Maintenance Summary Report

IV. Schedule

Task	2014												2015												2016												2017												2018					
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
<b>1 - Administration</b>																																																						
1.1 Quarterly Progress Reports					X			X			X			X			X			X			X			X			X			X			X			X			X			X			X							
1.2 Final Report																																																	X	X				
1.3 Written Certification																																																	X	X				
1.4 Final Financial Report																																																	X	X				
1.5 Post Completion Reports																																																	X	X				
<b>2 - Design</b>																																																						
2.1 Causeway Design	X	X	X	X	X	X	X																																															
2.2 Project Study Report Complete							X	X	X	X	X																																											
2.3 Restoration Plan							X	X	X	X	X																																											
2.4 Finalize Plans										X	X	X	X																																									
2.5 SWPPP Preparation												X	X																																									
2.6 Construction Staking, Management, and Testing																X	X	X	X																																			
<b>3 - Property Acquisition</b>																																																						
1.1 Acquisition of Easements					X	X	X	X																																														
1.2 Property Tenure							X	X	X	X	X	X																																										
<b>4 - Permitting and Environmental Review</b>																																																						
4.1 Preparation and Public Review of Negative Declaration						X	X	X	X																																													
4.2 Coastal Development Permit						X	X	X	X	X	X	X	X	X																																								
4.3 Encroachment Permit									X	X	X	X	X	X																																								
4.4 Section 401 (NPDES) Permit									X	X	X	X	X	X																																								
4.5 Section 404									X	X	X	X	X	X																																								
4.6 Streambed Alteration Agreement									X	X	X	X	X	X																																								
4.7 Section 4(f) Compliance									X	X	X	X	X	X																																								



## V. Benefits

### Flood Benefits

The Lower Carmel River Floodplain Restoration and Enhancement Project will be completed on the 130-acre historic floodplain located just upstream of the Carmel River Lagoon and east of Highway One on land known as the Odello fields. The land is part of the historic floodplain along the Carmel River but has not been available for a typical flooding regime for almost 100 years due to agricultural production on the land. In the early 1900s, earthen levees were built on the south side of the river by the farmer-landowner to constrain the river and the entire expanse of wetlands and riparian forest surrounding the Carmel River Lagoon and Odello East was put into agricultural production for artichokes. Downstream of the present day Highway One, the levee and agricultural production narrowed the riparian forest and wetlands on the south side of the river for nearly ½-mile at their widest to a narrow strip along the river. Upstream of Highway One, the riparian forest on the south side of the main stem was reduced from a maximum of about 1400 feet wide to a narrow strip.

The levees kept flood events out of the fields except during larger flows (10-year storms and larger), which spread into the floodplain and caused damages to residential and commercial properties. The existing levees are not adequate to hold the 1% annual chance flood.<sup>1</sup> The construction of Highway One in the early 1930s further diminished the ecological condition of the entire coastal ecosystem by placing a physical barrier between the Carmel River Lagoon and the larger floodplain thereby preventing hydrologic connectivity across the floodplain. Highway One created a north-south barrier to flood flows as well, resulting in flood waters flowing to the north side of the river, which affects areas such as Mission Fields, the Crossroads Shopping Center and Rio Road/Val Verde Road. Today the lower Carmel River is confined by levees on both sides, beginning near the river's mouth and running 1.2 miles upstream.<sup>2</sup> Recent major floods include January and March 1995 events and the February 1998 event. These events resulted in approximately \$10,520,000 (2009 dollars) in damages and affected 220 residences and the Highway One Bridge over the river had to be completely replaced.

The project focuses on restoring a more frequent flooding regimen to 90-acres of the Odello East property and provides a flood conveyance by-pass or causeway to both reconnect the west and east sides of the floodplain hydrologically and for habitat connectivity and wildlife movement. The remaining 36 acres of the Odello property will be retained as an agricultural preserve with an organic farming operation and native plant nursery with public access. The ecological goals of the project are to restore connectivity, increase riparian and wetland habitat and natural ecological function to a critical section of the Carmel River watershed. The flood benefit goal of the project is to reduce flood damages to the north overbank areas which historically have sustained damages and are repetitive loss properties.

The project is subsequent to a series of habitat conservation and restoration activities occurring in the lower floodplain and lagoon since the 1990s including the Carmel River Lagoon Riparian

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<sup>1</sup>Monterey County Water Resources Agency. Monterey County Flood Management Plan, pp. 20. Update 2008. Prepared for Monterey County.

<sup>2</sup>Balance Hydrologics, Inc., 2007. Design Alternatives Analysis for Floodplain Restoration at the Odello Property.

Restoration Project completed in 2000 and the Carmel River Lagoon South Arm Restoration Project completed in 2004. Both of these projects were completed by California State Parks in partnership with the State Department of Transportation and the Big Sur Land Trust. Partners in this Project include California State Parks, Coastal Conservancy, Monterey County Water Resources Agency, Monterey County Public Works, Monterey Peninsula Water Management District and the Big Sur Land Trust.

### Wildlife and/or Agricultural Benefits

The key wildlife objectives associated with this project are to restore important habitat for several wildlife species by establishing the type of vegetation typical of river corridor environments and to provide a more dense and diverse riparian corridor. This would create important habitat for sensitive species including California red-legged frogs and western pond turtles. In addition the project will increase flow conveyance and habitat connectivity between the project site and the Carmel River Lagoon benefiting habitat for the south/central California Coast Steelhead.

The project will also maintain an active organic agricultural operation on a portion of the Project site in order to preserve historically important agricultural operations.

BUDGET  
MONTEREY COUNTY  
CARMEL RIVER FLOODPLAIN RESTORATION AND ENVIRONMENTAL ENHANCEMENT PROJECT

Task	DWR Funds (Phase 1)	DWR Funds (Phase 2)	DWR Funds (Total)	Monterey County Funds	Other Grant Funds	Total
<b>1 - Administration</b>	<b>\$2,500</b>	<b>\$2,500</b>	<b>\$5,000</b>			<b>\$5,000</b>
1.1 Quarterly Progress Reports	\$1,000	\$1,000	\$2,000			\$2,000
1.2 Final Report	\$750	\$750	\$1,500			\$1,500
1.3 Written Certification	\$250	\$250	\$500			\$500
1.4 Final Financial Report	\$250	\$250	\$500			\$500
1.5 Post Completion Reports	\$250	\$250	\$500			\$500
<b>2 - Design</b>	<b>\$247,200</b>	<b>\$225,000</b>	<b>\$472,200</b>		<b>\$1,827,800</b>	<b>\$2,300,000</b>
2.1 Causeway Design					\$1,000,000	\$1,000,000
2.2 Project Study Report						
2.3 Restoration Plan		\$200,000	\$200,000			\$200,000
2.4 Finalize Plans						
2.5 SWPPP Preparation	\$25,000	\$25,000	\$50,000		\$100,000	\$150,000
2.6 Construction Staking, Management, and Testing	\$222,200		\$222,200		\$727,800	\$950,000

Task	DWR Funds (Phase 1)	DWR Funds (Phase 2)	DWR Funds (Total)	Monterey County Funds	Other Grant Funds	Total
<b>3 – Property Acquisition</b>				<b>\$1,810,000</b>		<b>\$1,810,000</b>
3.1 Acquisition of Easements						
3.2 Property Tenure				\$1,810,000 <sup>1</sup>		\$1,810,000
<b>4 – Permitting and Environmental Review</b>	<b>\$157,800</b>	<b>\$100,000</b>	<b>\$257,800</b>			<b>\$257,800</b>
4.1 Preparation and Public Review of Negative Declaration	\$137,800	\$95,000	\$232,800			\$232,800
4.2 Coastal Development Permit	\$5,000		\$5,000			\$5,000
4.3 Encroachment Permit	\$5,000		\$5,000			\$5,000
4.4 Section 401 (NPDES) Permit	\$5,000		\$5,000			\$5,000
4.5 Section 404 Permit	\$5,000		\$5,000			\$5,000
4.6 Streambed Alteration Agreement		\$5,000	\$5,000			\$5,000
4.7 Section 4(f) Compliance with State Parks						
<b>5 – Project Implementation</b>	<b>\$2,092,500</b>	<b>\$2,152,500</b>	<b>\$4,245,000</b>		<b>\$7,370,000</b>	<b>\$11,615,000</b>
5.1 Project Administration	\$25,000	\$25,000	\$50,000		\$190,000	240,000
5.2 Contractor Procurement						
5.2.1 Bidding Period						
5.2.2 Bid opening and contract award						
5.2.3 Notice to proceed						



Task	DWR Funds (Phase 1)	DWR Funds (Phase 2)	DWR Funds (Total)	Monterey County Funds	Other Grant Funds	Total
5.3 Construction Activities						
5.3.1 Existing Utility Removal and Replacement	\$500,000		\$500,000		\$100,000	\$600,000
5.3.2 Temporary Detour Construction	\$500,000		\$500,000		\$250,000	\$750,000
5.3.3 Embankment Removal and Causeway Construction	\$1,042,500	\$377,500	\$1,420,000		\$6,530,000	\$7,950,000
5.3.4 Utility Removal Along Existing Levee		\$125,000	\$125,000			\$125,000
5.3.5 Levee and Debris Removal		\$200,000	\$200,000		\$30,000	\$230,000
5.3.6 Initial Grading		\$600,000	\$600,000		\$40,000	\$640,000
5.3.7 Finish Grading		\$300,000	\$300,000		\$30,000	\$330,000
5.3.8 Planting of Vegetation (Seeding)		\$300,000	\$300,000			\$300,000
5.3.9 Construction Biological Monitoring		\$200,000	\$200,000		\$100,000	\$300,000
5.3.10 SWPPP Implementation	\$25,000	\$25,000	\$50,000		\$100,000	\$150,000
5.4 Notice of Completion						
<b>6 Construction Implementation</b>		<b>\$20,000</b>	<b>\$20,000</b>		<b>\$130,000</b>	<b>\$150,000</b>
6.1 As-Built Engineering Documentation						
6.2 Post Construction Mitigation Monitoring		\$20,000	\$20,000		\$130,000	150,000
<b>Total</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$5,000,000</b>	<b>\$1,810,000</b>	<b>\$9,327,000</b>	<b>\$16,137,800</b>

1. \$500,000 used as 10% local match for DWR Grant.

## PLANNED MAINTENANCE ACTIVITIES

### COUNTY OF MONTEREY CARMEL RIVER FLOODPLAIN RESTORATION AND ENVIRONMENTAL ENHANCEMENT PROJECT

#### ***Facilities to be Maintained***

Causeway – A roadway structure will be constructed on State Highway 1 that will be elevated over the Carmel Lagoon to provide for water to flow under. The structure will be approximately 520 feet in length and will consist of two 12 foot wide travel lanes and 8 foot wide shoulders.

Levee Removal/Enhancement Area – The Enhancement Area, after the levee is removed, will consist of areas planted with native plants and maintained with irrigation for the first three years as needed. The Enhancement Area will also be designed for self-recruitment of native plants and shrubs with inundation by annual flood flows. The objective of the grading and planting will be to create a natural floodplain environment that does not require ongoing management of either vegetation or sedimentation.

#### ***Maintenance Goals***

Maintenance activities will be based on the preservation of land, protection of wildlife habitat and maintaining transitory storage capacity for reducing flood risk, consistent with the purposes of the Flood Corridor Program.

#### ***Maintenance Framework***

The Causeway Project is to be located on State Route 1, will be constructed by the County of Monterey, but will be a Caltrans facility after construction. As such, it will be owned and maintained by Caltrans as part of the state highway system. The County of Monterey and Caltrans will enter into a Cooperative Agreement prior to construction that will provide for maintenance.

The Levee Removal/Enhancement Area Project will be constructed/installed by the County of Monterey. The agricultural preserve will be owned and maintained by the Big Sur Land Trust after construction while the floodplain area will be dedicated to the County of Monterey.

#### ***Maintenance of Restoration Area***

Maintenance activities will be performed in accordance with the following descriptions:

The Enhancement Area will be documented as to type, location and number of native plants and shrubs installed in each planting area via flagging system and planting plan. Primary maintenance will be to conduct weeding and/or mowing for Years 1-3 along with maintaining irrigation to each planting area and plant. The planting area will be checked as needed for irrigation, plant condition, target planting density, and considerations for target roughness values (i.e., Manning's n) for floodwater conveyance, if applicable. Plant replacement or thinning will be

determined based on likelihood of failure and condition of plants, native and invasive nonnative plant recruitment and, if applicable (i.e., if the floodplain hydrologic and hydraulic modeling indicate a need for continued maintenance of the channel to keep roughness sufficiently low), maintenance of floodwater conveyance capacity. Replacement plants will be noted in planting plan as needed. The ongoing collection of litter on the site will be accomplished under the same programs for all County owned and maintained property.

***Maintaining Agency***

Causeway - Caltrans  
Enhancement Area – Big Sur Land Trust

***Maintenance Funding***

Causeway – State Highway Funding  
Enhancement Area – Stewardship funds from Big Sur Land Trust

***Maintenance Reporting***

The County of Monterey will submit an Annual Report of Maintenance Activities for the Causeway Project and the Levee Removal/Enhancement Area Project to the Department of Water Resources for a period of 5 years following the completion the project. The cooperative agreements with Caltrans and the Big Sur Land trust will require that those entities submit reporting information to the County of Monterey as required to complete the Annual Reports. The Annual Reports will include photos and will describe the maintenance inspections and activities performed during the year and any outstanding maintenance items.

***Long Term Maintenance Plan***

Causeway – Caltrans will be responsible for the long term maintenance of the Causeway as part of their maintenance responsibilities for the State highway system.

Levee Removal/Enhancement Area - The Big Sur Land Trust will incorporate the maintenance of the Restoration Area into its annual stewardship program for all properties in ownership by the Big Sur Land Trust. Annual activities for land stewardship include non-native plant species management, irrigation management if appropriate, plant condition assessment and replacement, and volunteer stewardship crews. BSLT Land Stewardship staff will oversee the long term maintenance of the Restoration Area.

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