



Mitigation and Resource Protection Program Oversight Committee
Environmental Oversight Committee
Orange County Transportation Authority

March 21, 2012

**Orange County Transportation Authority
600 S. Main Street, Orange CA**

**9:30 a.m. – 11 a.m.
Room 154**

AGENDA

- 1. Welcome**
- 2. Approval of February 15, 2012 Minutes**
- 3. Restoration Projects**
 - Lesley Hill and Monte Ward, OCTA
 - A. Action Recommendation: endorse staff's recommendation to fund the restoration projects, to the Executive Committee and OCTA Board for the Round 2 restoration projects based on the Board-approved Acquisition/Restoration/ Management Criteria and M2 program needs.
 - B. Action Recommendation: provide policy guidance on future restoration funding efforts to satisfy M2 freeway project mitigation needs.
- 4. Public Comments**
- 5. Committee Member Reports**
- 6. Next Meeting – TBD**
- 7. Closed Session**

Public Comments: The Agenda descriptions are intended to give notice to members of the public of a general summary of items of business to be transacted or discussed. Members from the public wishing to address the Committee will be recognized by the Chairman at the time the Agenda item is to be considered. A speaker's comments shall be limited to three (3) minutes. Any person with a disability who requires a modification or accommodation in order to participate in this meeting should contact the OCTA at (714) 560-5725, no less than two (2) business days prior to this meeting to enable OCTA to make reasonable arrangements to assure accessibility to this meeting.

Pursuant to Government Code Section 54956.8 to discuss the price and terms of payment for the acquisition of the following real properties.

The negotiators for OCTA are Monte Ward and Dan Phu. The negotiators for the real properties are as specified.

<u>Real Property</u>	<u>Geographic Area</u>	<u>Assessor's Parcel Number</u>	<u>Owner's Negotiator</u>	<u>Acreage</u>
Aliso Canyon	Coastal	056-240-66	John Mansour	150
Irvine Mesa Corridor	Cleveland Nat'l	105-060-02, 105-060-09, 105-060-19, 105-051-36, 876-011-02, 876-011-03, 876-011-19, 876-011-07, 876-011-08, 876-011-11, 876-011-18, 105-051-18, 876-021-15, 876-021-04, 876-021-05, 105-051-33, 105-051-21, 105-051-57, 105-201-12, 105-201-11	David Meyers	670
Holtz Ranch (CCRC Farms LLC)	Cleveland Nat'l Forest	876-034-01, 876-041-01, 105-051-83, 105-051-84, 105-051-85, 105-070-93	Brad Schnepf	327.9
MacPherson	Cleveland Nat'l Forest	105-051-06, 105-051-08	Craig MacPherson	216.7
Mitchell Properties West	Trabuco	842-081-12	Steven U. Parker	101.7
Saddleback Meadows	Trabuco	856-071-01/09, 856-072-01/51, 856-073-01/58, 856-074-01/45; 856-075-01/57, 856-081-01/11, 856-082-01/44, 856-083-01/46, 856-084-01/37, 856-085-01/41, 856-086-01/37, 856-091-02/11, 856-092-01/42, 856-093-01/25, 856-094-01/34, 856-095-01/62, 856-096-01/57, 856-097-01/34, 856-098-01/37	William Fleissig	222
Saddleback Valley Christian School	San Juan Capistrano	121-070-57, 67, 68	Ed Carney Saddleback Valley Christian School	67.9
Sky Ranch	Trabuco	842-021-4, 05, 07, 08 and 842-031-04, 05, 08, 09	Dave and Michael Eadie	526.9
Takahashi (Baker Square LLC)	Cleveland Nat'l Forest	105-051-12	Carl Reinhart	643
Watson	Trabuco	858-021-10, 11	Dave and Michael Eadie	98.3

8. Adjournment

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Measure M2 Environmental Oversight Committee

February 15, 2012

Meeting Minutes

Committee Members Present:

Chair Patricia Bates, OCTA Board of Directors
Vice-Chair Melanie Schlotterbeck, Measure M Support Groups
Veronica Chan, US Army Corps of Engineers
Nancy Jimeno, California State University, Fullerton
James Kelly, Measure M2 Taxpayers Oversight Committee
David Mayer, CA Department of Fish and Game
Adam Probolsky, Probolsky Research
Dan Silver, Endangered Habitats League
Jonathan Snyder, US Fish and Wildlife Services
Sylvia Vega, Caltrans
Greg Winterbottom, OCTA Board of Directors

Committee Members Absent:

Chris Flynn, Caltrans
Dave Means, California Wildlife Conservation Board

Orange County Transportation Authority Staff Present:

Marissa Espino, Senior Community Relations Specialist
Lesley Hill, Planning Department Project Manager
Janice Kadlec, Public Reporter
Dan Phu, Project Development Section Manager
Monte Ward, Consultant

1. Welcome

Chair Patricia Bates welcomed everyone to the meeting at 10:05 a.m. and asked Nancy Jimeno to lead the Pledge of Allegiance.

2. Approval of December 7, 2011 Minutes

Chair Patricia Bates asked if there were any additions or corrections to the December 7, 2011 Environmental Oversight Committee (EOC) meeting minutes. A motion was made by Melanie Schlotterbeck, seconded by Nancy Jimeno, and passed unanimously to approve the December 7, 2011 EOC meeting minutes as presented. The motion was carried unanimously.

3. Acquisition Properties

Dan Phu said the appraisals for Aliso Canyon and Irvine Mesa have been completed. He notified the EOC that the Shell-Aera property is no longer under consideration for acquisition.

4. Restoration Properties

- A. Lesley Hill gave background information on the intent and purpose of the Restoration Funding Guidelines and highlighted recent revisions to the guidelines made by the EOC Working Group. She also reviewed the evaluation process for the restoration projects.

Nancy Jimeno said there were some things required such as species mapping, site assessment, guidelines done by a biological/ecological expert or cultural resource biologist, and breeding bird surveys. She asked if these were included in grant money or is it included in grantee money. Lesley said these are standard activities that would have to be done for any restoration project where sensitive habitat is involved and is part of the site assessment. These activities would be folded into the cost of the restoration project

Nancy Jimeno asked if the weed abatement which needed to be done two years ahead of time, would also be folded into the cost. Lesley Hill said yes, this is part of the overall restoration project and incorporated into the total project cost.

Adam Probolsky asked if a restoration spending amount was identified in order to fulfill the mitigation commitment or is money going to be spent beyond this. Monte Ward said there is a policy direction within the amount available – the 80-20 split. Also, once the Natural Community Conservation Plan/Habitat Conservation Plan (NCCP/HCP) is completed, further guidance will be available with respect to the balance of acquisition and restoration. Finally, since the Army Corps of Engineers has been brought into the process along with regional and state water quality control board, there may be a requirement in the future for additional restoration or different types of restoration based on the impacts of waters of the U.S. or the state. Because of this, there is no firm number in terms of acreage or habitat at this point. They are working within the policy constraints and the information available on the initial overlay in terms of freeway impacts.

Adam Probolsky asked if there is an expectation that more money or less money will be needed. Monte Ward said he would expect what will be seen after the initial round of acquisition would be a need for certain types of restoration activities, particularly activities that deal with wetlands, riparian habitat, etc. Adam Probolsky asked if this would exceed the money allocation. Monte Ward said it would likely not exceed the money but maybe a greater emphasis towards the latter part of the program would be on restoration rather than acquisition.

Adam Probolsky asked if the restoration guidelines document will always guide restoration regardless whether there is a continued requirement to do restoration. Monte Ward said the restoration guidelines will be a living document. Chair Patricia Bates said policy decisions regarding how the money is appropriated out of the M2 Program will continue to be a robust discussion on the OCTA Board as

it goes forward and will depend on the NCCP/HCP and how it fits together with the Freeway Program. Monte Ward said this is correct and as they get more deeply into permitting strategies with the Army Corps and with the state and regional boards, there may be further guidance or recommendations to the OCTA Board regarding the policy decisions between the split between acquisition and restoration or more emphasis on the types of restoration.

Adam Probolsky asked how the restoration funding guidelines affect the approved projects. Monte Ward said agreements have already been signed with the first round of project sponsors. If approved, the restoration funding guidelines would affect new agreements.

A motion was made by Melanie Schlotterbeck, seconded by Adam Probolsky, and passed unanimously to recommend approval of the revised restoration funding guidelines.

- B. Lesley Hill presented background on the restoration process and a brief overview of the restoration projects.

James Kelly asked if restoration could be considered on properties OCTA has already acquired. Monte Ward said this has not happened yet, but OCTA could acquire a property and then subsequently there could be a restoration project on the property. OCTA would get credit for the acquisition and then, depending on the type of restoration, get some credit for restoration.

Dan Silver said at this point they are acting under some constraints. One, certain habitats are not necessarily impacted by the freeways. Even if a project may be a great project like a salt marsh, our hands are tied. Secondly, the first round of projects went a great deal to uplands and now they are going back to wetland/riparian. Dan Silver said there is not a great deal of money to spend – is the approach going to be to try to find a piece of each one to fund? Lesley Hill said this may be the case. The Group 1 projects look great and would align well with OCTA's needs. They need to go back to the project sponsors and try to fine tune the costs. They may decide to fund only one or two projects and then use any leftover money to fund some small riparian projects. It all depends on the coordination with the project sponsors. Dan Silver said, in his point of view, this will be an ongoing multiyear or multi decade effort; they are all good projects and should be nurtured. He agreed it should be a case by case analysis.

Chair Patricia Bates asked if any of the proposals made by project sponsors indicated they had matching funds from other grants. Lesley Hill said they had some projects on the list with matching funds. She will investigate and bring back the information to the next EOC meeting.

A motion was made by Chair Patricia Bates, seconded by Melanie Schlotterbeck, and carried unanimously to endorse staff's recommendation for the grouping of the restoration projects based on the Board approved Acquisition Restoration Management Criteria.

- C. A motion was made by Chair Patricia Bates, seconded by Melanie Schlotterbeck, and carried unanimously to direct staff to continue to coordinate with the Group 1 and Group 2 project sponsors in order to fine tune project plans and associated costs; once these costs are fine tuned, staff will request a funding endorsement by the EOC.

5. Spring Tours

Marissa Espino reported OCTA is partnering with the Toll Roads in their 12th Annual Native Habitat Tour Series. One of the OCTA acquired properties – Saddle Creek South – will be on the tour. The tour will take place on April 12, 2012 from 8 a.m. to noon. Marissa Espino said she will send the members an email with the invitation and encouraged anyone interested to RSVP.

6. Public Comments

There were no public comments.

7. Committee Member Reports

There were no Committee Member Reports

8. Next Meeting – March 7, 2012

The next meeting of the EOC will be on March 7, 2012 in the OCTA offices.

9. Closed Session

The regular meeting of the EOC was adjourned at 10:45 a.m. and the EOC went into Closed Session.

10. Adjournment

There were no further actions reported in public session. The meeting adjourned at 11:30 a.m.



March 19, 2012

Subject: Measure M2 Environmental Mitigation Program
Round 2 Restoration Project Recommendations

Overview

Evaluations of Round 2 proposed restoration projects have been completed for the Measure M2 Environmental Mitigation Program. The Environmental Oversight Committee (EOC) will review and consider the endorsement of six restoration projects for funding. OCTA issued a second round, the 2011/12 Restoration Call for Projects, for the period between June 30, 2011 and August 30, 2011. Subsequent to the call, a total of 19 new restoration proposals were received.

Recommendations

- A. Endorse staff's recommendation to fund the six restoration projects, to the Executive Committee and OCTA Board for the Round 2 restoration projects based on the Board-approved Acquisition/Restoration/Management Criteria and M2 program needs.
- B. Provide policy guidance on future restoration funding efforts to satisfy M2 freeway project mitigation needs.

Background

In September 2010, the Board of Directors (Board) authorized the OCTA staff to coordinate and execute contracts with 5 restoration project sponsors, in a total amount of \$5,362,500. These project sponsors have addressed the EOC various times in the past few months to discuss the progress they have made with these funds.

Discussion

Nineteen new restoration proposals were evaluated and considered for the second round of funding that totals approximately \$5 million. The restoration projects previously evaluated, but not recommended for funding during the 2009/10 funding cycle were also considered for the second tranche of funding (twenty-one total). This amounted to a total of forty projects that were evaluated within the Round 2 review.

In conjunction with Caltrans, Army Corps of Engineers (ACOE), and the California Department of Fish and Game(CDFG), and United State Fish and Wildlife Service (USFWS) (collectively known as wildlife agencies), all

restoration proposals have been evaluated based on biological merits. The evaluation of these restoration properties resulted in four hierarchical groups. Group 1 restoration proposals typically possess the highest potential to support similar vegetative communities lost to freeway projects, restore habitat for species that are considered sensitive, provide connectivity/contiguity opportunities, and provide the highest potential to successfully replace lost functions and services of resources lost within the watershed of those at the impact site. Group 2 restoration proposals typically possess good potential for the same criteria.

The restoration projects were also considered to focus on impacts which can be tied back to the 13 M2 freeway projects. Benefits to specific watersheds were considered to address the needs of the Regional Water Quality Control Boards (Santa Ana and San Diego) and the ACOE in relation to Sections 401 and 404 of the Clean Water Act. This has created an additional layer to address and was a large focus of the decision making process for this round of restoration projects. This regulatory permitting process is a separate but parallel process to the Conservation Plan. OCTA staff is trying to keep these two processes on similar timelines.

Through preliminary discussions with the wildlife agencies, restoration proposals within the first two groups (11 total proposals) possess the necessary biological value that would enable OCTA to obtain mitigation assurances for the M2 freeway projects. EOC will consider the approval of six projects for funding.

The remaining restoration projects were not recommended for one or more of the following reasons: the project will not be ready to commence by 2013, the project scope is not clearly defined, the project requires further planning development and engineering, the project does not cover the proposed impacted watershed needs, and/or the proposed restoration components are not considered as high priority as those of the selected projects.

The table below shows the proposed restoration projects as well as the preliminary restoration cost, watershed and biological justifications for each project. The restoration cost could fluctuate slightly as more refined project information is developed based on the approved OCTA Restoration Funding Guidelines. However, the project costs presented in the table are those that will be used for the EOC and ultimately the OCTA's Board consideration. These costs will be finalized before a contract is executed.

Restoration Projects 2011/12	Proposed Funding	Watershed HUC* 8/HUC 10	Habitat Type/Acreage
Aliso Creek	\$1,105,000	San Juan/Aliso Creek - Frontal Gulf of Santa Catalina	55 acres of riparian (30 acres of invasives removal and 55 acres of native plant installation)
Chino Hills State Park (2009/10)	\$193,000	Santa Ana/Lower San Gabriel River	15 acres of willow riparian and Oak-Walnut woodland and 6 acres of cactus scrub
Harriett Weider Regional Park	\$475,000	Santa Ana/Bolsa Chica Channel - Frontal Huntington Harbor	7.7 acres of native grassland and coastal sage scrub (CSS) as well as .5 acres riparian
Lower Silverado Canyon	\$1,399,580	Santa Ana/Santiago Creek	44 acres of mostly riparian
North Coal Canyon	\$247,500	Santa Ana	5.5 acres of Riversidian Alluvial Fan Sage Scrub (CSS)
West Loma	\$1,296,000	Santa Ana/Santiago Creek	160 acres of mostly upland, 3 acres of riparian
Total	\$4,716,080		

* HUC is defined as a Hydrologic Unit Code. The Hydrologic Unit system is a standardized watershed classification system developed by USGS. Hydrologic units are watershed boundaries organized in a nested hierarchy by size. They range in size from regions, to the smaller cataloging units (HUCs), which are roughly equivalent to a local watershed.

Funding these projects would leave approximately \$400,000 of remaining funds. Staff would like to discuss different policy options to help focus these funds in areas that are currently in need of mitigation to fulfill OCTA's regulatory permitting process requirements. One recommended option for discussion would be to utilize these funds towards another call for restoration projects that would be focused on the watersheds with potential mitigation deficiencies.

Next Steps

Upon approval of the restoration projects, staff will continue to move forward with the restoration process by coordinating with the projects sponsor(s). Prior to the issuance of funds, project sponsors will be required to provide a

complete restoration plan or Habitat Mitigation Monitoring Plan (HMMP) per the restoration funding guidelines, which will be reviewed and approved by OCTA, ACOE, CDFG, and USFWS.

Staff will develop and come back with specific guidance for future calls of restoration projects for EOC endorsement.

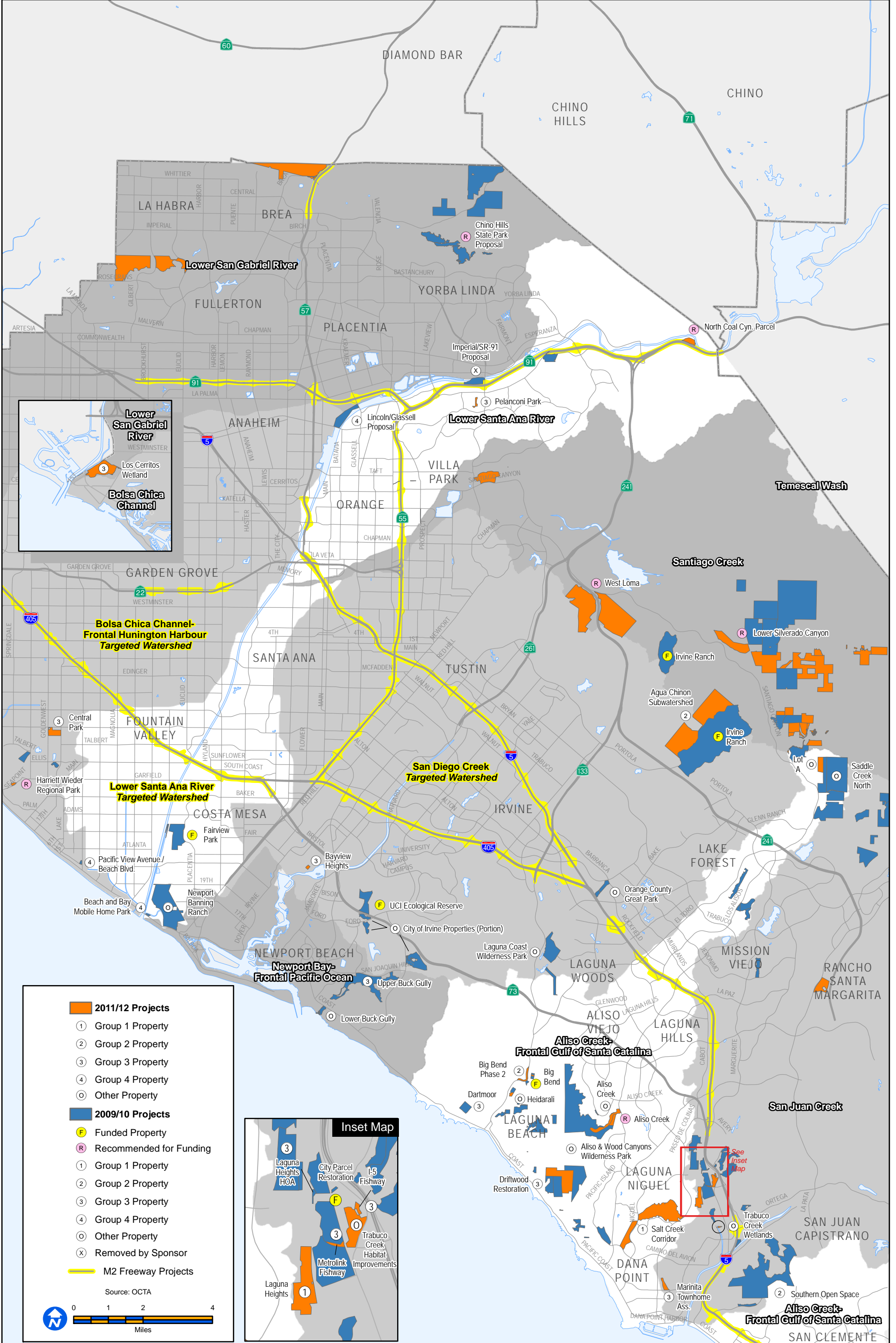
Summary

Staff is seeking endorsement to fund the six restoration projects, to the Executive Committee and OCTA Board for the Round 2 restoration projects based on the Board-approved Acquisition/Restoration/ Management Criteria and M2 program needs. If these recommendations are endorsed, staff will coordinate further with these identified project sponsors to finalize restoration plans and execute contract agreements for these proposed restoration projects.

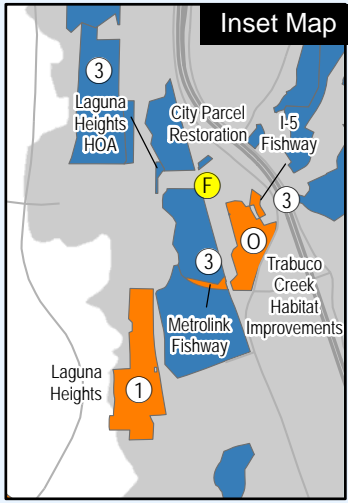
Attachments

- A. Restoration Projects with Watershed Boundaries Graphic
- B. FY 2009 – 12 Call for Restoration Projects Table
- C. M2 EMP 2011-12 Restoration Projects PowerPoint
- D. Recommended Projects Draft Restoration Plans Graphics

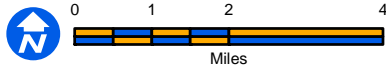
Restoration Projects with Watershed Boundaries



- 2011/12 Projects**
- ① Group 1 Property
- ② Group 2 Property
- ③ Group 3 Property
- ④ Group 4 Property
- Other Property
- 2009/10 Projects**
- F Funded Property
- R Recommended for Funding
- ① Group 1 Property
- ② Group 2 Property
- ③ Group 3 Property
- ④ Group 4 Property
- Other Property
- X Removed by Sponsor
- M2 Freeway Projects



Source: OCTA



FY 2009 - 2012 Call for Restoration Projects

	Restoration Project	Approximate Acreage of Proposed Restoration Project	Geographic Area/ Sponsors	Biological Justification		Proposed Cost	Matching Funds	
				Watershed (HUC 10/8)	Habitat Types			
Funded Projects 2009/10	City Parcel Restoration (aka Shea Restoration)	53	San Juan Capistrano/ City of San Juan Capistrano	San Juan Creek/ San Juan	riparian, Coastal Sage Scrub (CSS), oak woodland, and native grassland	\$1,500,000	Contributions from: Orange County Conservation Corps \$241,920, San Juan Capistrano Open Space Foundation \$100,000, State of Cal. Depart. Of Parks and Rec. \$200,000, Saddleback College Ecological Rest. Program \$2,000, City of San Juan Cap. Open Space Committee \$2,000	
	Fairview Park	23	Costa Mesa/ City of Costa Mesa	Lower Santa Ana River/ Santa Ana	wetlands, native grassland, CSS, riparian, oak woodland	\$2,000,000	Contributions from: Mircean foundation \$350,000, FTA Grant \$50,000, CA Dept. of Parks & Rec. Habitat Cons. Grant \$225,000, CA Dept. of Parks & Rec. Rec. Trail Grant \$256,000, City of Costa Mesa \$300,000	
	Irvine Ranch (Bee Flat Canyon and Aqua Chirton)	94.8	Irvine/ Irvine Ranch Conservancy	Santiago Creek/ Santa Ana	chaparral, CSS, coast live oak/sycamore, oak woodland, native grassland, and riparian	\$1,450,000	In-kind contributions estimated at \$350,000 from IRC including staff time, equipment, materials and volunteer labor	
	UCI Ecological Reserve	8.5	Irvine/ Nature Reserve of Orange County	Upland	cactus scrub	\$325,000	In-kind contributions from NROC estimated at \$42,500 (project management, restoration planning, sensitive species monitoring and report preparation)	
	Big Bend	3.7	Laguna Beach/ Laguna Canyon Foundation	Aliso Creek/ San Juan	CSS and riparian woodland	\$87,500	Contributions from: City of Laguna Beach (approx. \$3 million land contribution), Orange County Conservation Corps \$35,000, Waste Management Corps \$6,000, JNK Advertising \$2,000, Richard Lamsay \$2,000, SOKA University Env. Studies Internship Program \$1,000, Masser Greene Foundation \$2,000	
Group 1 2011/12 Proposals (New)	Aliso Creek (2 options)	30	Laguna Niguel/ Laguna Canyon Foundation	Aliso Creek/ San Juan	7 acres transitional/23 acres of riparian (30 acres invasive removal and native planting)	\$770,000	The Orange County Conservation Corps has offered a matching grant of \$100,000 (State of CA Workforce Investment Board) as well as \$488,000 (State of CA Prop. 84) for this project.	
		55			7 acres transitional/23 acres of riparian (30 acres invasive removal and native planting) and an additional 25 acres of native planting (totaling 55 acres for project) (costs include JD and CRAM)	\$1,105,000		
	Laguna Heights	20	San Juan Capistrano/ Laguna Heights HOA	Upland	20 acres of CSS	\$550,000		The Orange County Conservation Corps has offered a matching grant of 1:1 for this project pending award of project.
	Lower Silverado Canyon (2 options)	44	Irvine/ Irvine Ranch Conservancy	Santiago Creek/ Santa Ana	44 acres of riparian (costs include JD and CRAM) 328 acres coordinated targeted invasive control (riparian)	\$1,399,580		In-kind match of \$150,000 from IRC (staffing, equipment and materials) and \$50,000 in volunteer labor, but not for capital costs of restoration.
	North Coal Canyon Parcel	5.5	Yorba Linda/ California Dept of Parks and Recreation	Upland	5.5 acres of CSS	\$247,500		The Orange County Conservation Corps has offered a matching grant of 1:1 for this project pending award of project.
	Salt Creek Corridor Open Space (2 options)	52	Laguna Niguel/ City of Laguna Niguel	Aliso Creek/ San Juan	9.9/7.0 acres of riparian (costs include JD and CRAM)	\$2,123,814		None Identified
					13.7/10.6 acres of transitional	\$1,832,397		
					28.3/17.3 acres of CSS/grassland			
	West Loma (3 options)	160	Irvine/ Irvine Ranch Conservancy	Santiago Creek/Santa Ana	132/80/58 acres of CSS	\$2,541,000		
					3/3/2 acres of riparian	\$1,669,000		
20/19/19 acres of Elderberry Scrubland					\$1,296,000			
1 acre of passive riparian restoration					\$1,296,000			
Chino Hills State Park	115	Brea & Yorba Linda/ Chino Hills State Park	Lower San Gabriel River/Los Angeles-San Gabriel River	115 acres of CSS	\$5,750,000 to \$8,625,000	1 to 1 funding match from OCCC.		
				6 acres of cactus scrub	\$193,000			
				15 acres of riparian (costs include JD and CRAM)				
Group 2 2011/12 Proposals (New)	Agua Chiron Subwatershed	71.8	Irvine/ Irvine Ranch Conservancy	San Diego Creek/Santiago Creek//Santa Ana	-1.3 acres of riparian -54.3 (active)/16.2 (passive) acres of CSS	\$1,259,735	In-kind match of \$100,000 from IRC (staffing, equipment and materials) and \$25,000 in volunteer labor, but not for capital costs of restoration.	
	Big Bend Phase 2	4	Laguna Beach/ Laguna Canyon Foundation	Upland	4 acres of CSS	\$140,000	In-kind contributions towards restoration labor for invasive removal and native planting would be provided in part by Laguna Canyon Foundation volunteer crews.	
	Harriett Wieder Regional Park	10	Huntington Beach/ Bolsa Chica Conservancy	Bolsa Chica Channel/ Santa Ana	7.7 acres of native grassland and CSS	\$475,000 (no Coastal Terrace Ecotone)	The Griswold Foundation has committed \$20,000, the National Fish and Wildlife Service has awarded \$100,000, the Orange County Conservation Corps has awarded \$50,000 and approximately \$42,000 has been volunteered.	
					.5 acre of riparian (costs include JD and CRAM)			
1.8 acres of Coastal Terrace Ecotone								
Group 2 2009/10 Proposals (Residual)	Southern Open Space (OS) Restoration	39.7	San Juan Capistrano/ San Juan Capistrano	Upland	Upland CSS	\$812,927		

FY 2009 - 2012 Call for Restoration Projects

	Restoration Project	Approximate Acreage of Proposed Restoration Project	Geographic Area/ Sponsors	Biological Justification		Proposed Cost	Matching Funds
				Watershed (HUC 10/8)	Habitat Types		
Group 3 2011/12 Proposals (New)	Bayview Heights	0.2	Newport Beach/ Newport Bay Conservancy	San Diego Creek/ Santa Ana	riparian and CSS 20 yr maintenance fund	\$350,000	
	Central Park	33	Huntington Beach/ City of Huntington Beach	Bolsa Chica Channel/ Santa Ana	15.15 acres Ornamental 17.53 acres of Wetland vegetation	\$5,500,000	
	I-5 Fishway	4.5	San Juan Capistrano/ Trout Unlimited, South Coast Chapter #923	San Juan Creek/ San Juan	Southern California Steelhead	\$4,000,000	
	Marinita Townhome Assoc	20.8	Dana Point/ Azure Property Management for site owner	Aliso Creek/ San Juan			
	Metrolink Fishway	3	San Juan Capistrano/ Trout Unlimited, South Coast Chapter #923	San Juan Creek/ San Juan	Southern California Steelhead	\$4,300,000	
	Los Cerritos Wetlands Authority, Phase 2	100	Seal Beach/ Los Cerritos Wetlands Authority	Lower San Gabriel/ San Gabriel	Tidal channel, wetlands, salt marsh	\$200,000	
	Pelanconi Park	3	Anaheim/ City of Anaheim	Lower Santa Ana River/ Santa Ana	3 acres of riparian	\$450,000	
Group 3 2009/10 Proposals (Residual)	Dartmoor	39.7	Laguna Beach/ Laguna Beach	Upland	High quality CSS, sensitive plants	\$812,927	
	Driftwood Restoration	6	Laguna Beach/ Laguna Beach	Upland	ESHA replanting, monitoring; high quality CSS	\$720,000	
	Laguna Heights HOA	20-30	San Juap Capistrano/ San Juan Capistrano	Upland	Upland CSS, native grassland	\$540,000-\$810,000	
	Upper Buck Gully	68.3	Newport Beach/ Newport Beach	Newport Bay/ Santa Ana	Active restoration (47.7 acres) Passive restoration (20.6 acres) Total request (\$500,000 [BARRIERS] & \$367,000 [RESTORATION])	\$867,000	
Group 4 2009/10 Proposals (Residual)	Beach and Bay Mobile Home Park	3	Newport Beach/ Newport Beach	Santa Ana	purchase and/or habitat improvement		
	Lincoln/Glassel Proposal	1.6	Anaheim/ Anaheim	Santa Ana	Est. one acre to establish riparian, transitional, and upland native plan communities		
	Pacific View Avenue/Beach Blvd.	1	Huntington Beach/ Huntington Beach	Santa Ana	Wetland restoration		
	Pacific View Avenue/Beach Blvd.	2.4	Huntington Beach/ Huntington Beach	Santa Ana	Wetland restoration		
Others (New)	Lot A *	43.3	Trabuco Canyon, Live Oak Canyon, County Home Road	San Juan			
	Trabuco Creek (Habitat Improvements) **	4.5	San Juan Capistrano/ Trout Unlimited, South Coast Chapter #923	San Juan Creek/ San Juan	Southern California Steelhead		
	Trabuco Creek Wetlands ®	2.5	San Juan Capistrano/ City of San Juan Capistrano	San Juan			
Others (Residual)	Aliso Creek (Within Aliso & Wood Canyon Wilderness Park) ®	4	Laguna Niguel/ County of Orange	Santa Ana	ecosystem restoration and streambed stabilization		
	Aliso & Wood Canyons Wilderness Park ®	4,000	Laguna Niguel/ County of Orange	Santa Ana	CSS; riverine habitat		
	City of Irvine Properties ®	203	Irvine/ Irvine	Santa Ana			
	Harriett Wieder Regional Park (aka Bolsa Chica Conservancy)***	25	Bolsa Chica/ Bolsa Chica Conservancy	Bolsa Chica Channel/ Santa Ana	coastal wetlands, coastal dune, upland/mesa habitats		
	Heidarali Sahebkhitiari *	38	Laguna Beach/ Heidarali Sahebkhitiari	San Juan			
	Laguna Coast Wilderness Park **	6,000	Laguna Beach/ Laguna Beach	Santa Ana/ San Juan	Laguna Lakes/wetlands, upland habitat meadows		
	Lower Buck Gully ®	50	Newport Beach/ Newport Beach	Santa Ana	habitat improvements		
	Newport Banning Ranch **	80	Huntington Beach/ Huntington Beach	Santa Ana	coastal mesa, bluffs, arroyos, and wetlands; cactus wren, maritime succulent scrub, southern coastal bluff scrub, tidal coastal salt marsh, southern willow forest, vernal pools, southern tarplant		
	Orange County Great Park **	176.4	Irvine/ Orange County Great Park Corporation	San Diego Creek/ Santa Ana	88 acres CSS, 45 acres grasslands, 34 acres riparian and wetlands, 5.4 acres oak, 4 acres cactus scrub		
	Saddle Creek North ®	30	Trabuco (Unincorporated County)/ Conservation Fund	San Juan	upland and riparian restoration		

FY 2009 - 2012 Call for Restoration Projects

	Restoration Project	Approximate Acreage of Proposed Restoration Project	Geographic Area/ Sponsors	Biological Justification		Proposed Cost	Matching Funds
				Watershed (HUC 10/8)	Habitat Types		
OCTA Funded Restoration Project, subsequently removed from consideration by project sponsor	Imperial/SR-91 Proposal (Pelanconi Park)	5-10	Anaheim/ City of Anaheim	Santa Ana	Est. five to ten acres to establish riparian, transitional, and upland native plant communities		

® Removed By Project Sponsor

* Submitted as an Acquisition Property

** Does Not Align With M2 Funding Cycle

*** 2009/10 Submittal. Revisions were made for the 2011/12 Call

ATTACHMENT C

*M2 Environmental Mitigation Program:
2011/12 Restoration Projects*

*Restoration Projects
Recommended for Funding*

- Aliso Creek
- Chino Hills State Park
- Harriett Weider Regional Park
- Lower Silverado Canyon
- North Coal Canyon
- West Loma




2

*Aliso Creek
Laguna Canyon Foundation*

City of Laguna Niguel

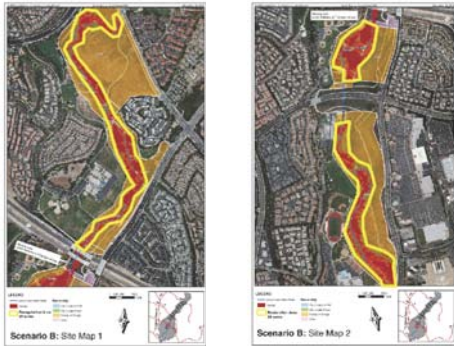
55 acres of riparian and transitional habitat

Cost: \$1,105,000



3

Aliso Creek (Continued)



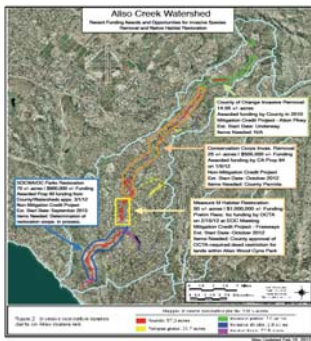
Aliso Creek (Continued)

- Invasive Removal: 30 acres targeted for arundo, hemlock, mustard, tamarisk, pampas, tree tobacco and italian thistle
- Native Replanting: 55 acres consisting of willow and mulefat scrub and transitional riparian-upland habitats (25 acres of invasive removal will be completed by the OCCO/Prop 84 funding)
- Watershed: Aliso Creek-Frontal Gulf of Santa Catalina



5

Aliso Creek (Continued)



Orange County Conservation Corps
\$586,000
State of CA workforce investment
Board and CA Prop 84 (orange)

Same watershed projects:
County of Orange
. Northern segment underway (green)
. SOCWA/OC may use \$900,000
. of Prop 50 funding as well (blue)



6

Chino Hills State Park City of Brea and Yorba Linda



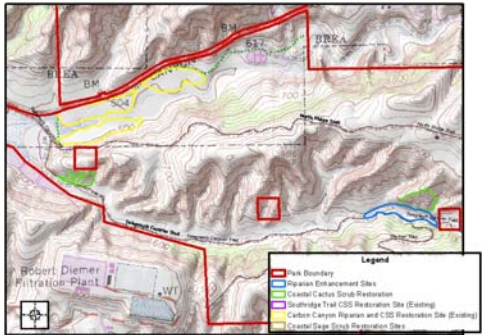
15 acres of riparian and 6 acres of cactus scrub habitat

Cost: \$193,000



7

Chino Hills State Park (Continued)



8

Chino Hills State Park (Continued)

- Enhance and restore up to 15 acres of willow riparian and Oak-Walnut woodland, and 6 acres of cactus scrub
- Watershed: Santa Ana/Lower San Gabriel River
- Matching Funds: Potential 1:1 match from the Orange County Conservation Corps (OCCC)



9

*Harriett Wieder Regional Park
Bolsa Chica Conservancy*

City of Huntington Beach



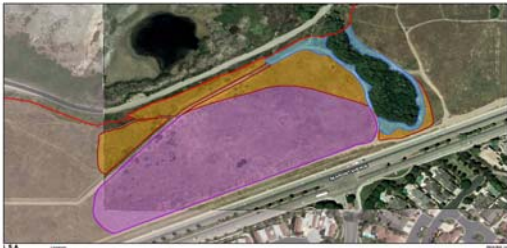
8.2 acres of grassland, coastal sage scrub and riparian habitat

Cost: \$475,000



10

*Harriett Wieder Regional Park
(Continued)*



11

*Harriett Wieder Regional Park
(Continued)*

- Enhance and restore up to 7.7 acres of native grassland and coastal sage scrub and 0.5 acres of riparian habitat types
- Watershed: Santa Ana/Bolsa Chica Channel – Frontal Huntington Harbor
- Matching Funds:
 - Griswold Foundation \$20,000
 - National Fish and Wildlife Foundation \$100,000
 - Volunteer Labor \$42,000/OCCC \$50,000



12

Lower Silverado Canyon Irvine Ranch Conservancy

City of Irvine

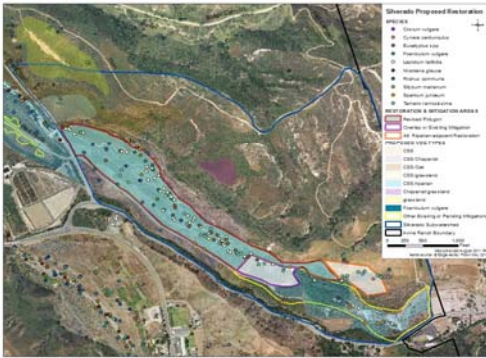


44 acres of riparian habitat
Cost: \$1,399,580



13

Lower Silverado Canyon (Continued)



14

Lower Silverado Canyon (Continued)

- 40 acres of active restoration (riparian) and 4 acres of passive restoration (riparian)
- Watershed: Santa Ana/Santiago Creek
- Matching Funds: estimated
 - \$150,000 In-kind match (additional IRC staff time, equipment and materials)
 - \$50,000 Volunteer Labor



15

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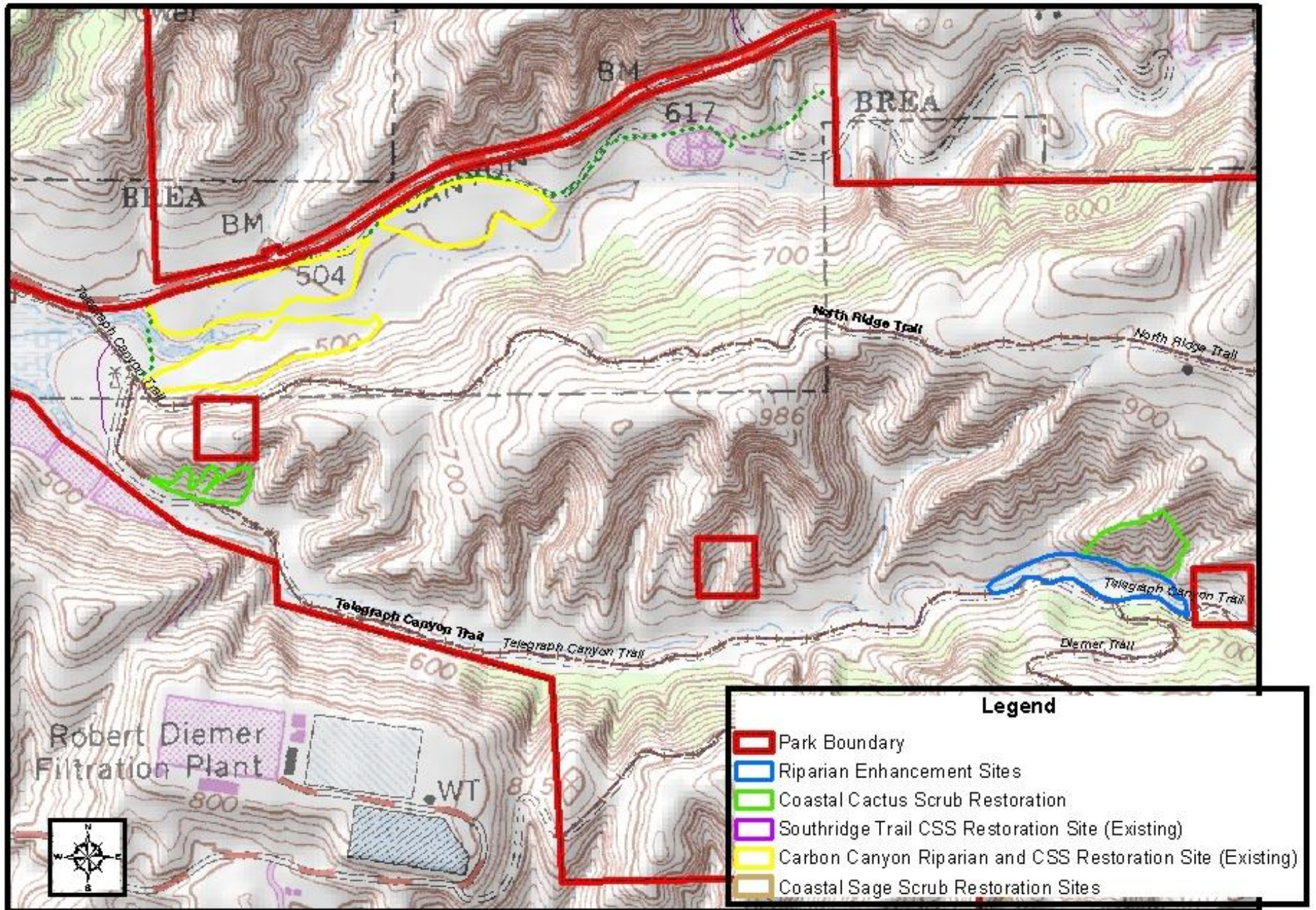
Aliso Creek Draft Restoration Plan



Aliso Creek Draft Restoration Plan



Chino Hills State Park Draft Restoration Plan



0 0.05 0.1 0.2 Miles

Scale = 1:24,000

Harriet Weider Draft Restoration Plan



LSA

LEGEND

- Property Boundary
- Coastal Sage Scrub (2.08 acres)
- Native Grassland (5.55 acres)
- Riparian (0.52 acre)

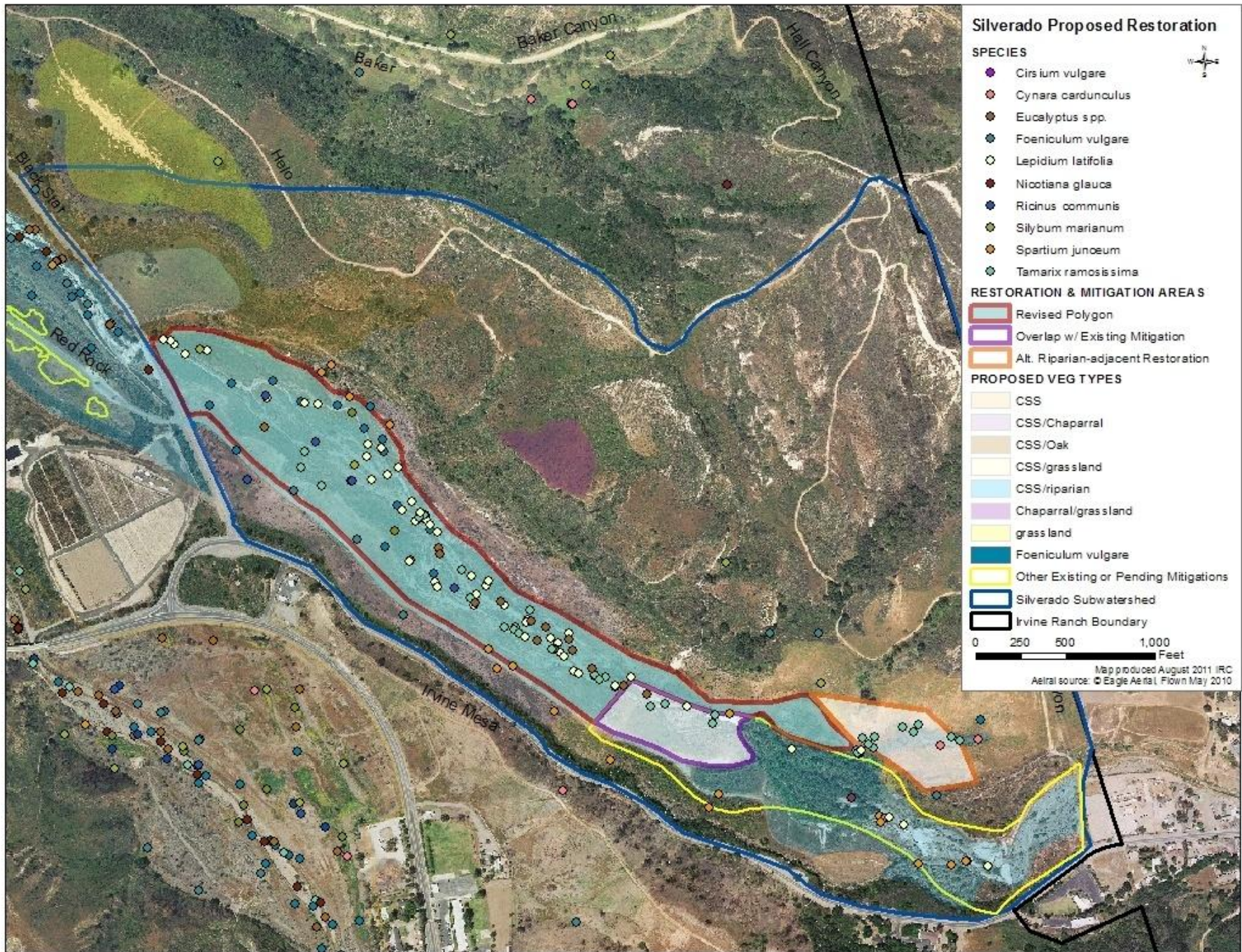


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FEET

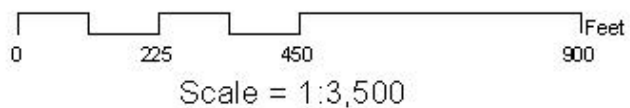
SOURCE: Bing Maps (2008), Forma (2010)
1:\BCY\100\GIS\SouthArea.mxd (5/27/2010)

FIGURE 2A

Lower Silverado Draft Restoration Plan



North Coal Canyon Draft Restoration Plan



Legend

- Park Boundary
- North Coal Canyon Restoration Opportunities (5.5 acres)
- Coal Canyon Restoration Projects (complete or in progress)

West Loma Draft Restoration Plan

