

Public Realm, Environment, Water, & Infrastructure Committee

AGENDA

4/9/2019 10:00 am -12:00 pm

Meeting Location:

The Conservation Corps of Long Beach 340 Nieto Avenue Long Beach, CA 90814

10:00 – 10:30 am

- I. Introduction and Purpose
 - a. General committee comments & questions
 - i. No comments/questions asked
 - b. Purpose of today's meeting
 - i. Technical contact list LA County Flood Control District will direct project proponents to the appropriate agencies, organizations, or individuals
 - ii. Presentations (7 minutes each)
 - As a committee of the Implementation Advisory Group (IAG), PREWIC will provide a meeting summary on consensus items along with issues of concern to IAG, especially regarding consistency with the plan. IAG will review projects. Also, provides an opportunity to cultivate partnerships/support collaboration.
 - Projects and conceptual ideas will be heard.

10:30 -11:45 am

- II. Presentations
 - a. Review of Committee's role & project review packet
 - b. Presentation rules
 - c. Presentations
 - Melissa You and/or Grace Cast, City of Long Beach & GWMA LB MUST Expansion Project
 - 1. Melissa You, Stormwater Environmental Officer for Long Beach
 - 2. Treat urban runoff to comply with urban runoff to comply with NPDES permit & TMDLs as well as co-benefits of trails and wetland habitat (linear wetlands along 8 miles of the LA River)
 - 3. Connect to existing pump stations and get water to stormwater treatment facility
 - 4. Proposed expansion to Artesia Boulevard and Willow Street at LA River East Bank, which includes water quality features, water storage & conveyance to LB MUST, open space, urban greening, and establish trails in disadvantaged communities and in park poor areas (CalEnviroScreen 3.0)

- 5. Question about amending to include multiuse trails, particularly equestrian use
- General consensus on LB Must as a multibenefit stormwater project
- Robert Blankenship, Trout Unlimited with Larry Dominguez from KPFF with design concepts – Rio Hondo Confluence Revitalization at Hollydale Park in South Gate
 - 1. Channelized section of the lower Los Angeles River
 - 2. Increase ecological value and function while maintaining flood capacity and providing recreational opportunities
 - Alternatives: 1) Upstream pond, meandering low flow channel, 2)
 Upstream pond, meandering low flow channel, ponding refugia, 3)
 Upstream pond, meandering low flow channel, downstream pond,
 4) Upstream pond, meandering low flow channel, deepening
 bottom
 - 4. Wetland vegetation, floating wetlands, educational elements and providing access to the channel, more nature
 - 5. Amigos de los Rios attribute personhood to our rivers; potential partner at Hollydale
 - 6. Trout Unlimited fish could return once habitat is restored
 - 7. The Nature Conservancy Mediterranean climate region appropriate native vegetation for project?
- iii. Claire Robinson, Amigos de los Rios Hollydale Park Green Infrastructure Development
 - Need to connect children with nature in San Gabriel and LA River watersheds
 - 2. Los Angeles Basin is one of the most biodiverse regions in the world, but disparity in access and distribution
 - 3. First Peoples approach and Olmsted Bartholomew 1930 plan converge in Amigos de los Rios' planning
 - 4. Mountains to the Sea water conservation, native plant landscapes, play/learn, cultural and interpretative elements, and more
 - Proposal for next phase of Hollydale Park is to add native plants, add an entry at Century Boulevard, and signage, while improving parking lots to add bioswales and native vegetation to help infiltrate through asphalt.
 - 6. Aligns with City of South Gate's Master Plan
 - 7. Trails4All positive relationship with equestrian community at Hollydale Park
 - 8. Question about permits to plant trees under transmission lines obtained from Southern California Edison
 - 9. Partially designed and funded, but other phase contingent on funding
- iv. Chau Vu, City of Bell Gardens & Chelsey Julia Russ Asmus Park Storm Water Infiltration and Restoration Project
 - 1. Adjacent to the 710 freeway, between lower LA River and Rio Hondo, would serve a disadvantaged community
 - 2. During storms there can be drainage issues in the local streets and nearby neighborhood

- 3. The park and local streets drain to the adjacent Bandini Channel (DDI 23)
- 4. Outdoor classroom (partnership with local elementary school), informational signage, native flora and fauna as habitat, flood protection, 10 infiltration wells (80,000 gallons of water) and pretreatment unit, recharge groundwater and naturally remove pollutants from stormwater, new pedestrian and bikeway entrances, public safety measures
- 5. Remove trees and turf to be replaced with drought-tolerant landscaping
- 6. Karen Barnett question about funding for ongoing maintenance City of Bell Gardens has in-house park maintenance funding
- 7. The Nature Conservancy concerns about removing trees for infiltration wells (trees do infiltrate often more than gray infrastructure); concerns about native garden vs drought tolerant landscaping, because it should all include native and climate resilient plants; concerns about need to involve community groups/nonprofits
- 8. Watershed Conservation Authority question about adjacent brownfield

v. Gerald Greene, GWMA – Power Walking Among Power Lines

- Watershed Management Program Regional BMP Project Catchment
- 2. Design options include native habitat, dry-weather and stormwater capture and infiltration, passive recreation and alternative transportation elements.
- 3. City of Vernon is primarily industrial and falls outside of CalEnviroScreen vicinity
- 4. Bike and pedestrian path projects and link to transit
- 5. Developing appropriate designs for LA Department of Water and Power
- 6. Good flow rates 1.7 inches per hour infiltration rates into the ground
- 7. Maywood and Huntington Park foot traffic
- 8. LADWP asks for minimum 60% design before reviewing
- 9. Trout Unlimited question about LADWP transmission easement
- Rivers and Mountains Conservancy question about connection to the river, there would be a turn into the bike path when constructed
- 11. Watershed Conservation Authority question about coordination with metro
- 12. Amigos de los Rios more tree canopy in to the local neighborhood
- 13. Next step return to IAG to present

vi. Jim Meyer, Trails4All – Conceptual Ideas

- 1. Goal to fill in trail gaps
- 2. Rio Hondo Confluence equestrian trail connections (many blockages)
- 3. Improve access to the river, trails, and parks
- 4. Need safe crossing at Del Amo (off the 710 freeway)
- 5. Compton Creek Confluence

- 6. Homelessness is main deterrent to trail use
- 7. Need for planning, design, landscaping, and cleaning up the areas
- 8. Multipurpose trails for pedestrian, equestrian, and other uses
- Many encroachments and blockages that need to be mapped and addressed

vii. Amanda Wagner, Heal the Bay - Conceptual Ideas

- 1. Los Angeles River Ecosystem Assessment
- 2. LAYYC fecal indicator bacteria monitoring
- 3. Coastal cleanup days include river sites
- 4. Resources Legacy Fund grant urban river restoration projects, LA River ecological goals, criteria, and monitoring
- 5. Ecological assessment of LA River adjacent parks to inform park planning to maximize ecosystem health and services
- 6. Biological surveys, urban heat island effect, GIS analysis, statistical analysis on what makes these parks most beneficial to wildlife, ecosystem health and services
- 7. Develop a toolkit with criteria and metrics for developing/planning new river adjacent parks that maximize ecosystem benefits
- 8. Community engagement ranging from LATTC field assistants, local consultants for wildlife identification, ED days, BioBlitz, stakeholder advisory board
- 9. Amigos de los Rios how to boost form a baseline and improve metrics, look at Peck Road Water Conservation Park
- 10. The Nature Conservancy utilize Natural History Museum and TNC BAILA maps as a resource as well as other river ecosystem studies
- 11. Nature4All data from cleanups

11:45 -12:00 pm

III. Public Comment

- a. Rivers and Mountains Conservancy Urban River Revitalization Summit on July 25-26, 2019 at LA State Historic Park
- b. Karen Barnett recommendation to coordinate river meetings and community outreach to prevent meeting fatigue and to provide opportunities for engagement



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 - i. Melissa You and/or Grace Cast, City of Long Beach & GWMA– LB MUST Expansion Project
 - ii. Robert Blankenship, Trout Unlimited Lower LA River Concrete Channel Enhancements
 - iii. Claire Robinson, Amigos de los Rios Hollydale Park Green Infrastructure Development
 - iv. Chau Vu, City of Bell Gardens Julia Russ Asmus Park Storm Water Infiltration and Restoration Project
 - v. Gerald Greene, GWMA Power Walking Among Power Lines
 - vi. Jim Meyer, Trails4All Conceptual Ideas
 - vii. Amanda Wagner, Heal the Bay Conceptual Ideas

11:45 -12:00 pm

III. Public Comment



Project Information Packet

The Lower LA River Implementation Advisory Group (IAG) aims to ensure that subsequently implemented projects are carried out in accordance with the Lower LA River Revitalization Plan and that stakeholders continue to have a voice in implementation. In its role as an advisory body, the IAG will provide guidance on proposed projects, but ultimately, individual entities with jurisdiction along the river corridor including the LA County Flood Control District, the US Army Corps of Engineers, and the cities will continue having decision-making authority.

Project Name	Long Beach Municipal Urban Stormwater Treatment (LB-MUST) Expansion			
Project Location	At the east bank of the LA River at Willow Street Interchange; and at east bank of the LA River at Artesia Boulevard Interchange			
Current Project Phase	Final Design and Construction			
Project Proponent	Gateway Water Management Aut	hority		
Mailing Address	16401 Paramount Blvd			
	Paramount, CA 90723			
Contact Person	Grace Kast	Department/Title	Executive Officer	
Email	Executive Officer	Phone	626-484-0338	

Project Description (Attach map / site layout / concept sketch):

The LB-MUST Expansion Project is a part of the LB-MUST program which intercepts polluted non-stormwater runoff and a percentage of the first flush of a storm flows generated within the Long Beach urban watershed (covering/treating over 12,000 acres) thereby preventing the transportation of pollution into the LA River. The program will improve water quality which in turn will also be beneficial to aquatic life by intercepting water runoff and reducing and/or eliminating pollution that would otherwise discharge into the LA River and spread onto City beaches and ocean waters. Recycled water, produced by the LB-MUST program, could be used in the parks to create and sustain wetlands habitat while providing a storage basin for the recycled water to be used in place of potable water for the irrigation of parks, parkways and riparian habitat within the park complex. The recycled water will also be used for the creation and support of urban greening along the Lower LA River.

The funding from the RMC Lower LA River Grant would facilitate an exhibition space at the expansion of the LB-MUST Project to the north at the east bank of the LA River at Willow Street Interchange and at east bank of the LA River at Artesia Boulevard Interchange, as shown on the following page. The expansion project would provide urban greening, activate open space, and provide wetlands and water quality features, and connects to the treatment facility, currently under design. The proposed improvements are consistent with the RMC program and the Proposition 1 Objective. (See attached map and exhibits)

References / Letters of Support (If available, list and attach):

Attached are letters of support from:

- Gateway Cities Council of Governments
- City of Long Beach District 9 Councilmember Rex Richardson
- Gateway Water Management Authority
- Wrigley Area Neighborhood Alliance

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lowerlariver.org Revised: 2019-02-26

Artesia

Avalon

Bell

Bellflower

Bell Gardens



October 30, 2018

Cerritos

Commerce Mr. Mark Stanley

Rivers and Mountains Conservancy Compton

100 N. Old San Gabriel Canyon Road

Azusa, CA 91702 Cudahy

Downey Dear Mr. Stanley

Hawaiian Gardens

Huntington Park

Support for the Long Beach Municipal Urban Stormwater Subject:

Treatment (LB-MUST) Project for the Proposition 1 Lower Los

Angeles River Grant Program

La Mirada

Lakewood

Long Beach

Industry

The Gateway Cities Council of Governments (GCCOG) representing the 27 cities of southeast Los Angeles with a population of 2.1 million is very excited to support the Long Beach Municipal Urban Stormwater Treatment (LB-MUST) Project application for funding construction from the Proposition 1 Lower Los Angeles River Grant Program through the San Gabriel and Lower Los Angeles Rivers and

Mountains Conservancy. Lynwood

Maywood Montebello

The GCCOG has been an active leader in multi-benefit projects along the LA River, with a focus on transportation and livability improvements in disadvantaged communities. We are strong proponents of open space and park projects that also achieve water conservation, stormwater benefits, social and health benefits, and

Norwalk

restore wildlife within the corridors.

Paramount Pico Rivera

The project will to divert contaminated stormwater from entering the Los Angeles River for the purposes of irrigating local open green space. Improving recreational water quality along the LA River and regions parks is a wonderful enhancement to

Santa Fe Springs

our communities. Signal Hill

South Gate

The LB MUST project corrects several obstacles which include:

Vernon

Providing connections and enhancements to the LA River Regional Trail. Provides coastal wetlands for migratory birds and native plant and wildlife

Whittier

Modifies the existing blighted vacant lots that are inaccessible with active recreation for our communities which enhances safety, our surroundings and quality of life.

County of Los Angeles

Port of Long Beach

We believe the LB-MUST project is worthy of Proposition 1 Lower Los Angeles River Grant Program Funding due to its proposed watershed-appropriate landscaping to support wildlife habitat and mitigate the historical adverse environmental effects within the proposed project area. Educational features are planned along the LB-MUST facility's grounds, buildings and trails, and within the future wetlands to inform the public of the consequences of ignoring what enters the storm drains and pollutes the City's waterways. Given the limited availability of open space and the continued need to use alternative sources of water, it is my sincere hope that the RMC will consider funding this worthwhile project.

If you have any questions, please contact me at (562) 663-6850.

Sincerely,

Manage Pfeffer
Nancy Pfeffer

Executive Director



Los Angeles Gateway Region Integrated Regional Water Management Joint Powers Authority

October 11, 2018

Mr. Mark Stanley Rivers and Mountains Conservancy 100 N. Old San Gabriel Canyon Road Azusa, CA 91702

Dear Mr. Mark Stanley,

Subject: Support for the Long Beach Municipal Urban Stormwater Treatment (LB-MUST)
Project for the Proposition 1 Lower Los Angeles River Grant Program

As the Executive Officer of the Gateway Water Management Authority (GWMA), the State-recognized agency for integrated water resources management in the Gateway Region, we are excited to support the Long Beach Municipal Urban Stormwater Treatment (LB-MUST) Project (including tributary partner agencies: County of Los Angeles, Signal Hill, Lakewood, Paramount and Compton) application for funding from the Proposition 1 Lower Los Angeles River Grant Program through the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy.

As you know, the GWMA has been an active leader in multi-benefit projects throughout the Gateway Region, with an additional focus on watershed improvements in disadvantaged communities. We are strong proponents of projects that combine open space and park improvements with water conservation, stormwater benefits, social and health benefits, and restore wildlife within the corridors.

The potential to divert contaminated stormwater from entering the Los Angeles River for the purposes of irrigating local open green space is truly a magnificent plan. Improving recreational water quality along the Los Angeles River and the Gateway Region's parks is a wonderful enhancement to our communities.

In addition to watershed benefits, the LB-MUST project corrects several additional obstacles which include:

- Providing connections and enhancements to the LA River Regional Trial.
- Provides Coastal Wetlands for migratory birds and native plant and wild life

Lisa Rapp (Lakewood), Board Chair • Adriana Figueroa (Paramount), Vice-Chair • Kelli Tunnicliff (Signal Hill), Secretary/Treasurer Proudly serving Gateway cities and agencies in Southeastern Los Angeles County

 Modifies the existing blighted vacant lots that are inaccessible with active recreation for our communities which enhances the safety, our surroundings and quality of life.

We believe the LB-MUST Project is most worthy of Proposition 1 Lower Los Angeles River Grant Program Funding due to its proposed watershed-appropriate landscaping to support wildlife habitat and mitigate the adverse environmental effects within the proposed project area. The LB-MUST project provides multiple opportunities for green infrastructure to address the lack of safe open space adjacent to the Los Angeles River. Educational features are planned along the LB-MUST facility's grounds, buildings and trails, and within the future wetlands to inform the public of the consequences of ignoring what enters the storm drains and pollutes the City's waterways. Given the limited availability of open space and the continued need to use alternative sources of water, it is my sincere hope that the RMC will consider funding this critical project.

If you have any questions, please contact me at (626) 485-0338, gracekast.gateway@gmail.com.

Sincerely,

Grace J. Kast

Executive Officer

Gateway Water Management Authority



October 29, 2018

Mr. Mark Stanley Rivers and Mountains Conservancy 100 N. Old San Gabriel Canyon Road Azusa, CA 91702

Subject: Support for the Long Beach Municipal Urban Stormwater Treatment (LB-MUST) Project for the Proposition 1 Lower Los Angeles River Grant Program

Dear Mr. Stanley:

We are excited to support the Long Beach Municipal Urban Stormwater Treatment (LB-MUST) (including tributary partner agencies: County of LA, Signal Hill, Lakewood, Paramount and Compton) Project application for funding from the Proposition 1 Lower Los Angeles River Grant Program through the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy.

The City of Long Beach has been an active leader in multi-benefit projects along the LA River, with a focus on watershed improvements in disadvantage communities. We are strong proponents of open space and park projects that also achieve water conservation, stormwater benefits, social and health benefits, and restore wildlife within the corridors.

The potential to divert contaminate stormwater from entering the Los Angeles River for the purposes of irrigating local open green space is truly a magnificent plan. Improving recreational water quality along the LA River and regions parks is a wonderful enhancement to our communities.

The LB MUST project corrects several obstacles which include:

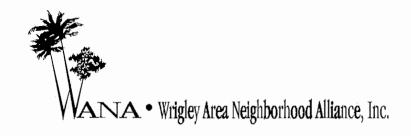
- Providing connections and enhancements to the LA River Regional Trial.
- Providing Coastal Wetlands for migratory birds and native plant and wild life
- Modifying the existing blighted vacant lots that are inaccessible with active recreation for our communities which enhances the safety, our surroundings and quality of life.

We believe the LB-MUST project is most worthy of Proposition 1 Lower Los Angeles River Grant Program Funding due to its proposed watershed-appropriate landscaping to support wildlife habitat and mitigate the adverse environmental effects within the proposed project area. Educational features are planned along the LB-MUST facility's grounds, buildings and trails, and within the future wetlands to inform the public of the consequences of ignoring what enters the storm drains and pollutes the City's waterways. Given the limited availability of open space and the continued need to use alternative sources of water it is my sincere hope that the RMC will consider funding this worthwhile project.

Sincerely,

Rex Richardson Councilmember

City of Long Beach, 9th District



October 30, 2018

Mr. Mark Stanley Rivers and Mountains Conservancy 100 N. Old San Gabriel Canyon Road Azusa, CA 91702

Dear Mr. Stanley:

RE: Community Support for the Long Beach Municipal Urban Stormwater Treatment ("LB-MUST") Project for the Proposition 1 Lower Los Angeles River Grant Program

The Wrigley Area Neighborhood Alliance ("WANA") supports the conceptual approach for the LB-MUST Project as presented in the City of Long Beach application. WANA members residing in the Wrigley District has been active participants in promoting multi-benefit projects along the Los Angeles River. We are strong advocates for integrated open space and park projects that also incorporate water conservation components, stormwater quality improvements and restore wildlife habitat within our Wrigley neighborhoods.

Furthermore, the LB MUST project incorporates several of the key neighborhood goals identified in the Long Beach RiverLink Plan adopted in 2002.

- Enhancement neighborhood access to the Los Angeles River Regional ("LARIO") Trial
- Expansion of habitat for migratory birds and native wildlife near the Willow Street Estuary
- Improved aesthetics incorporating the underutilized lots along Willow Street between Golden Avenue and the Los Angeles River
- Maximization of the use of storm water as a source of recycled water for irrigation and groundwater infiltration on the west side of Long Beach
- Establishment of a neighborhood gathering places that contribute to strengthening neighborhood bonds

If I can be of further assistance, please do not hesitate to contact me.

1

an V. Greenwood, President

Wrigley Area Neighborhood Alliance

Tel: (562) 355-8679

E-Mail: wrigleyalliance@gmail.com

** Please see attached for Explanation/Information**

Project Discussion

The intent of the project packet is to help the proposed project remain consistent with the Lower Los Angeles River Revitalization Plan (LLARRP) and identify are of potential need where the committees and the Implementation Advisory Group (IAG) can be a resource to aid in finding funding, project partners, innovation, etc. Please answer the following questions as completely as possible given the stage of the project.

	PREWIC	PPC	PACEC	Question	Yes	N N
General				1. Is the project consistent with the Lower Los Angeles River Revitalization Plan (LLARRP)?	1	
Ğ				Explain:		
				2. Does the project improve the overall water quality of the Los Angeles River?	1	
ter				Explain:		
Water				3. Does the project implement stormwater capture, water conservation practices, and/or other methodologies?	1	
				Explain:		
				4. What environmental documentation (CEQA, NEPA, etc.) will be required or has been completed for the project?	1	
4				Explain:		
Environment				5. Are there any activities associated with the project that could impact the environment such as trash, pet waste, or chemicals?		1
vir				Explain:		
Δū				6. Will the project reduce or mitigate GHG emissions, improve air quality, and/or improve water quality?	1	
				Explain:		
Infrastructure				7. Will the project modify existing infrastructure such as flood control channels, open space, utility corridors, ROW land use, and transportation corridors?	√	
Infr				Explain:		
-x E				8. Does the project create habitat or improve ecosystem health within the watershed?	1	
at 8 ster				Explain:	1	
Habitat & Ecosystem				9. Is there native Los Angeles River riparian/wetland vegetation planned for the project?	1	
				Explain:		
Multi- Benefit				10. Does the project expand existing or create new multi-benefit opportunities?	1	
≥ a B			Explain:			

** Please see attached for Explanation/Information**

	PREWIC	PPC	PACEC	Question	Yes	No
				11. Is there potential funding the project proponent is seeking for the project?	√	
				Explain:		
Funding				12. Are there any funding gaps identified in the project?	1	
교				Explain:		
				13. Are there any identified partnerships?	1	
				Explain:		
				14. Are there plans for addressing safety and security within the project limits?	√	
				Explain:		
Policy				15. Is the project identified in any existing plans/policies (federal, state, local)?	√	
Ф.				Explain:		
				16. Has the city in which the project will be located adopted any of the policies described in the Community Stabilization Toolkit?	1	
				Explain:		
				17. Is there a group the project intends to serve (e.g., residents, youth, pedestrians, cyclists, artists, equestrians, bird watchers)?	1	
				Explain:		
				18. Is the project in a disadvantaged community?	1	
Equity				Explain:	_	
Equ				19. Will the project create any potential negative impacts on the local community?		√
				Explain:		
				20. Does the project address the concerns of equity, displacement, and environmental justice?	1	
				Explain:		
Community Engagement				21. Has the project been engaging the community in its development process?	1	
				Explain:		
				22. Has the project consulted with the Native nations it intends to build land on?	1	
ity				Explain:		
านท				23. Are there future plans for community engagement?	1	
mu				Explain:	•	
Ö				24. Has the project received feedback?	./	
				Explain:	V	



1. Is the project consistent with the Lower Los Angeles River Revitalization Plan (LLARRP)?

The project is consistent with the LLARRP and will serve disadvantaged communities; provides urban greening along the Lower LA River; activates open space; provide wetlands; and have water quality features.

2. Does the project improve the overall water quality of the Los Angeles River?

The LBMUST program will improve water quality of the Los Angeles (LA) River by intercepting water runoff and reducing and/or eliminating pollution that would otherwise discharge into the LA River and spread onto City beaches and ocean waters.

3. Does the project implement stormwater capture, water conservation practices, and/or other methodologies?

The LB-MUST program intercepts, captures and treat polluted non-stormwater runoff and a percentage of the first flush of a storm flows generated within the Long Beach urban watershed (covering/treating over 12,000 acres) thereby preventing the transportation of pollution into the LA River.

4. What environmental documentation (CEQA, NEPA, etc.) will be required or has been completed for the project?

CEQA California Enviornmental Quality Act (CEQA) environmental document for the LB-MUST program has been completed. An Initial Study/Mitigated Negative Declaration (MND) was prepared and adopted by City Council on January 23, 2018. The NOD was filed shortly after.

5. Are there any activities associated with the project that could impact the environment such as trash, pet waste, or chemicals?

The project provides an opportunity to connect to the LA River Trail, water quality features, wetlands and greening. Littering and pet waste can be discouraged by providing trash receptacles.

6. Will the project reduce or mitigate GHG emissions, improve air quality, and/or improve water quality?

The project would improve the water quality by intercepting water runoff and reducing and/or eliminating pollution that would otherwise discharge into the LA River. The urban greening elements of the project will also help improve air quality.

7. Will the project modify existing infrastructure such as flood control channels, open space, utility corridors, ROW land use, and transportation corridors?

The project will activate open space that are currently blighted and underutilized within the transportation and utility corridors.

8. Does the project create habitat or improve ecosystem health within the watershed?

The project will create open space that will improve the ecosystem health within the watershed by intercepting and capturing water runoff and reducing and/or eliminating pollution that would otherwise discharge into the LA River and spread onto City beaches and ocean waters. It also contributes significantly towards the goal of restoring the LA River



by ways of creating and sustaining the wetlands with the waters and provides space for migratory birds and native plant and wild life.

9. Is there native Los Angeles River riparian/wetland vegetation planned for the project?

The LB-MUST Project intends to include significant amount of native plant palette for the planned wetlands. Embedding plants indigenous to Long Beach will facilitate the preservation of wild life. Birds, butterflies, and beneficial insects prefer native plants. Additionally, maximizing the use of native plants will facilitate saving water for other uses and maintenance would naturally be minimal as these are plants that are already adapted to the local environment.

10. Does the project expand existing or create new multi-benefit opportunities?

The Project is a multi-beneficial regional project that:

- Improves water quality
- Reduces pollution that would otherwise discharge into the LA River
- Provides urban greening along the Lower LA River
- Activates open space
- Provides wetlands; and have water quality features
- Serves disadvantaged communities.

11. Is there potential funding the project proponent is seeking for the project?

Yes, the project proponent is continuing to seek grants and partnerships to help fund the various components of the project. The project proponent is requesting for \$4M from the Rivers and Mountains Conservancy Proposition 1 Lower LA River Grant Program to help fund the expansion improvements at the East Banks of the LA River at Artesia Boulevard and at Willow Street.

12. Are there any funding gaps identified in the project?

Yes, there are funding gaps identified. The overall project is anticipated to cost \$150 million. Currently, the project has been funded \$31.3 million for the planning; design and construction of the treatment facility and filtration unit equipment; design and construction of the LB-MUST wetlands (near the Shoemaker Bridge).

13. Are there any identified partnerships?

Project partners include Caltrans, Port of Long Beach, Wilmore City Heritage Association, Rivers and Mountains Conservancy.

14. Are there plans for addressing safety and security within the project limits?

Yes, appropriate lighting and fencing would be included in the safety measures.

15. Is the project identified in any existing plans/policies (federal, state, local)?

The project is identified in the City of Long Beach's master plan, consistent with the City's Land Use & Urban Design Elements 2040 General Plan, the City's Sustainable City Action



Plan, and also consistent with the Gateway Cities Council of Governments Artesia Boulevard Master Plan.

16. Has the city in which the project will be located adopted any of the policies described in the Community Stabilization Toolkit?

Yes, the project will support existing workforce training programs and will be collaborating with the Conservation Corps of Long Beach.

17. Is there a group the project intends to serve (e.g. residents, youth, pedestrians, cyclists, artists, equestrians, bird watchers?

The project will activate open space that will not only serve the nearby residential neighborhoods, but will also provide connection to the LA River Trail for pedestrians and cyclists.

18. Is the project in a disadvantaged community?

The project sites (East Bank of LA River at Artesia Boulevard and Willow Street) are located are in disadvantaged communities as identified using the CalEnviroScreen 3.0.

19. Will the project create any potential negative impacts on the local community?

It is not expected for the project to create potential impacts on the local community as it will activate underutilized, blighted areas, and have water quality features.

20. Does the project address the concerns of equity, displacement, and environmental justice?

Yes, the project sites are on publicly owned underused property that will not cause displacement. It will contribute toward open space by creating new wetlands. It will benefit areas that have been identified to have less than 2 acres of open space per 1,000 residents.

21. Has the project been engaging the community in its development process?

The project was presented at community events near the LA River, as well as at the city hall and city parks during the development of the feasibility study, master plan and environmental phases to inform the communities of the project and to solicit feedback from the public regarding their concerns. A small model was developed and presented at the community outreach events to facilitate the understanding of the LB-MUST Program and the treatment process. The feedback from the public was positive. People were excited that a project was going to be implemented to help clean up the LA River, provide greening, and improving the underutilized areas adjacent to the LA River.

22. Has the project consulted with the Native nations intends to build land on?

In compliance with AB 52, the City of Long Beach distributed letters to numerous Native American tribes notifying each tribe of the opportunity to consult with the City regarding the proposed project. The tribes were identified based on a list provided by the Native American Heritage Commission (NAHC), or were tribes that had previously requested to be notified of future projects proposed by the City. These letters were distributed on April 3, 2017. Two



tribal response letters were received by the City; the Gabrielino Band of Mission Indians – Kizh Nation provided a letter to the City dated May 2, 2017 requesting consultation regarding the proposed project. The Tongva Ancestral Territorial Tribal Nation also responded and requested additional information pertinent to the cultural resources analysis; this information was provided but no further correspondence or request for consultation was received.

23. Are there future plans for community engagement?

As the project continues to develop, there will be future opportunities for community engagement at community events. As part of the program management plan, there is a continued community engagement plan. The project is included in the West Long Beach Integration Plan, which shows the project is integrated with other planned projects (such as the I-710 Corridor Project and the Shoemaker Bridge Replacement Project).

24. Has the project received feedback?

As noted above, the project was presented at community events, at the city hall and city parks, and feedback from the public have been positive. People were excited that a project was going to be implemented to help clean up the LA River, provide greening, and improving the underutilized areas adjacent to the LA River.

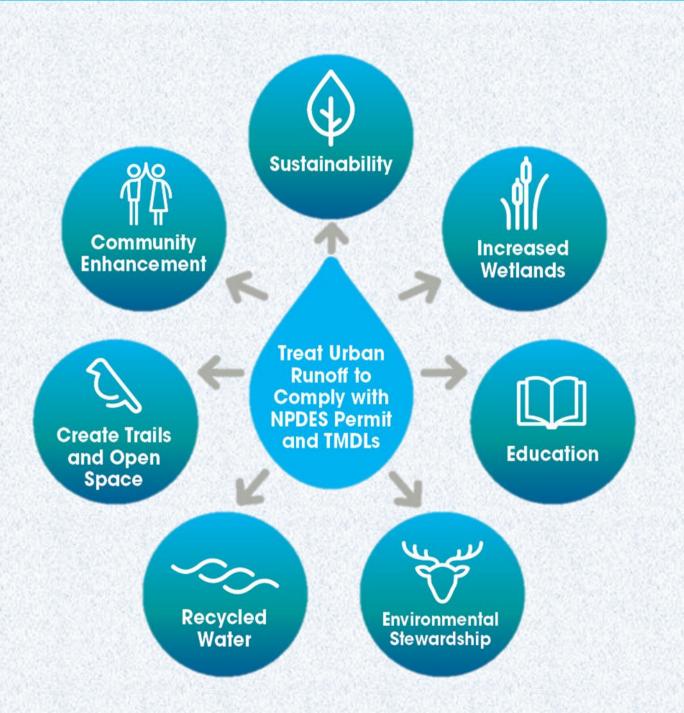
Wilmore City Heritage Association, a non-profit corporation that was formed to improve, preserve and promote Long Beach's historic district, has shown their support for the project. They were recently awarded a grant that would help fund a phase of the project which consists of design and construction of a bio-swale that ties into the LB-MUST project.

Lower LA River – PREWIC Meeting



Project Purpose





- ✓ Meet NPDES Permit Requirements
- √ Environmental Stewardship
- ✓ Wetland habitat
- √ Sustainability
- ✓ Alternate Water Source
- ✓ Community Enhancement
- √ Public Education

LB-MUST CONCEPT PLAN

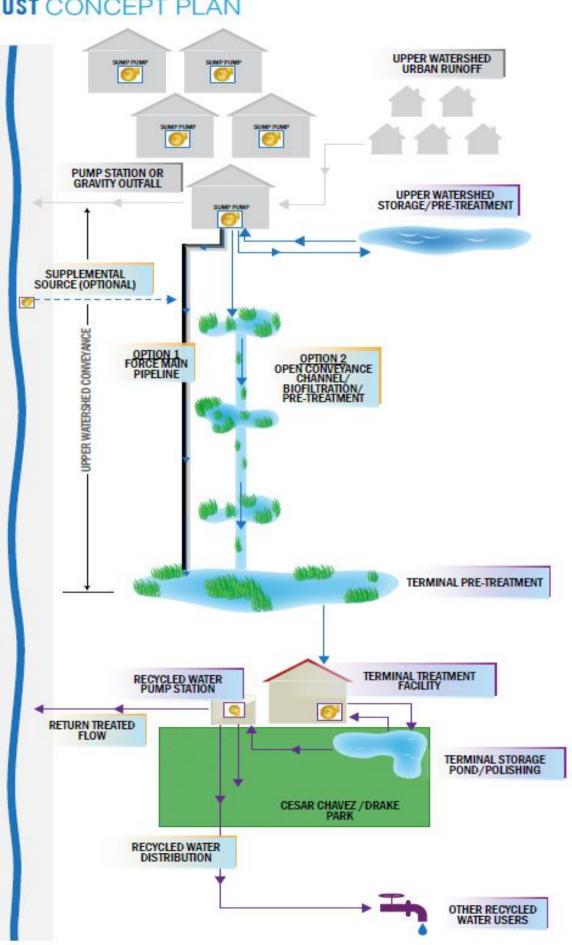
RIVE

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Project Overview



- Capture/clean urban runoff in LA River watershed
 - Approximately 12,300 acres (41% of Long Beach)
- Connect to existing pump stations
- Series of linear wetlands
 - Along 8 miles of the LA River (Shoemaker to SR-91)
- Stormwater treatment facility
 - Located near the Shoemaker Bridge
 - **Future Educational Facility**

Terminal Treatment Facility





posed LB MUST Treatment Facility (17) ity of Long Beach Boundary (16) (12) (7d)

LB-MUST

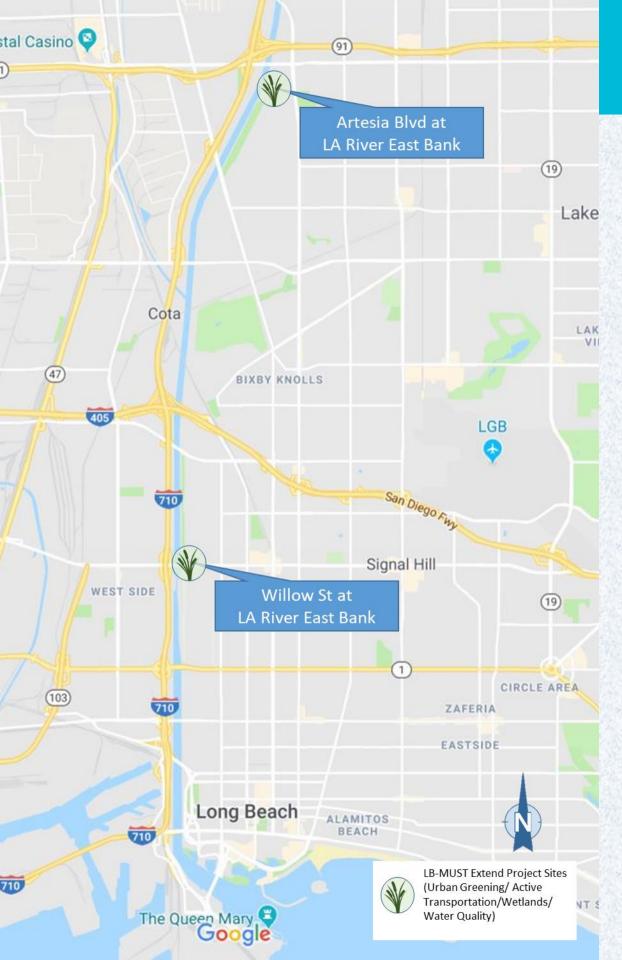


Multi-Beneficial Regional Project

- Improves water quality
- Reduces pollution that would otherwise discharge into the LA River
- Provides urban greening along the Lower

 LA River
- Activates open space
- Provide wetlands; and have water quality features
- Serves disadvantaged communities

Consistent with the RMC program and the Proposition 1 Objectives



Project Location



- ✓ Artesia Boulevard at LA River East Bank
- ✓ Willow Street at LA River East Bank

The sites are also recognized for their potential suitability for:

- ✓ Wetlands restoration,
- ✓ Close proximity to the LA River,
- ✓ Flat and low topography,
- ✓ Available land of adequate size, and supportive public & resource agencies
- ✓ Consistent with Long Beach's vision along the LA River and Integration for the I-710 Corridor.



Existing Condition at Artesia Blud



Conceptual Planning at Artesia Blvd



Potential Urban Greening, Active Open Space, Wetlands & Water Quality Features



Existing Condition at W. Willow Street





Conceptual Planning at Willow Street



Potential Urban Greening, Active Open Space, Wetlands & Water Quality Features



Conceptual Plan

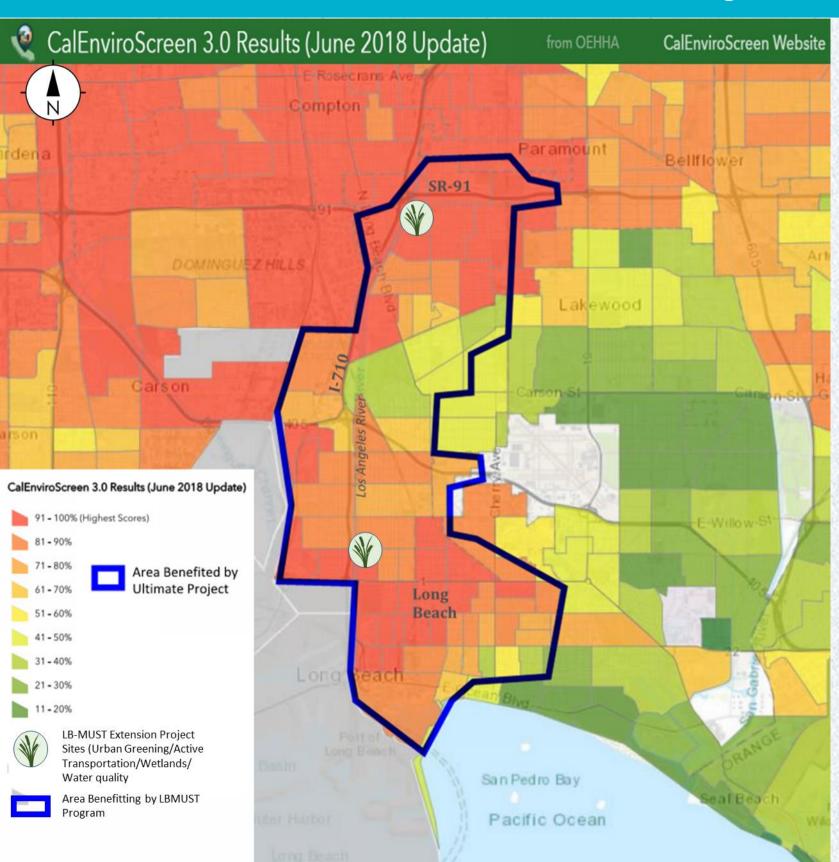


Potential Urban Greening, Active Open Space, Wetlands & Water Quality Features



Environmental Justice





Provides relief to a densely populated area in the form of parks, wetlands and additional greening along the LA River.

Artesia Boulevard

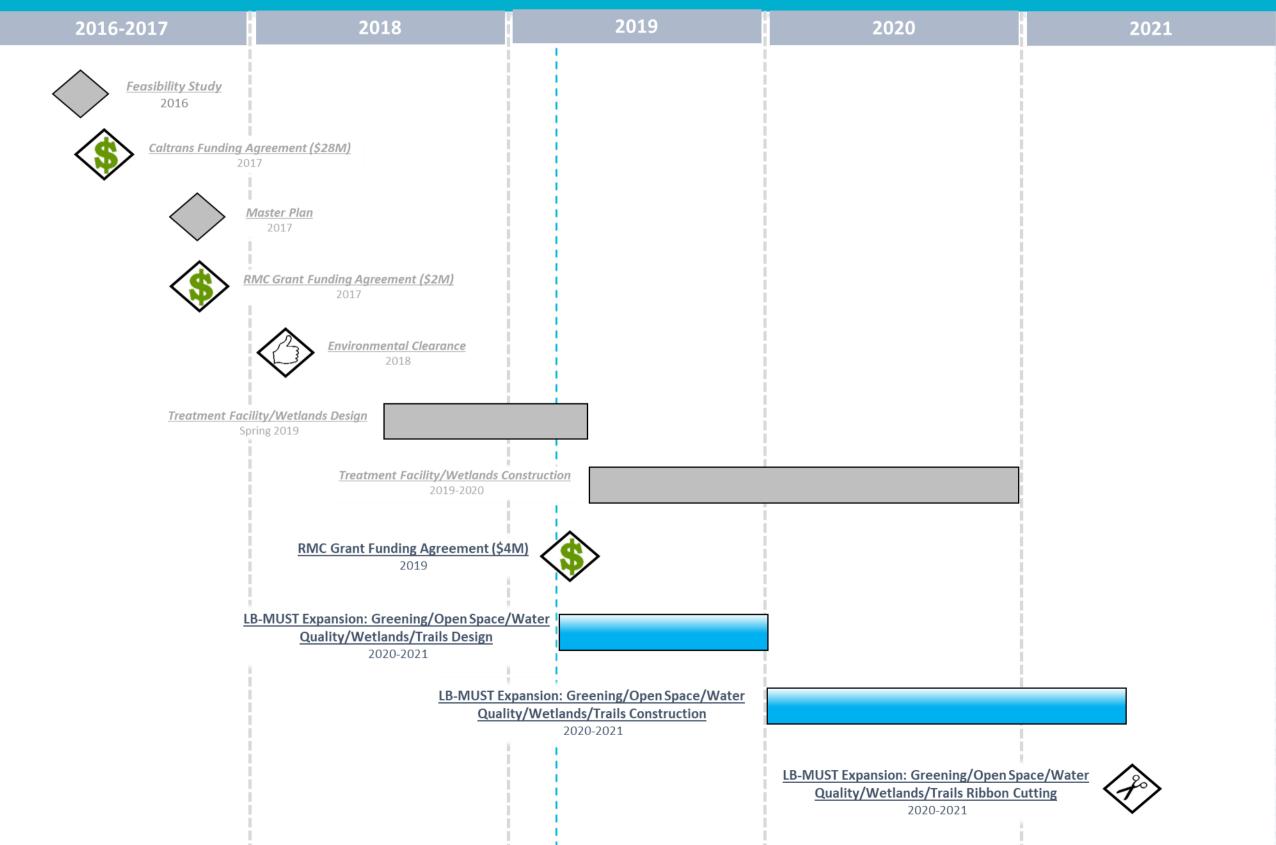
Located within a disadvantaged community.

Willow Street

Less than 2 acres of open space per 1000 residents (per Parks for All Californians)

LB-MUST Schedule





LB-MUST Project - Project Funding

SUMMARY OF MATCHING FUNDING SOURCES:

Funding Sources	Funding Intent	Funding Amount
Caltrans	Conveyance and Treatment Facility	\$28,000,000
RMC	LBMUST Wetlands	\$2,000,000
Port of Long Beach	Stormwater filtration units	\$1,000,000
City of Long Beach – Local Funds	Planning	\$300,000
Total:		\$31,300,000

BUDGET REQUEST:

<u>Task</u>	Site 1 Artesia Blvd At LA River East Bank	Site 2 Willow Street At LA River East Bank	<u>Total</u>
1. Prog. Mgmt/Admin	\$100,000	\$100,000	\$200,000
2. Design	\$200,000	\$200,000	\$400,000
3. Construction	\$1,700,000	\$1,700,000	\$3,400,000
Totalı	\$2,000,000	\$2,000,000	\$4.00.000
Total:	\$2,000,000	\$2,000,000	\$4,00,000

Lower LA River – PREWIC Meeting





Public Realm, Environment, Water & Infrastructure Committee





Claire Robinson, Managing Director Amigos de los Rios

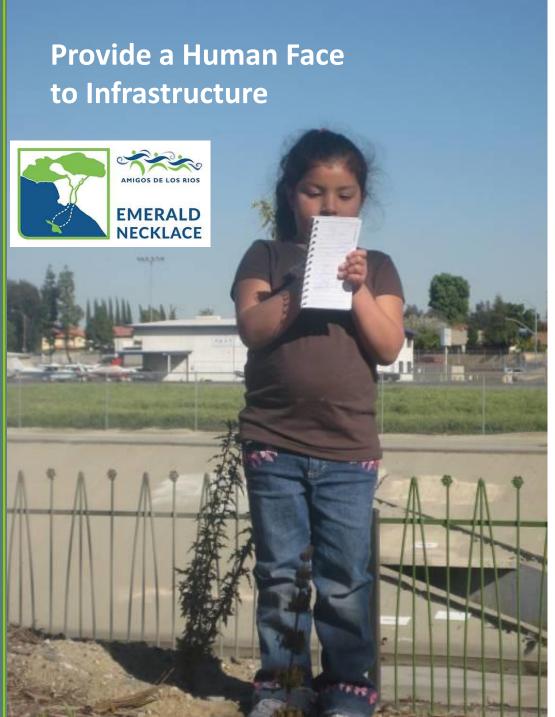
Los Angeles Basin – Major Rivers & Protected Lands

San Gabriel Mountains/Angeles



OUR RIVERS "This book is an absolute must-read for parents." -The Boston Globe Last Child in the Woods Saving Our Children from Nature-Deficit Disorder **Children Need Time Outdoors** American Children spend 9 minutes on average outdoors

CONNECTING URBAN FAMILIES TO NATURE



Necessity of Green



Infrastructure:

Majority of US population lives in urban areas:

- PUBLIC HEALTH
 - Access to Recreation
 - Social Equity/Environmental Justice
 - Nature Deficit Disorder

• ENVIRONMENTAL HEALTH

- Air & Water Quality
- Greenhouse Gas Uptake
- Heat Island Mitigation

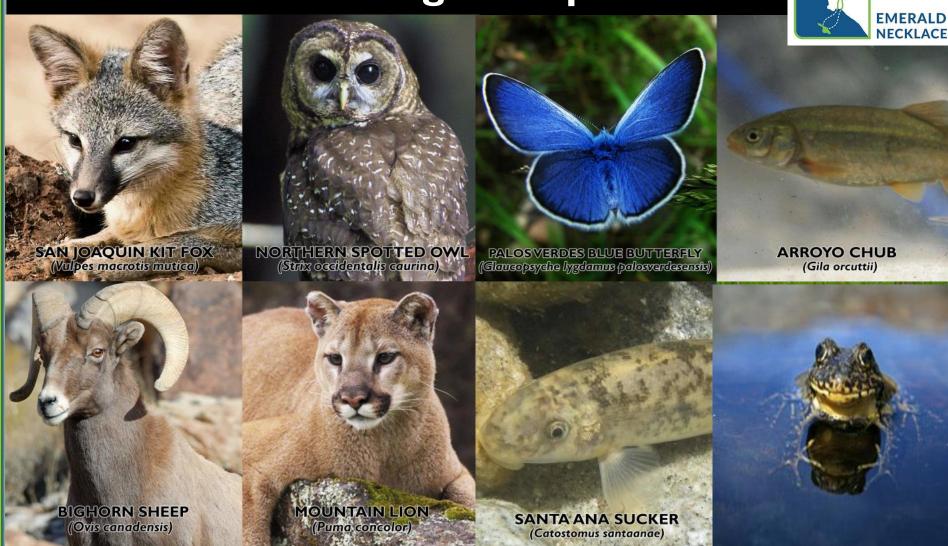
• COMPLIANCE FEDERAL & STATE MANDATES

- Clean Water & Air Acts
- Ms4 Permits, Climate Action
- •BEAUTY...CULTURE
- •NATURAL CAPITAL

JOB TRAINING &

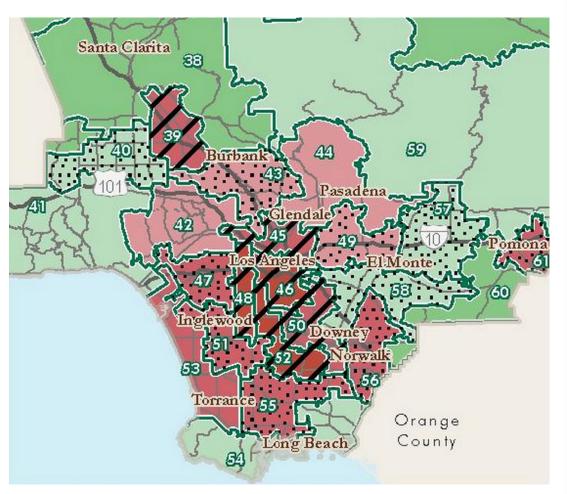
GREEN JOBS

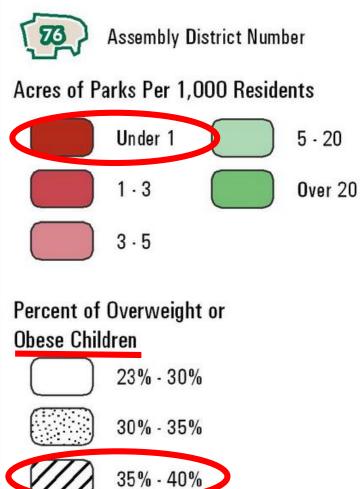
Los Angeles Basin's Biodiversity – Endangered species



Natural Heritage & Diversity in relationship to Cultural Heritage & Diversity

Disparity of Access to Natural Areas & to Recreation





- 2011 report from The City Project

Los Angeles County





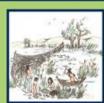
First People's Knowledge



Life along the River **TONGVA**

Rio Vista Park







The Tongva/Gabrielino lived, for thousands of years, in the area that is now covered by Los Angeles County and parts of Orange County. They started each day with a prayer to bring out the sun and bathed in the waters of the river. Food was abundant and men chanted then attached as thatching. The domes while fishing and hunting, women sang while they gathered plants, seeds, and shell fish, and the ceiling to let out the smoke from the children laughed while playing in the river. The sound of Shamans chanting in their sacred house was ever present. If you listen closely, you can still hear the Shamans' chants in the wind and their whispers in the water.

Tongva/Gabrielino hunted and fished the sea in great red wood and pine blank canoes called Te-ott and fished along the shore using large tule canoes. They also crossed to the island areas to trade with their fellow Tongva who those to inhabit the island areas.

They spent the months from spring to fall gathering food and preparing it for the rest of the year. They also gathered reeds and

grass to make the different items they needed for daily life. Their houses were dome shaped, and were made by bending and tying willow branches into the shape needed and river reeds and grasses were had one entrance and a "smoke hole" in the small fire that was used for light and

Plants and animals could not be collected or hunted unless prayers were made to ask the permission of the plant and animal people. Songs were sung and melodies were hummed to ensure the goodness of the food and to maintain the all important balance and connection in nature.

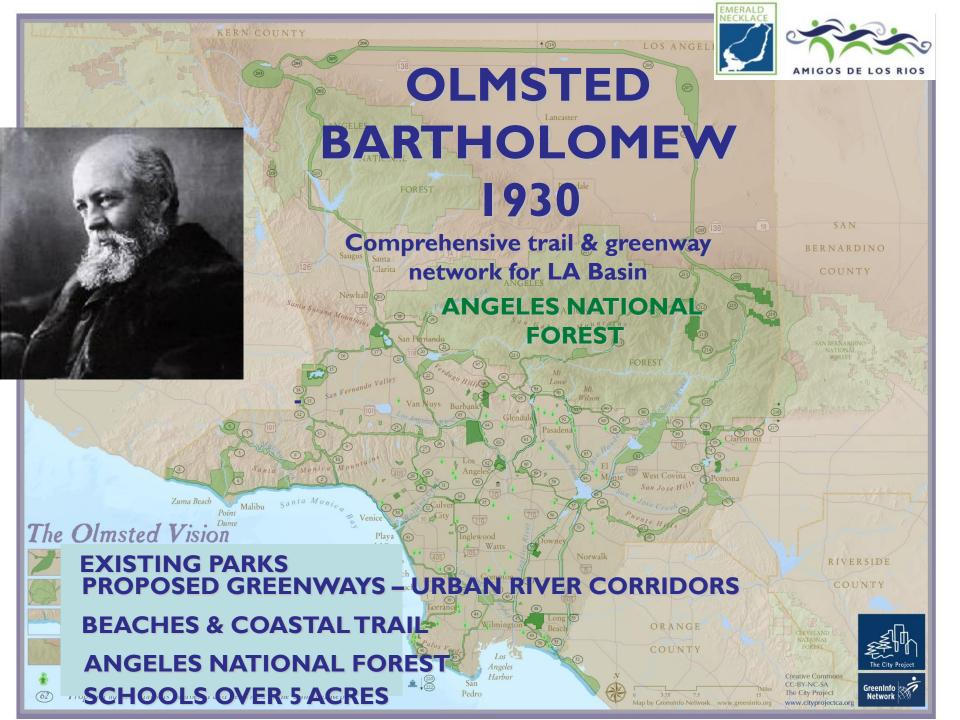
Tongsa/Gabrielino, through their culture and rituals, have marked an important era in the history of this area and their











THE EMERALD NECKLACE EXPANDED PLAN VISION



Green Infrastructure Vision LA BASIN

REGIONAL GOALS

REGIONAL GOAL

- Promote Active Transportation Walking, Biking, and Alternative Commute Options
- 2 Create Functional and Multi-Purpose Natural (Green) and Built (Grey) Environment Networks
- 3 Improve Public Health by Expanding Access to Nature and Outdoor Recreation
- Treat Water as a Multi-Benefit Amenity
- Design and Build Communities Resilient to the Current and Projected Impacts of Climate Change
- 6 Enhance Regional Anchors for People and Wildlife
- Support Environmental Awareness and Civil Engagement through Education, Outreach, and Cultural Heritage
- Foster a Green Economy that Creates Jobs and Encourages Investment in Local Multi-Benefit Projects

COMMON VISION

- An interconnected network of walking and biking trails, from forest to ocean
- 2 Interconnected and complementary green and grey infrastructure networks
- A nature-based network of recreation facilities that promotes public health, social justice and equity
- A water network that infiltrates groundwater, manages wet weather events and provides human enjoyment
- Communities resilient to changing water supplies, climate extremes and sea level rise
- A linked network of open space treasures from the Mountains to the Sea
- A network of culturally aware and civically involved communities that support conservation, restoration and recreation
- A robust and sustainable local economy that produces new economic opportunities around a growing green infrastructure

TOWARDS A COMMON VISION











PECK ROAD WATER



RIO VISTA PARK



GIBSON MARIPOSA PARK

DURFEE THOMPSON PARK

LASHBROOK PARK

ENHANCE REGIONAL ANCHORS MAP

This map depicts the existing natural areas within the Expanded Emerald Necklace.
These valuable spaces are connected through the river network, which links these open spaces together and allows wildlife habitat connectivity, making these resources invaluable to Los Angeles County.

LEGEND

Emerald Necklace
Greenway along Rivers/
Washes/Creeks

Proposed San Gabriel
Watershed & Mountains
Permanent Protections

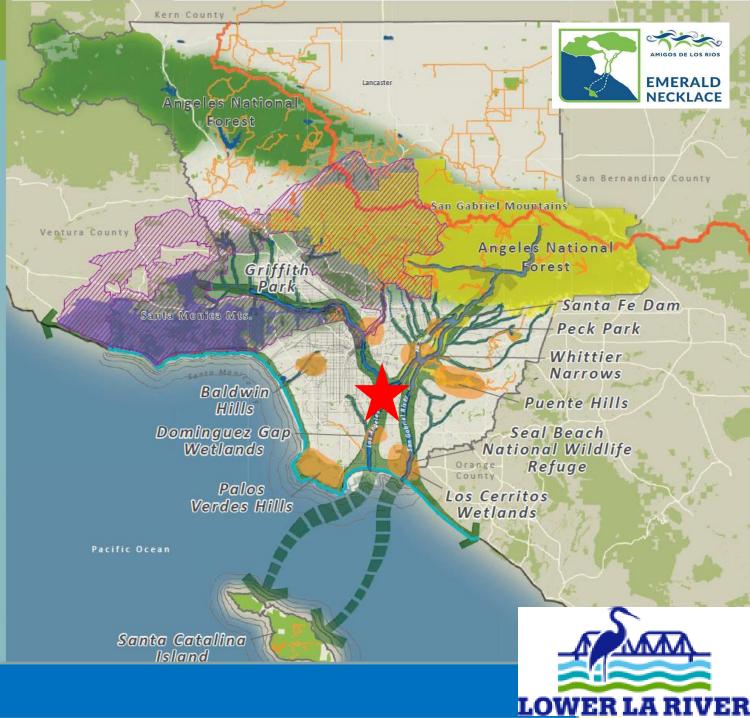
Proposed Rim of the Valley Corridor

Santa Monica Mountains National Recreation Area

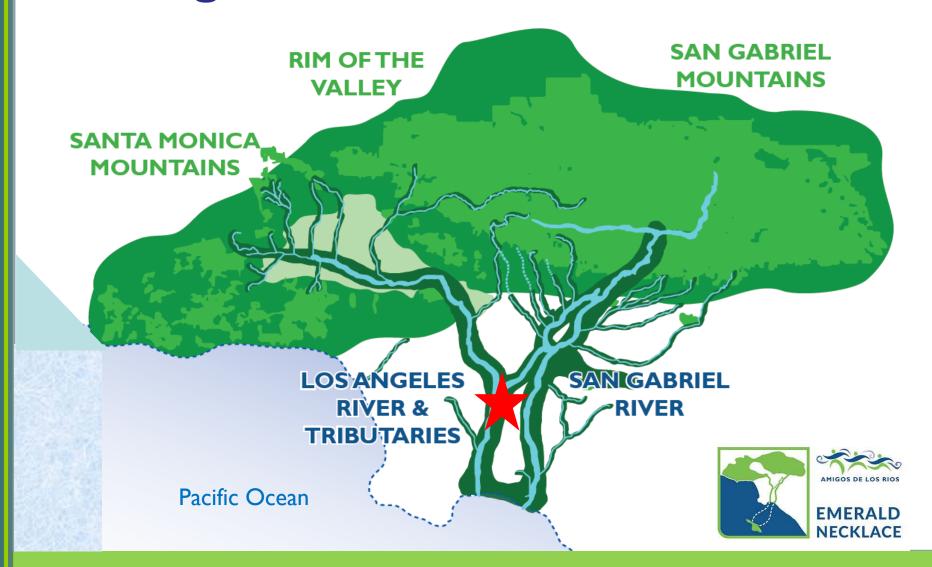
Major Regional Anchors

Beach Trails

Pacific Crest Trail

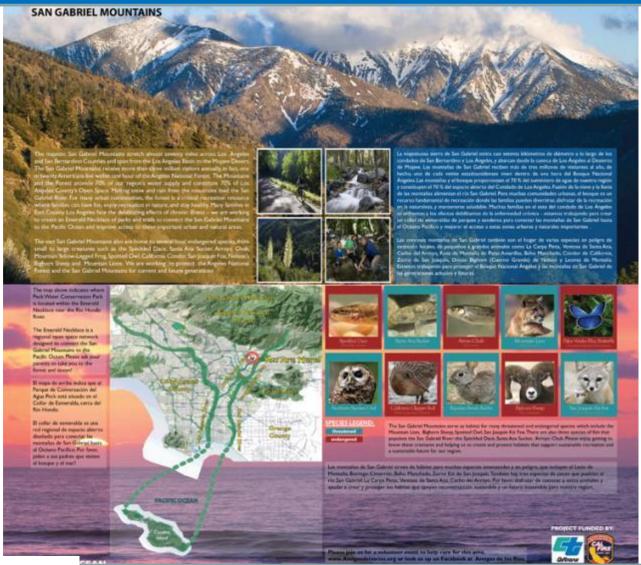


Los Angeles Basin - "BIG PICTURE"



Green Infrastructure

Mountains to Sea

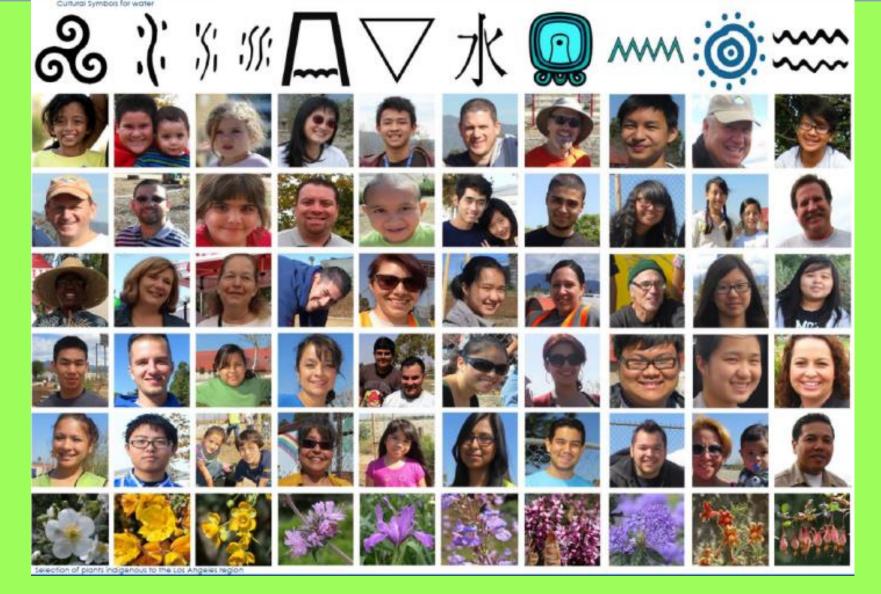






Vocabulary "DNA" of Projects AMIGOS DE LOS RIOS





Diverse Cultural Heritage = LA

















Hollydale Regional Park South Gate, CA



Proposed Green Infrastructure, Nature-Based Recreation Elements, Tree Canopy & Habitat Enhancement

Green Infrastructure Parking Lots

Urban Canopy Areas



South Gate Master Plan Elements

Permeable Surfaces



Native Habitat Restoration & Enhancement



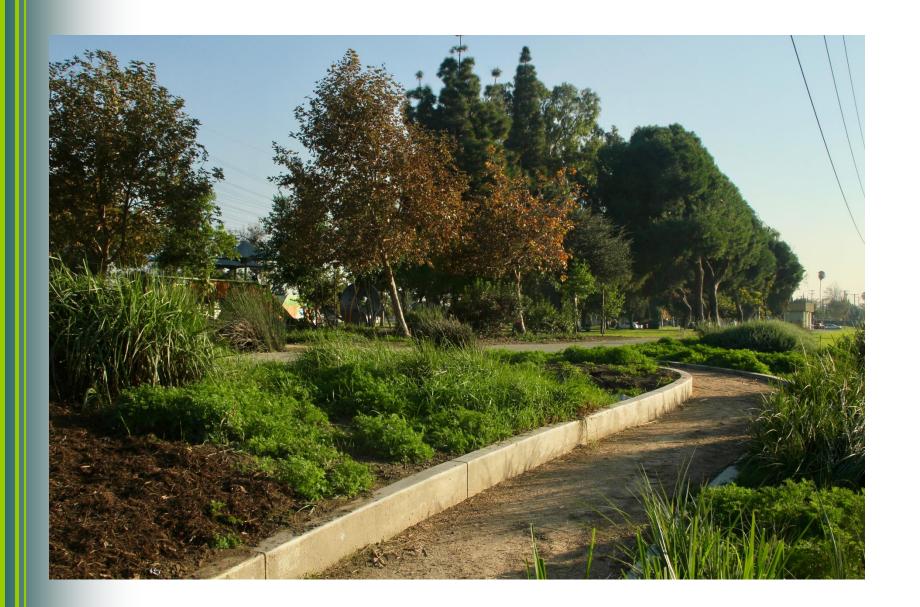
Interpretive Elements



Amenities





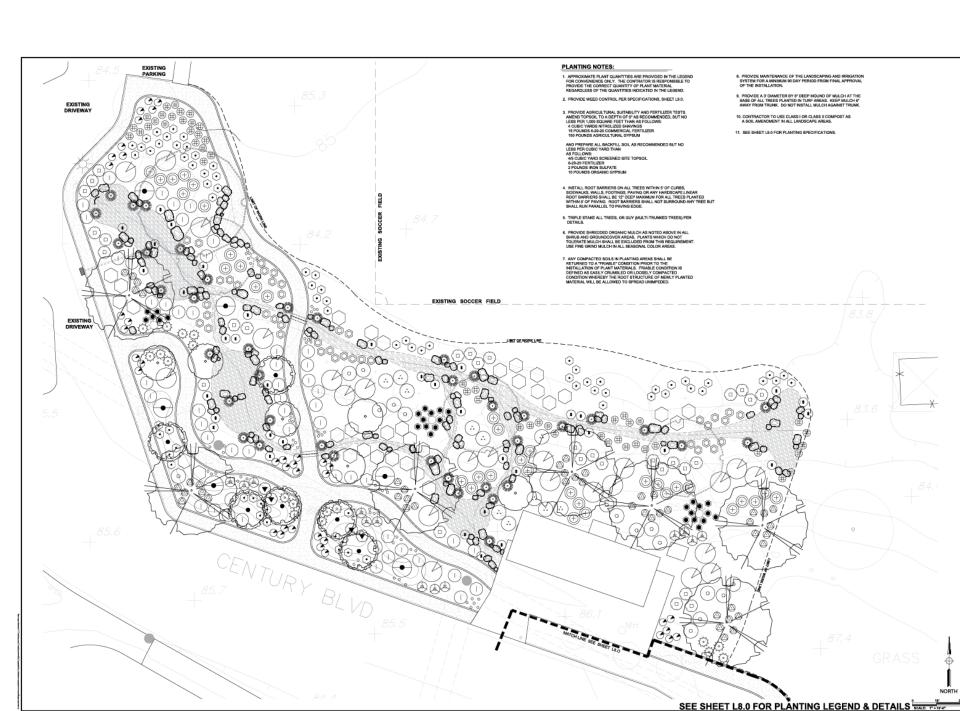






Native Plants at Hollydale Park





Hollydale Park Green Infrastructure 100 Decomposed Granite Pathwa Proposed Rain Infiltration Are Bioswales with decorative bou TO LA Bench seating and tables RIVER Trees/ Urban Forest BIKE Entrance to Green Infrastructi PATH Watershed Map Interpretive Signs Stormwater Infiltration Area **Butterfly Habitat Planting** Bridge SOCCER FIELD RETROFIT NEW DRIVEWAY WITH PERVIOUS PAVEMENT CENTURY BLVD EXISTING WATERWORKS AMIGOS DE LOS RIOS **EMERALD NECKLACE**







Hollydale Park Green Infrastructure Development "before"



























Examples of Bioswales and Native & Drought-Tolerant Plantings by Amigos de los Rios













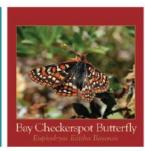




Hollydale Park Butterfly Species

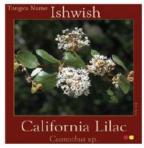




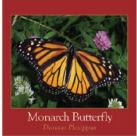




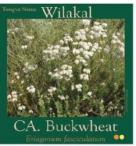


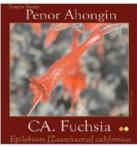


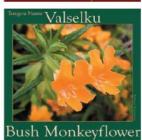






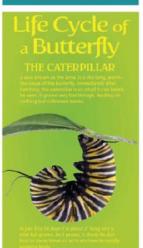




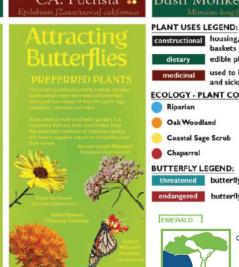














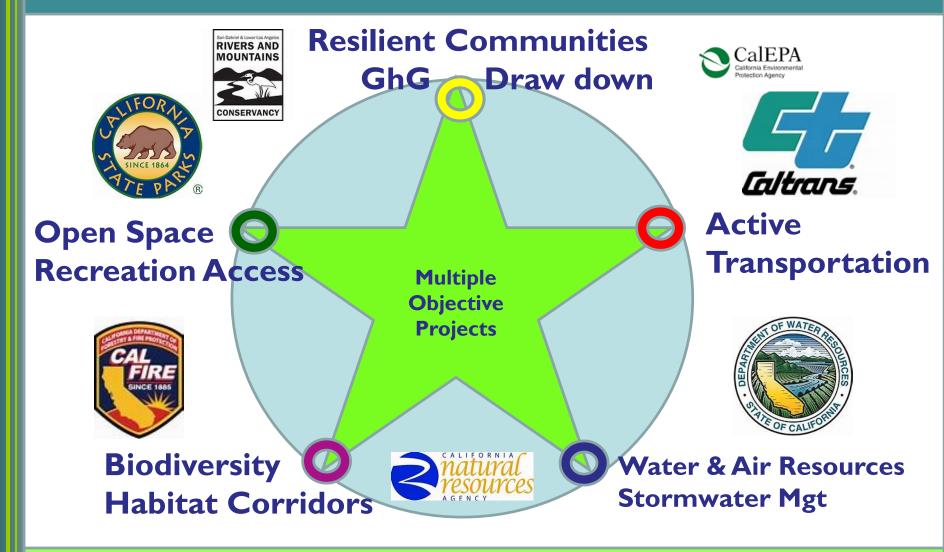
EMERALD NECKLACE

Hollydale Park Bird Species



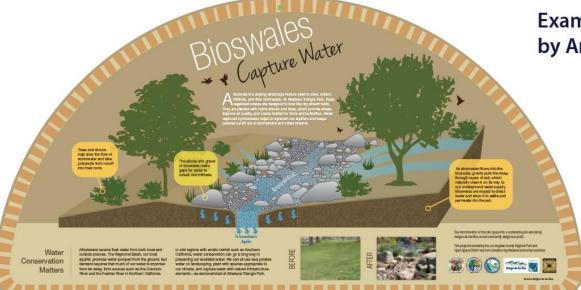


Convergent Infrastructure Planning



Multiple Objective Greenways





Examples of Interpretive Signage by Amigos de los Rios



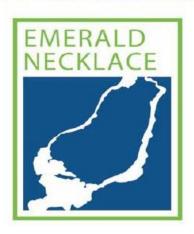




Overview: Green Infrastructure 38 Agencies Emerald Necklace Coalition –

East County

Coalition Members



Unincorporated Areas

Hacienda Heights Homeowners Assoc. Workman Mills Road Homeowners Assoc. Park El Monte Improvement Assoc.

Environmental Organizations

Charro Equestrian Joint Council Sierra Club

School Districts

Garvey School District
El Rancho Unified School District
Mountain View Unified School District
El Monte Union School District
El Monte City School District
West Covina Unified School District

Coalition Member Agencies

Azusa
Baldwin Park
Duarte
El Monte
Irwindale
Montebello
South El Monte
Whittier
Monrovia
La Puente
Bell
South Gate
San Gabriel
Downey

Gateway Authority

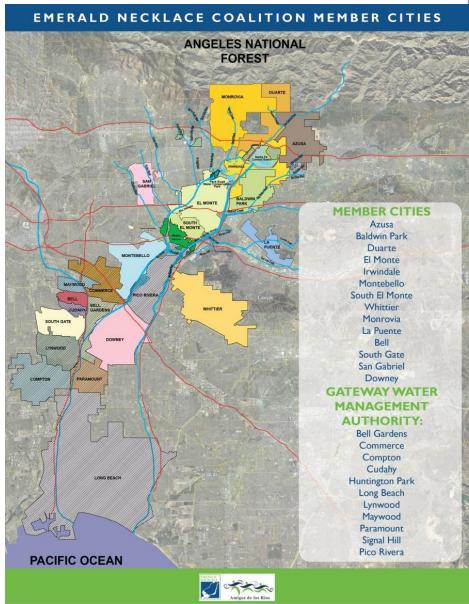
Bell Gardens
Commerce
Compton
Cudahy
Huntington Park
Long Beach
Lynwood
Maywood
Paramount
Signal Hill
Pico Rivera

County Agencies

Los Angeles County Board of Supervisors

State Agencies

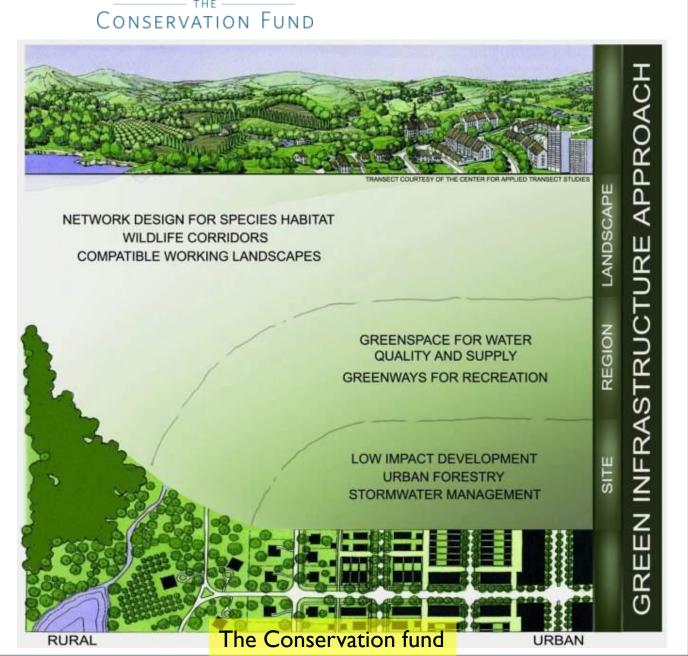
State Rivers and Mountains Conservancy



Green Infrastructure – Linking Megaregions & Landscapes

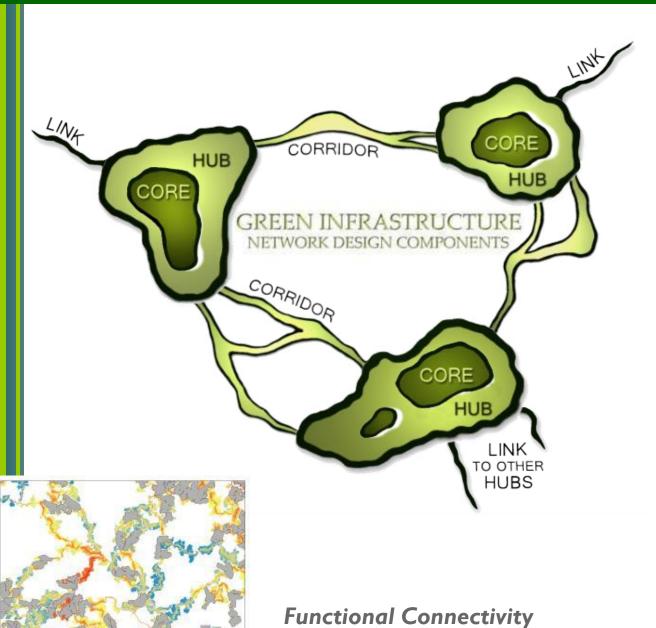
A strategically planned and managed network of natural lands, working landscapes, and other open spaces that conserves ecosystem values and functions and provides associated benefits to human populations

(Benedict & McMahon, 2006)



GI Network: Protect | Restore | Connect





Cores:

- Contain fully functional natural ecosystems
- Provide high-quality habitat for native plants and animals

Hubs:

 Slightly fragmented aggregations of core areas, plus contiguous natural cover

Corridors:

- Link core areas together
- Allow animal movement and seed and pollen transfer between core areas

Sites:

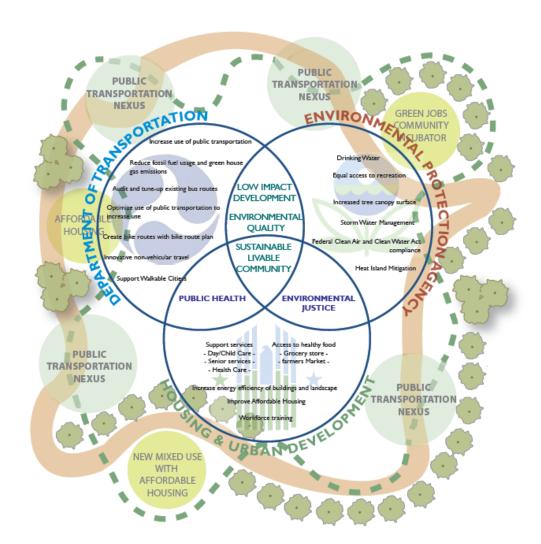
 Important microhabitats not captured by network thresholds and criteria

Evolution of our Metropolitan Regions

Morphogenesis

biological process that Causes organism to develop its shape.





communitas
environmental health = public health



GREEN AND GREY INFRASTRUCTURE MAP

This map depicts existing grey infrastructure that we propose be greened and utilized.

We propose to use the residual spaces underneath the utility lines to create greenways and natural areas. We can also improve the greening surrounding the freeways and public transit lines.

LEGEND

Emerald Necklace

Greenway along Rivers/Washes/

Creeks

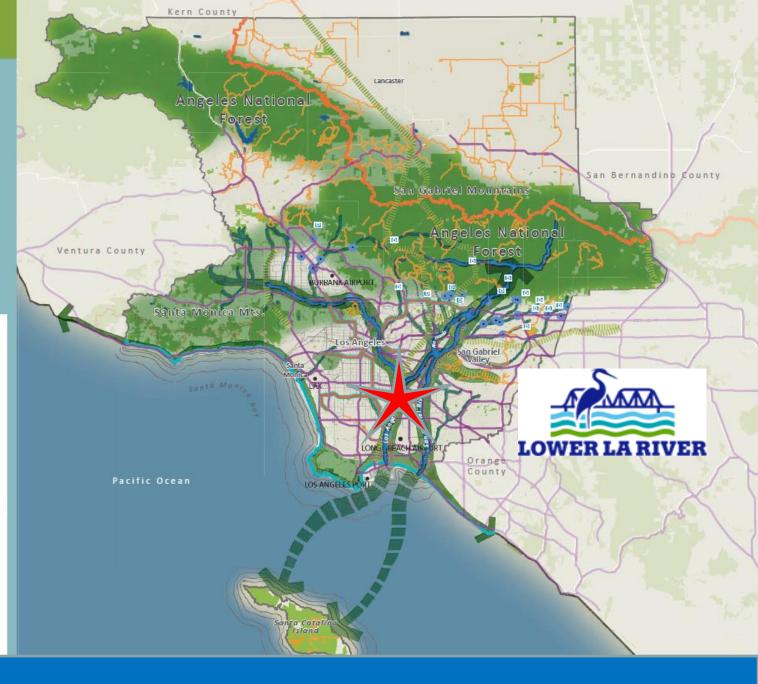
Greenways under utility lines

Improved greening within and adjacent to freeways

Improved greening along public transit

Spreading Basins

Dams







The green Collar

Environmental Certification Program

WORKING IN THE WATERSHED.



Apply through: Felicia Vann Recruitment and Training Los Angeles Conservation Corns 3655 South Grand Avenue, Suite 280 Los Angeles, CA 90007 Tel. 213.747.1872

Fill out an application and mail to

Amigos de los Rios Altadena CA 91001

Applications are available online at:

www.amigosdelosrios.org

Term Dates:

1st Term 11.1.2006 - 1.30.2007 2nd Term 3.12.2007 - 6.12.2007

* LIMITED AVAILABILITY

Information will be provided on continuing education and job opportunity in the environmental secto

Offers exposure to a broad spectrum of professions in the environmental sector TRAINING PROVIDED IN atershed Management **Urban Planning** Park Design

Public Art Park Construction Community Outreach Park Maintenance **Computer Training**



Corps Members who have built Lashbrook Park for the benefit of current and future generations:

Axire Country, exi-Advantagement of Withdrag Comprants Albert Olive Alsondry, Corora Alies Carsonnia. Alfindo Goldato Allegio Severali Andre De Li Chamme Anther Owns Antivia Antivirus

Anthres Carries Angel Dives-Androny Delgario-Anthony French I Arrest Taylor & Falls Plantons Misselvicon Terer Street Parking Carenza Green WHIP, Forest Cator Cacres

Chris Hamanishi Christan Flansi Chromov Pero Christina Chiese Christother Zanon Owner General Donal Lyyes Denai Pons Davies Makier

Clyrel Burchs

bete Sarette

Ers. Garreni Enths Water Folian Bolongo For positive Discouring Fernanda Rass Cary Souther: Geory Salver Calter Distre-Gardonic Offspore Curterno Losse PARAFAIT ROSS

Hiberto Bakins Jones Chare tones Mortines Jensey Maja Jones Guillanda toxics Walter process Jackess's Brooks Vept Imus Zucicamany Falland bed Bartist

Jane Salmon review forward ass Direct lotes (los paries Dell Light Jose Cytros WANTED TRAINING GHILL GATES IN. SAVOR PROGRAM. Sean Pleases

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Save Applier

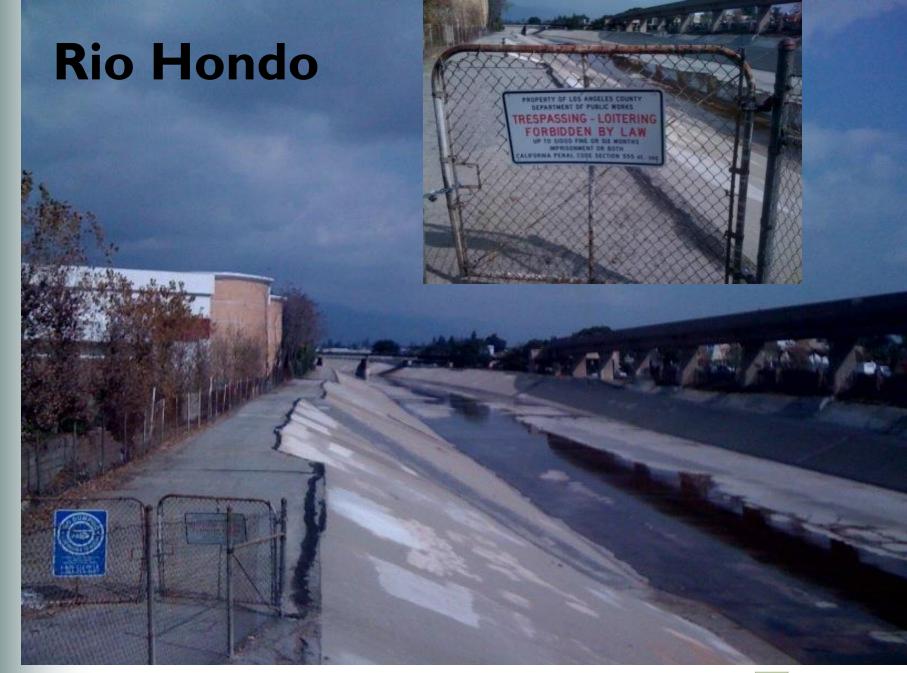
Baltismi Physicism

Region Roos Rational Physics. Radio Projekt II. Audiou State in REMARK EROPATOR Resident Charles Dévidor Datielle



Special House, Terror Sodimenti Thomas Parcola Timeday letew Ulisses Carlington Willfolia Strötgum



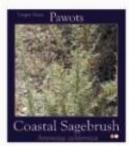


Rio Hondo Flood Control Channel

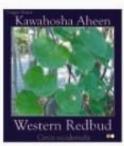
Native Plants at

LASHBROOK PARK



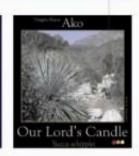


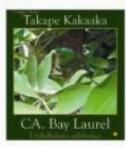


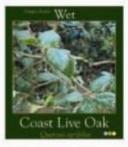




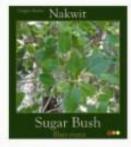






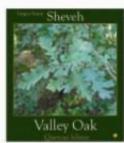


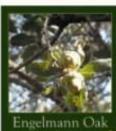


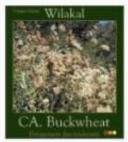


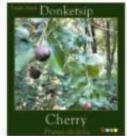


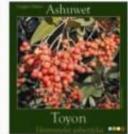






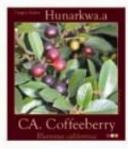




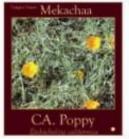


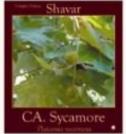


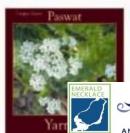










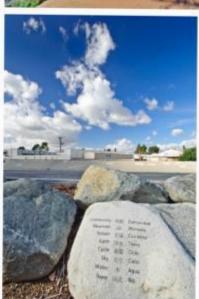


AMIGOS DE LOS RIOS - EMERALD NECKLACE GROUP

BEFORE























>lashbrook park



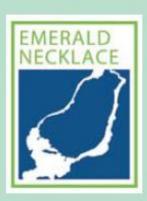




Emerald Necklace Green Infrastructure | Los Angeles County

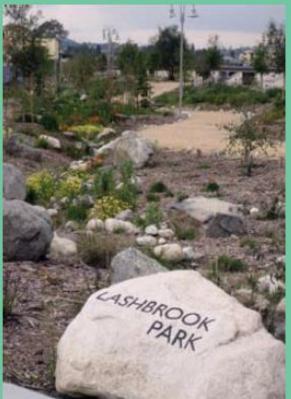
LASHBROOK PARK

-A RIVER TRAIL ENHANCEMENT, EL MONTE





www.amigosdelosrios.org | 908 E Altadena Dr | Altadena, CA 91001 | t: [626] 791.1611 | f: [626] 791.1771



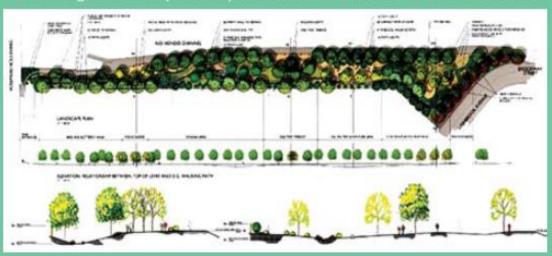
ACRES: 1.8

FUNDER: San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy,

Proposition A Supervisor Gloria Molina

DATE/COST: 2006 / \$370K

PROJECT TEAM: Amigos, Bob Perry, The City of El Monte and the SGVCC, LACC and CCC





AMIGOS DE LOS RIOS - EMERALD NECKLACE GROUP

BEFORE



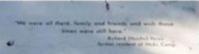










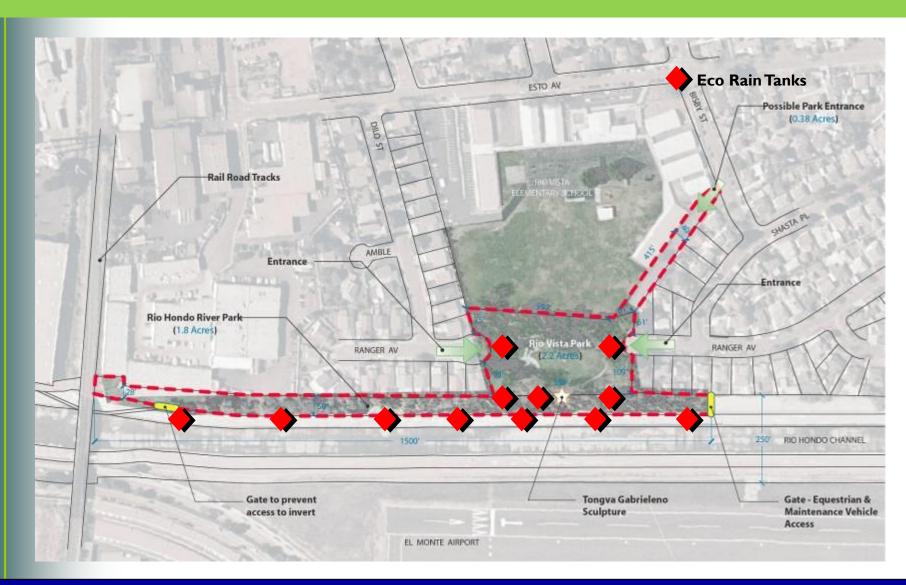






Rio Vista Park

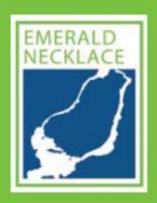




Emerald Necklace Green Infrastructure | Los Angeles County

RIO VISTA PARK & TRAIL

-A PARK RETROFIT, EL MONTE





www.amigosdelosrios.org|908 E Altadena Dr|Altadena,CA91001|t:[626]791.1611|f:[626]791.1771



ACRES: 4.2

FUNDER: San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, Proposition A Supervisor Gloria Molina, Land and Water Conservation Funds

Recreation Trail Grant and City of El Monte

DATE/COST: 2008 / \$2.3 million

PROJECT TEAM: Amigos with VCA Engineering, Bob Perry, Bret Goldstone and

Terra Form Constuction, SGVCC, LACC and CCC



>multi-benefit park

AMIGOS DE LOS RIOS - EMERALD NECKLACE GROUP

BEFORE





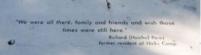














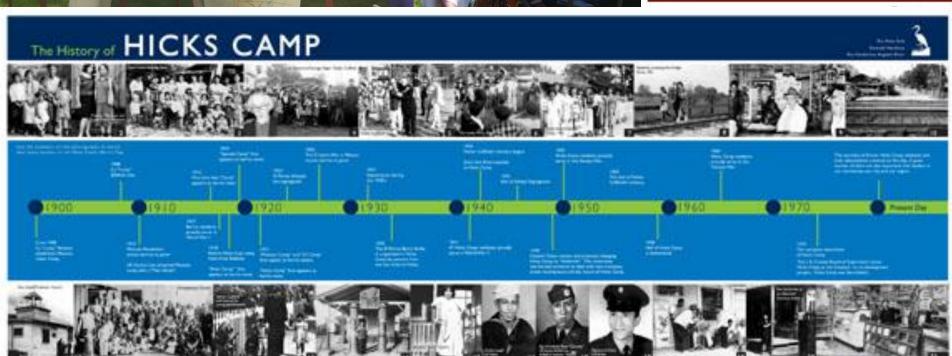




La Historia Society











regional signage system



Rio Vista Park Respect for Diversity Cultural Heritage



ACRES: 4.2

FUNDER: RMC, Prop A Gloria Molina, Land and Water Conservation Funds, Recreation Trails

Grant, City of El Monte

DATE COMPLETE: 2008

COST: \$2.3 Million

PROJECT TEAM: City of El Monte, Amigos de los Rios, VCA Engineering, Bob Perry, Bret

Goldstone, Terra Form Construction, SGVCC, LACC, CCC.



The Rio Hondo is a seasonal river and is especially powerful during periods of excessive rain. It is important to know that the Rio Hondo is also quite dangerous even when there is not much water in the channel. The smooth, trapezoidal shape of the channel forces the water to move with great force. As the sides and bottom of the channel are slippery, it is very difficult to escape the strong current of the river. Be cautious - the river has an awesome power at all water levels.

The Rio Hondo did not always look as it does today. Until the river was concreted in the 1950s, the Rio Hondo offered extensive areas to farm, walk, ride horses, play, and swim. The braided streams of the river meandered through the area, enriching the soil with rich sediment from the San Gabriel Mountains. Chan neling the river did prevent the area from flooding, but it also took away the valuable recreational space along the river banks. Rio Vista Park gives a piece of the Rio Hondo's original green space back to the communities and people of El Monte.





From top: El Monte youth using the Rio Hondo as a recreational space (0 La Historia Historical Society); view of the damage done to the bridge [anding to downtown El Monte after the flood of 1914 (0 El Monte Historical Society) Background image: 1941 aerial of the Rio Hondo's

Background image: 1941 serial of the Rio Hono braided streams (© UCLA Geography Archive)

The human body is made out of approximately 55% to 60% water, so make sure you drink plenty of water while on the trail.



Historic Photo of the Rio Hondo

© 2006 Amigos de los Rios

Gibson Mariposa Park Respect for Children's Vision





"For thousands of years, rivers of LA Basin held a perennial flow of clean water....

Restoration of rivers and their environs is central to deeper need: creation of a livable city in which all people can sustain families and pursue their dreams."

Paul Hawken, Founder of the Natural Capital Institute, author The Ecology of Commerce



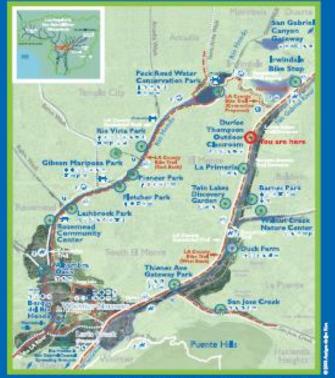


'Multi Benefit' Project Components

Amigos de Los Rios needs your help!

We have volunteer opportunities at various parks and sites along the Emerald Necklace. Be a part of making the Emerald Greenway a reality. This would be a great opportunity for families to get outside to do some good for the environment and their communities. If you have questions, we'd like to hear from you.





SAN GABRIEL RIVER



Sign up by contacting us by phone or email: 626.444.8665 volunteer@amigosdelosrios.org



Calcural Assessment

Marine Horse

Nature Center

GredokView

Recreation Const.

Salles Fee





El Collar Esmeralda

El Collar Esmeralda es una visión de una 17 milla cadena de interconectados senderos, parques y caminos verdes tocando a 17 ciudades y casi la mitad de un millón de residentes a lo largo de los Río Hondo y San Gabriel Ríos. La cadena de senderos va conectar 1,500 acres de parques, terrenos abiertos y corredores de hábitat, al mismo tiempo históricamente conectando los ríos de Río Hondo y San Gabriel. El multi-beneficial sistema de parques y senderos va ofrecer crítica oportunidades recreacional y fomentar la salud del público.

Proyecto Detalles: (A un vistazo)

Herencia de Naturaleza y Cultura: Con restauración de hábitat, el carácter original de la tierra y las comunidades del pasado regresan a vida. Las historias de los Latinos, los barrios y los Americanos Nativos están presentes. Esto ofrece a generaciones del pasado y futuro una vislumbre del pasado.

Oportunidades de Recreación y la Salud Publica: El collar Esmeralda ofrece muy importante y necesario oportunidades de recreación para residentes sufriendo de enfermedades crónicas como hipertensión, asma, diabetes y obesidad. También crea alternativas corredores de transportación con oportunidades para caminar y andar en bicicleta para trabajo o la escuela.

La Salud y Restauración del Medio Ambiente: La restauración del medio ambiente y la salud del medio ambiente van mano y mano. Limpiando áreas afectados con quemadura y haciendo restauración de hábitat ayuda a mejorar la salud de los ecosistemas biológicos interconectados.

Biodiversidad Urbana y Hábitat Restauración: Restauración de hábitat ofrece una plataforma para el desarrollo de Biodiversidad Urbana, reforzando el nativo flora y fauna.

Acceso a Naturaleza/Multi Modal Aprendiendo para Jóvenes Marginados: Escenas naturales forman lugares muy dinámicos donde podemos aprender y esto se ha conectado muy fuerte con mejor funcionamiento en la escuela. Salones de la escuela afuera crean una conexión dentro de los jóvenes de la a cuidad y la naturalaza.

Instrucción de Trabajo Para Jóvenes: El Amigos de los Ríos 'Green Jobs Corp' programa no solamente es para crear trabajos en una economía que lo necesita, pero también da a los jóvenes las habilidades y experiencia para entrar a los trabajos del nuevo y creciendo verde economía. Gestión de Recursos de Agua: El plantando de árboles a lo largo de la Collar Esmeralda ofrece un viable sistema de la gestión de tempestad agua—un árbol intercepta 3,000 galones de lluvia cada año. Adeis, los proyectos a lo largo de la Collar Esmeralda mejoran la calidad de agua, y también animan conservación por utilizando practicas sostenibles de panorama.





AMIGOS DE LOS RIOS - EMERALD NECKLACE GROUP



















































www.Antiposistorius.org or lask as up an Panthouk at Antipus de las Riss.













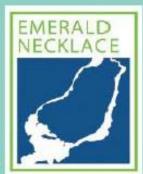






Emerald Necklace Green Infrastructure | Los Angeles County

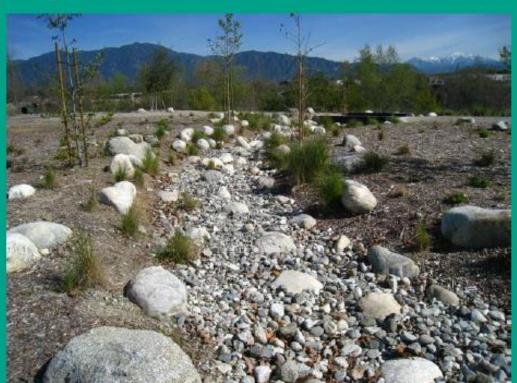
PECK RD. WATER CONSERVATION PARK



QUARRY REDEVELOPED



类 www.amigosdelosrios.org | 908 E Altadena Dr Altadena, CA 91001 | t: [626] 791.1611 | f: [626] 791.1771



- Created 540 linear foot bioswale
- Created 350 linear foot decomposed granite trail
- Removed subterranean concrete from former quarry
- Total trees planted to date 240
- Total shrubs planted to date 1,611
- Total trees planted to date 8,712

>phase I completed







EMERALD NECKLACE STEWARDSHIP



EMERALD

NECKLACE



NATIVE PLANT CARE EVENTS AT SCHOOLS & PARKS!



We will be caring for native plant & habitat restoration areas and for park amenities & interpretive signage. We will supply the materials, work gloves & tools.

ALL YOU NEED TO BRING IS ELBOW GREASE!

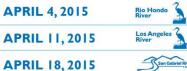
SUPPORT THE EMERALD NECKLACE!





N W O











3300 Gilman Rd. El Monte, CA 91732



5401 N. Peck Rd. Arcadia, CA 91006 La Primaria Elementary 4220 Gilman Rd. El Monte, CA 91732



City Terrace Park 1126 N Hazard Ave, Los Angeles, CA 90063



4275 Ranger Ave, El Monte, CA 91731



Salazar Park 3864 Whittier Blvd, Los Angeles, CA 90023



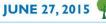
Peck Water Conservation Park 5401 N. Peck Rd. Arcadia, CA 91006



Salazar Park - Ribbon Cutting/Work Day 3864 Whittier Blvd, Los Angeles, CA 90023



City Terrace Park - Ribbon Cutting/Work Day 1126 N Hazard Ave, Los Angeles, CA 90063



APRIL 25, 2015

MAY 2, 2015

MAY 9, 2015

MAY 23, 2015

MAY 30 2015

JUNE 20, 2015



Madrid Middle School





= Tree Planting





Together we can make a difference We look forward to seeing you there! Please spread the word!

















SIGN UP to RSVP, receive updates and additional volunteer days by e-mailing: volunteer@amigosdelosrios.org or visit us at www.amigosdelosrios.org











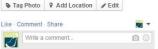


I Naturalist Project for Each





A California Conservation Corps member helps us pull bullfrogs out of the water at Peck Water Conservation Park. Bullfrogs are an invasive species in Southern California and cause ecological harm For more info click here http://bit. ly/1zDEjVM

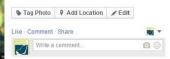




Emerald Necklace Group - Amigos De

Posted by Claire Robinson [?] May 5, 2014 · 🕅

Bell's Vireo (Endangered species) at Peck Road Water Conservation Park.





Emerald Necklace Group - Amigos De

Posted by Claire Robinson [?] June 2, 2014 · Edited · €

Many thanks to Boy Scouts of America for inviting us to their expo at Rosebowl.



FACEBOOK





Emerald Necklace Group - Amigos De

Posted by Claire Robinson [?] May 29, 2014 · @

Playing on the trout - at Maywood Riverfront Park



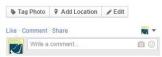




Emerald Necklace Group - Amigos De

Posted by Marian Coensgen [?] October 6, 2014 - Edited - 🕅

Dragonflies eat mosquito. Show them some love! - at Peck Road Water Conservation Park.







Emerald Necklace Group - Amigos De

Posted by Marian Coensgen [?] August 23, 2014 · Edited · @

#natureisforeveryone - at Peck Road Water Conservation Park.



Like - Comment - Share



Lower Los Angeles River Implementation Advisory Group

Project Information Packet

The Lower LA River Implementation Advisory Group (IAG) aims to ensure that subsequently implemented projects are carried out in accordance with the Lower LA River Revitalization Plan and that stakeholders continue to have a voice in implementation. In its role as an advisory body, the IAG will provide guidance on proposed projects, but ultimately, individual entities with jurisdiction along the river corridor including the LA County Flood Control District, the US Army Corps of Engineers, and the cities will continue having decision-making authority.

Project Name	Julia Russ Asmus Park Storm Wa	ter Infiltration and Re	storation Project		
Project Location	8321 Jaboneria Rd, Bell Ga	rdens, CA 90201	_		
Current Project Phase	General project concept with no professional design work				
Project Proponent	City of Bell Gardens - Public	: Works Departme	nt		
Mailing Address	8327 Garfield Ave, Bell Gardens, CA 90201				
Contact Person	Chau Vu	Department/Title	Public Works Director		
Email	cvu@bellgardens.org	Phone	(562) 334-1790		

Project Description (Attach map / site layout / concept sketch):

Julia Russ Asmus Park is located next to a Los Angeles County Flood District channel with a floodgate in the park. When the channel becomes full, it causes major flooding that overflows onto Shull Street and the neighboring residential community, rendering the park unusable and making nearby streets impassable. There is a single catch basin on Shull Street that cannot support the capacity of the street runoff when the channel is full. This project will install ten (10) infiltration wells and one (1) pre-treatment unit to alleviate the flooding. It will have the capacity to retain up to 80,000 gallons of water while infiltrating a flow of 2.5 cubic feet per second into the ground. The project will prevent future flood damage to the neighborhood and will keep the water onsite where the infiltration into the ground will naturally remove pollutants from the storm water, recharge groundwater supplies, and alleviate pressure placed on the regional flood control system that leads to the nearby Los Angeles River.

To increase community activity, an interactive garden will be included so children can take an active role in learning about the personal and societal benefits of reusing storm water and the importance of native flora as habitat.

References / Letters of Support (If available, list and attach):

Bell Gardens Police Department; SCAG; US Congressmember; State Assemblymember; and State Senator

1

Revised: 2019-02-26

Project Discussion

The intent of the project packet is to help the proposed project remain consistent with the Lower Los Angeles River Revitalization Plan (LLARRP) and identify are of potential need where the committees and the Implementation Advisory Group (IAG) can be a resource to aid in finding funding, project partners, innovation, etc. Please answer the following questions as completely as possible given the stage of the project.

	PREWIC	PPC	PACEC	Question	Yes	No	
General				1. Is the project consistent with the Lower Los Angeles River Revitalization Plan (LLARRP)?			
Ğ				Explain: Manage flood risk, enhance vibrant public spaces, promote physical activity			
				2. Does the project improve the overall water quality of the Los Angeles River?	Х	Х	
ter		Explain: Infiltration wells, ground water storage					
Water				3. Does the project implement stormwater capture, water conservation practices, and/or other methodologies?	Х		
				Explain: Infiltration wells retain 80,000 gallons of storm water into the ground			
				4. What environmental documentation (CEQA, NEPA, etc.) will be required or has been completed for the project?	X		
4				Explain: CEQA will be required, categorical exemption - existing facilities.			
Environment				5. Are there any activities associated with the project that could impact the environment such as trash, pet waste, or chemicals?		Х	
vir				Explain:			
ш				6. Will the project reduce or mitigate GHG emissions, improve air quality, and/or improve water quality?	Х		
				Explain: Filter storm water and recharge ground water storage.			
Infrastructure				7. Will the project modify existing infrastructure such as flood control channels, open space, utility corridors, ROW land use, and transportation corridors?	X		
Infr				Explain: Modify open space - wells will be placed where there is currently grass.			
-x E				8. Does the project create habitat or improve ecosystem health within the watershed?		Х	
at & ster				Explain:		, ,	
Habitat & Ecosystem				9. Is there native Los Angeles River riparian/wetland vegetation planned for the project?		Х	
				Explain:			
Multi- Benefit				10. Does the project expand existing or create new multi-benefit opportunities?			
				Explain: New interactive garden for children.			

	PREWIC	PPC	PACEC	Question	Yes	No	
				 11. Is there potential funding the project proponent is seeking for the project? Explain: RMC Prop 1 and Prop 68 funds. 12. Are there any funding gaps identified in the project? 			
Funding						Х	
Œ	표			Explain:			
				13. Are there any identified partnerships?	Χ		
		Explain: California Conservation Corps, Los Angeles Conservation Corps					
				14. Are there plans for addressing safety and security within the project limits?	Χ		
				Explain: Update lighting for added safety.			
Policy				15. Is the project identified in any existing plans/policies (federal, state, local)?		Х	
۵				Explain: Asmus Park is connected to Shull Park project identified in LLARRP			
		16. Has the city in which the project will be located adopted any of the policies described in the Community Stabilization Toolkit?		Χ			
				Explain: Workforce development			
				17. Is there a group the project intends to serve (e.g., residents, youth, pedestrians, cyclists, artists, equestrians, bird watchers)?	Χ		
				Explain: Residents, youth, pedestrians, and bicyclists.			
				18. Is the project in a disadvantaged community?			
lity				71% living below twice the federal poverty level; 99th percentile Explain: pollution burden; median household income is 57% of State's	Х		
Equity					19. Will the project create any potential negative impacts on the local community?		Х
				Explain: It will create positive impacts, alleviate flooding, improve park condit	ions		
				20. Does the project address the concerns of equity, displacement, and environmental justice? Flooding prevents residents from driving to work, etc. Explain: Project will grant residents the ability to stay.	X		
÷.				21. Has the project been engaging the community in its development process?		Х	
ner		Explain: Residents ex		Explain: Residents expressed concerns, City is attempting to resolve the issue	ıe	- `	
Community Engagement			22. Has the project consulted with the Native nations it intends to build		Х		
_ ₹ _				Explain: N/A			
imuni	23. Are there future plans for community engagement? Explain: Public awareness meetings: educational outreach events		Χ				
Jon	Explain: Public awareness meetings; educational outreach events 24. Has the project received feedback?						
J			· ·		Χ		
				Explain:			

Building Blocks

The LLARRP developed a vast array of Building Blocks – modular concepts and strategies – that can be assembled in a variety of ways to develop specific projects, policies, and programs. Please indicate the Building Blocks that the proposed project intends to use.

Applied	Building Block	Applied	Building Block
X	Active space		Leverage pump stations to convey stormwater
Λ	Additional permanent homeless shelters	Χ	Lighting
	Bike hubs		Loop and spur trails
X	Bioswales	Χ	Low income access
	Boardwalks and overlooks		Low water crossings
	Brownfields remediation		Low-flow channel modifications
	Climbing wall		Multi-use publicly-owned properties
	Commercial zone access		Onsite water recycling
X	Community garden	Χ	Open space access
	Community gateway		Overcrossing
Χ	Continuous park space		Oyster bed restoration
	Curb cuts/street eddy basins	Χ	Passive space
	Destination stops	Х	Pedestrian and cyclist access
	Diversion to sanitary sewer		Permeable paving
Χ	Drinking fountains		Plazas
	Dry wells		Pop-up parks
	Elevated paths		Property acquisition
	Equestrian trails		Public art and murals
	Floodplain expansion		Recreation center
Χ	Green infrastructure		Regional gateway
	Habitat area		Shade (veg. or structural)
X	Historical, cultural, environmental education/assets/signage		Transit-oriented development
	Homeless space sharing		Tunnels
X	Infiltration basins and trenches		Undercrossing
	In-river access and safety	Χ	Water capture and onsite storage
	Leverage planned regional water recycling projects		Water recreation
	or Loc Angoloc Pivor Povitalization Plan Volume II		2 10 Table 1 2 1

Source: Lower Los Angeles River Revitalization Plan, Volume II, p. 1.3-16 – 1.3-19, Table 1.3-1.



Project background

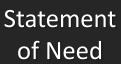
- Julia Russ Asmus Park is located in the City of Bell Gardens
- Adjacent to the 710 Freeway
- Residential communities surround the Park
- LACFCD channel runs along northern boarder of the Park
- Major flooding occurs when the channel becomes full

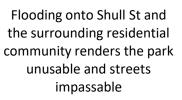


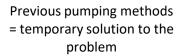






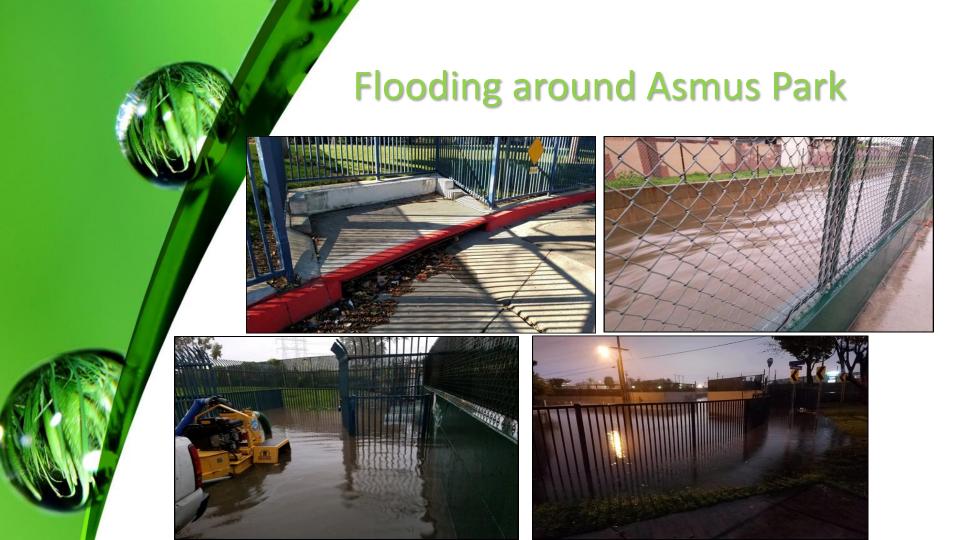




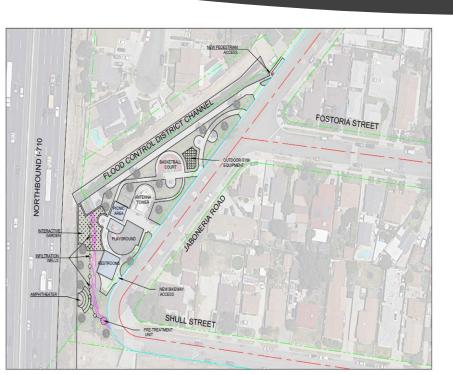


The Park hasn't been upgraded in over 20 years





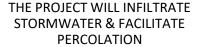
Project Description



This project will install infiltration wells to alleviate flooding; incorporate natural and educational elements to emphasize the park's role as an outdoor classroom for nearby Bell Gardens Elementary School; provide habitat for native flora and fauna; and also make safety improvements throughout the park.

Stormwater Treatment and Infiltration







THE CITY INTENDS TO INSTALL 10 INFILTRATION WELLS AND 1 PRE-TREATMENT UNIT ALONG THE WEST SIDE OF THE PARK



WELL CAPACITY UP TO 80,000 GALLONS



INFILTRATING 2.5 CUBIC FEET/SECOND

Treatment and Infiltration Benefits



- Preventing future flood damage
- Infiltration will naturally remove pollutants from stormwater
- Recharge groundwater supplies
- Reduce water demand by improving conservation and water use efficiency
- Alleviate pressure on the regional flood control system that leads to the LA River

Project benefits continued



Partnership with Bell Gardens Elementary School



Informational signage that educates students & community about the role of stormwater and the natural & cultural history



Improved community activity through improved park safety



Community Outreach

- Collaboration with a variety of community partners including a longstanding partnership with the Bell Gardens School District
- The City's Recreation and Community Services will host informative meetings regarding the project
- Support of agencies such as: gateway Cities, Senator Ricardo Lara, Assembly Member Cristina Garcia, Supervisor Hilda Solis, and the City's Police Department

In Closing

The Julia Russ Asmus
Park project will
directly benefit a
disadvantaged
community with
limited open space and
a highly urbanized
environment.



This project will ensure the community's children and families are empowered to play a role in creating a healthful environment.



This project will encourage sustainable growth that balances environmental, social and economic benefits through water sustainability and upholding a prominent open space for the community.



This project is multibeneficial, implementing flood management practices and increasing storm water capture to recharge the groundwater basin while expanding access to a park that hosts several activities for residents of all ages.



Lower Los Angeles River Implementation Advisory Group

Project Information Packet

The Lower LA River Implementation Advisory Group (IAG) aims to ensure that subsequently implemented projects are carried out in accordance with the Lower LA River Revitalization Plan and that stakeholders continue to have a voice in implementation. In its role as an advisory body, the IAG will provide guidance on proposed projects, but ultimately, individual entities with jurisdiction along the river corridor including the LA County Flood Control District, the US Army Corps of Engineers, and the cities will continue having decision-making authority.

Project Name	Power Walking Among Power Lines
Project Location	City of Vernon
Current Project Phase	Conceptual
Project Proponent	Gateway Water Management Authority
Mailing Address	16401 Paramount Boulevard
	Paramount, CA 90723
Contact Person	Grace Kast Department/Title GWMA / Executive Officer
Email	gracekast.gateway@gmail.com Phone (562) 663-6850

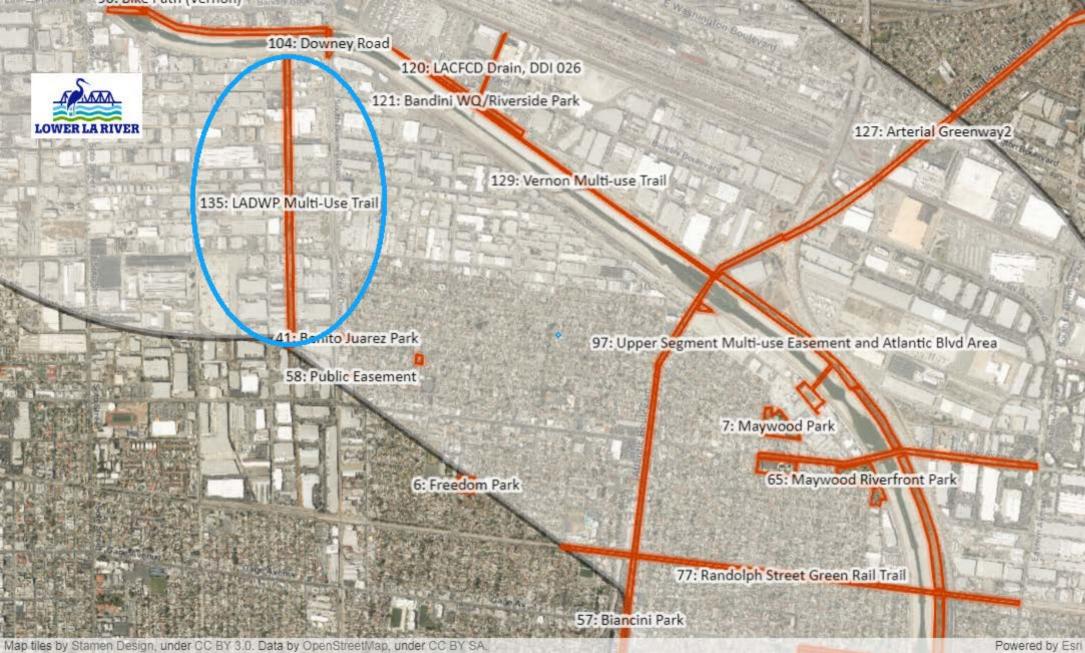
Project Description (Attach map / site layout / concept sketch):

The proposed project is intended to provide passive recreational opportunities including pedestrian activities, alternative transportation, picnicking, and native habitat observation. During weekday business hours, primary users are expected to be manufacturing and office workers on break and lunch hour. Residents of adjacent park poor areas of the Cities of Maywood and Huntington Park are expected to frequent the park during evenings and weekends. In conjunction with the proposed Riverside Bike Trail and Randolph Street Rail to Green Trail Project, the combined project would result in ten kilometer loop that could support marathons. Cyclists utilizing the riverside bike path could utilize the park area for respite or to access food vendors and stores. Residents with access to the Metro Blue or proposed West Santa Ana Branch lines could access the proposed recreational area and completed loop trails or use the proposed Lower LAR Projects to access the River and other recreational opportunities. Portions of the easement are suitable for upland native habitat development or a pump station could be utilized to divert highly treated effluent or reclaimed water to provide areas of wetland or riparian habitat (assuming authorization by the City of Los Angeles Department of Water and Power, which is a significant planning and design alternative at this step in the design process). The project was initially conceived to capture and infiltrate approximately one thousand acre feet of industrial storm water runoff per year and the portion of the project nearest the Metro and Randolph Street alignment supports percolation rates of 1.7" per hour, with higher rates likely to be present closer to the Los Angeles River.

References / Letters of Support (If available, list and attach):

Through submittal of the Los Angeles River Upper Reach 2 Watershed Management Area (LAR UR2 WMA) Watershed Management Program (WMP) Plan, the partnering Cities of Bell, Bell Gardens, Commerce, Cudahy, Huntington Park, and Maywood have implicitly supported the concept of this project and committed to provide matching support to assist in its implementation.

1



16401 Paramount Boulevard Paramount, CA 90723 562.663.6850 phone 562-634-8216 fax



Los Angeles Gateway Region Integrated Regional Water Management Joint Powers Authority

October 12, 2018

Mr. Mark Stanley Rivers and Mountains Conservancy 100 N. Old San Gabriel Canyon Road Azusa, CA 91702

Dear Mr. Stanley,

Subject:

Support for the Los Angeles River Upper Reach 2 Watershed Management Area Transmission Line Easement Infiltration Basin, in the City of Vernon, Planning Project Application to the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC) Proposition 1 Lower Los Angeles River Grant Program

As the Executive Officer of the Gateway Water Management Authority (GWMA), the State-recognized agency for integrated water resources management in the Gateway Region, we are excited to support the Transmission Line Easement Infiltration Basin, in the City of Vernon, Planning Project application for funding from the Proposition 1 Lower Los Angeles River Grant Program through the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC).

As you know, the GWMA has been an active leader in developing multi-benefit projects throughout the Gateway Region, with a focus on watershed and recreational improvements in disadvantaged communities. We are strong proponents We are strong proponents of projects that combine open space and park improvements with water conservation, stormwater runoff quality improvements, social and health benefits, and restore native habitat to support recreation and wildlife adjacent to our riparian corridors.

The Transmission Line Easement Infiltration Basin Planning Project, in the City of Vernon, would further conceptualize how to best divert polluted stormwater runoff, generated within tributary urban areas, from entering the Los Angeles River by encouraging infiltration and groundwater recharge within the Central Basin Municipal Water District region. The ultimate objective being the establishment of new habitat and passive recreational areas in the open, and often blighted

areas adjacent to the transmission towers, to provide a wonderful enhancement to the quality of life for several of our economically and socially disadvantaged communities.

We believe the Transmission Line Easement Infiltration Basin Planning Project, in the City of Vernon, is most worthy of Proposition 1 Lower Los Angeles River Grant Program Funding due to its proposed objective of providing new watershed-appropriate native landscaping to support wildlife habitat and mitigate adverse environmental effects within the project area. Given the limited availability of open space and the continued need to use alternative sources of water it is my sincere hope that the RMC will consider funding this worthwhile project.

If you have any questions, please contact me at (626) 485-0338 or, Daniel Wall, City of Vernon Director of Public Works at (323) 583-8811 extension 305, dwall@ci.vernon.ca.us, or Kekoa Anderson at (949) 887-0731, Kekoa@KoaConsulting.net.

Sincerely,

Grace J. Kast

Executive Officer

Gateway Water Management Authority

Green Vernon Commission Agenda Item Report

Agenda Item No. COV-93-2019 Submitted by: Diana Figueroa Submitting Department: City Administration Meeting Date: March 20, 2019

SUBJECT

Los Angeles River Path Project Presentation By: Metro Representatives

Recommendation:

A. No action required by the Commission. This is a presentation only.

Background:

The LA River Path Project is a proposed eight-mile, shared-use bicycle and pedestrian path extension between Elysian Valley through Downtown Los Angeles to the City of Vernon, closing the longest remaining continuous gap in the Los Angeles River Bike Path. Metro, along with a number of local and regional organizations, has identified closing the gap in the Los Angeles River Bike Path between Elysian Valley and Vernon as a high priority walking and biking infrastructure project. When complete, this facility will provide a seamless 32-mile grade-separated regional corridor for walking and bicycling through the heart of Los Angeles County, connecting Long Beach to the San Fernando Valley along the River.

In September 2016, Metro completed a Feasibility Study on the project. The study consisted of conducting an inventory of the project area, including real estate and right-of-way ownership; conceptual engineering analyses of alternative alignments; hydraulic analysis of the most constraining alternative; and detailed study of the surrounding neighborhoods and the infrastructure for walking and bicycling in and through them. The study assumed a path along the west bank of the river, consistent with the existing paths at the project's northern and southern termini. The study demonstrates that although technical challenges and physical constraints exist, closing the 8-mile gap is feasible through various engineering solutions.

Metro is currently in the Conceptual Design phase of the project development and has been gathering additional information about existing conditions, engaging the public and stakeholders, and is beginning to identify potential design alternatives. Metro has hosted numerous community based meetings and is currently conducting an online survey to gather more public input on the project. In the next project phase, Metro will work to environmentally clear and fulfill all permitting requirements for this project under the National Environmental Protection Act (NEPA), the California Environmental Quality Act (CEQA) and the US Army Corps of Engineers (USACE). Public outreach and community engagement will continue throughout this phase of the project.

Fiscal Impact:

None.

ATTACHMENTS

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Project Discussion

The intent of the project packet is to help the proposed project remain consistent with the Lower Los Angeles River Revitalization Plan (LLARRP) and identify are of potential need where the committees and the Implementation Advisory Group (IAG) can be a resource to aid in finding funding, project partners, innovation, etc. Please answer the following questions as completely as possible given the stage of the project.

	PREWIC	PPC	PACEC	Question	Yes	No
General				1. Is the project consistent with the Lower Los Angeles River Revitalization Plan (LLARRP)?	√	
ğ				Explain: Project #135 LADWP Multi-Use Trail & #77 Randolph Street Rail to	Gree	n Trail.
				2. Does the project improve the overall water quality of the Los Angeles River?	√	
ter				Explain: Diverts 1,000 acre industrial catchment from Los Angeles R	ver.	
Water				3. Does the project implement stormwater capture, water conservation practices, and/or other methodologies?	√	
				Explain:Captures industrial and storm runoff for infiltration and groundwater	recha	ge.
				4. What environmental documentation (CEQA, NEPA, etc.) will be required or has been completed for the project?	√	
4				Explain: CEQA Mitigated Negative Declaration included as part of cu	rrent (Grant.
Environment				5. Are there any activities associated with the project that could impact the environment such as trash, pet waste, or chemicals?		√
virc				Explain: Project anticipates frequent maintenance to control trash and pet w	astes.	
Ш				6. Will the project reduce or mitigate GHG emissions, improve air quality, and/or improve water quality?	√	
				Explain: Project improves water quality and vegetation should mitigate GHG	emiss	ions.
Infrastructure				7. Will the project modify existing infrastructure such as flood control channels, open space, utility corridors, ROW land use, and transportation corridors?	√	
Infr				Explain: Project improves existing utility corridor and provides transportation	linka	jes.
ے ہے۔				8. Does the project create habitat or improve ecosystem health within the watershed?	√	
at 8 ster				Explain: Yes, the project anticipates including areas mixed landscaping & na	tive h	abitat.
Habitat & Ecosystem				9. Is there native Los Angeles River riparian/wetland vegetation planned for the project?	√	
				Explain: The area is more appropriate for upland, rather than wetland/riparia	ın, hat	itat.
Multi- Benefit				10. Does the project expand existing or create new multi-benefit opportunities?	√	
B ≥				Explain: The proposed project creates new water quality, habitat, and recreate	ational	uses.

	PREWIC	PPC	PACEC	Question	Yes	No
				11. Is there potential funding the project proponent is seeking for the project?	√	
				Explain: LAR UR2 WMA typically shares matching fund support for WMP re-	gional	BMPs.
Funding				12. Are there any funding gaps identified in the project?		✓
Ful				Explain: Not for design phase. Construction phase will need additional assistance.	stance	
				13. Are there any identified partnerships?	√	
				Explain: The LAR Upper Reach 2 Watershed Management Area assists with	matc	h funds
				14. Are there plans for addressing safety and security within the project limits?	√	
				Explain: The project is within the jurisdiction of the City of Vernon Police Dep	artme	nt.
Policy				15. Is the project identified in any existing plans/policies (federal, state, local)?	√	
PC				Explain: Yes, Los Angeles River Upper Reach 2 Watershed Management Program	(WMP)	Plan.
				16. Has the city in which the project will be located adopted any of the policies described in the <u>Community Stabilization Toolkit</u> ?	√	
				Explain: City of Vernon has both a Sustainability Action Plan and Green Co	mmiss	ion.
				17. Is there a group the project intends to serve (e.g., residents, youth, pedestrians, cyclists, artists, equestrians, bird watchers)?	√	
				Explain: Primarily worker and resident pedestrians and cyclists, with potentia	al artis	s.
				18. Is the project in a disadvantaged community?	√	
lity				Explain: Adjacent areas of the Cities of Huntington Park and Maywood are	DACs.	
Equity				19. Will the project create any potential negative impacts on the local community?	√	
				Explain: Loss of private parking in some easement areas may be an impact	t.	
				20. Does the project address the concerns of equity, displacement, and environmental justice?	√	
				Explain: The project provides new green and recreational space in under se	rved a	reas.
±				21. Has the project been engaging the community in its development process?		✓
mer				Explain: Community outreach will expand after DWP authorization of design	conc	ept.
Community Engagement				22. Has the project consulted with the Native nations it intends to build land on?		√
iţ				Explain: Native Nations outreach is proposed during CEQA review process		
unu		23. Are there future plans for community engagement?		V		
mu				Explain: Yes, through the Vernon Green Commission and neighboring outro	each e	fforts.
Ö				24. Has the project received feedback?	V	
				Explain: The Los Angeles Regional Water Quality Control Board approved of	f WMF	Plan.

Building Blocks

The LLARRP developed a vast array of Building Blocks – modular concepts and strategies – that can be assembled in a variety of ways to develop specific projects, policies, and programs. Please indicate the Building Blocks that the proposed project intends to use.

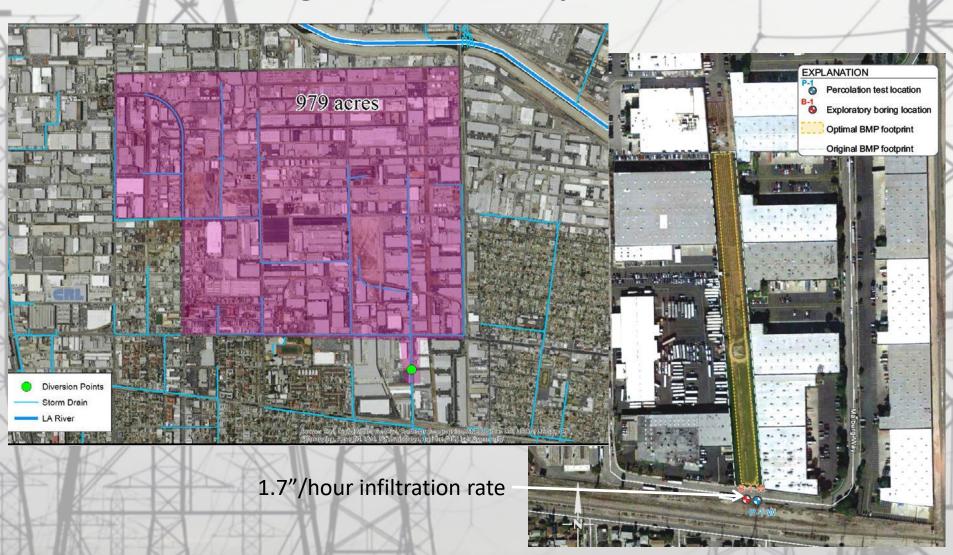
Applied	Building Block	Applied	Building Block
√	Active space		Leverage pump stations to convey stormwater
	Additional permanent homeless shelters	√	Lighting
√	Bike hubs	V	Loop and spur trails
-	Bioswales	V	Low income access
	Boardwalks and overlooks	·	Low water crossings
/	Brownfields remediation		Low-flow channel modifications
	Climbing wall	√	Multi-use publicly-owned properties
	Commercial zone access		Onsite water recycling
	Community garden	V	Open space access
-	Community gateway		Overcrossing
/	Continuous park space		Oyster bed restoration
-	Curb cuts/street eddy basins	/	Passive space
-	Destination stops	V	Pedestrian and cyclist access
	Diversion to sanitary sewer	V	Permeable paving
-	Drinking fountains	\	Plazas
	Dry wells		Pop-up parks
	Elevated paths		Property acquisition
-	Equestrian trails	√	Public art and murals
_	Floodplain expansion		Recreation center
-	Green infrastructure	-	Regional gateway
V	Habitat area	-	Shade (veg. or structural)
√	Historical, cultural, environmental education/assets/signage	√	Transit-oriented development
	Homeless space sharing		Tunnels
V	Infiltration basins and trenches		Undercrossing
	In-river access and safety	V	Water capture and onsite storage
	Leverage planned regional water recycling projects		Water recreation

Source: Lower Los Angeles River Revitalization Plan, Volume II, p. 1.3-16 – 1.3-19, Table 1.3-1.





LAR UR2 WMA Watershed Management Program (WMP) Regional BMP Project Catchment

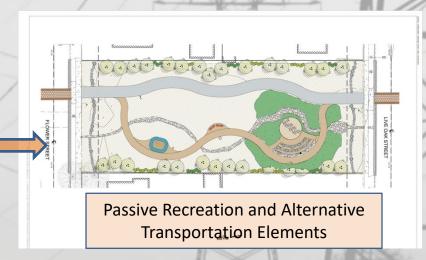


Project Area and Conceptual Product

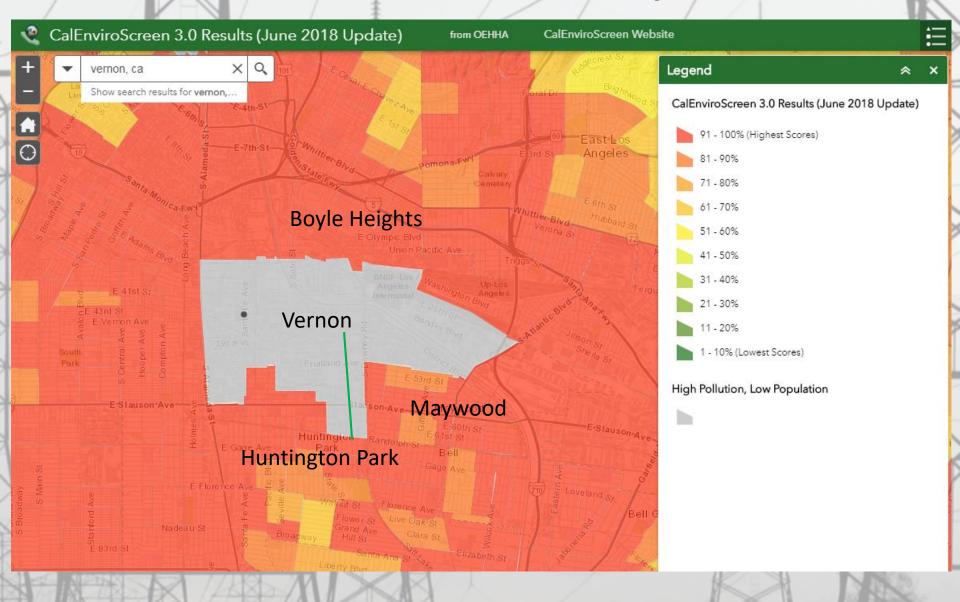


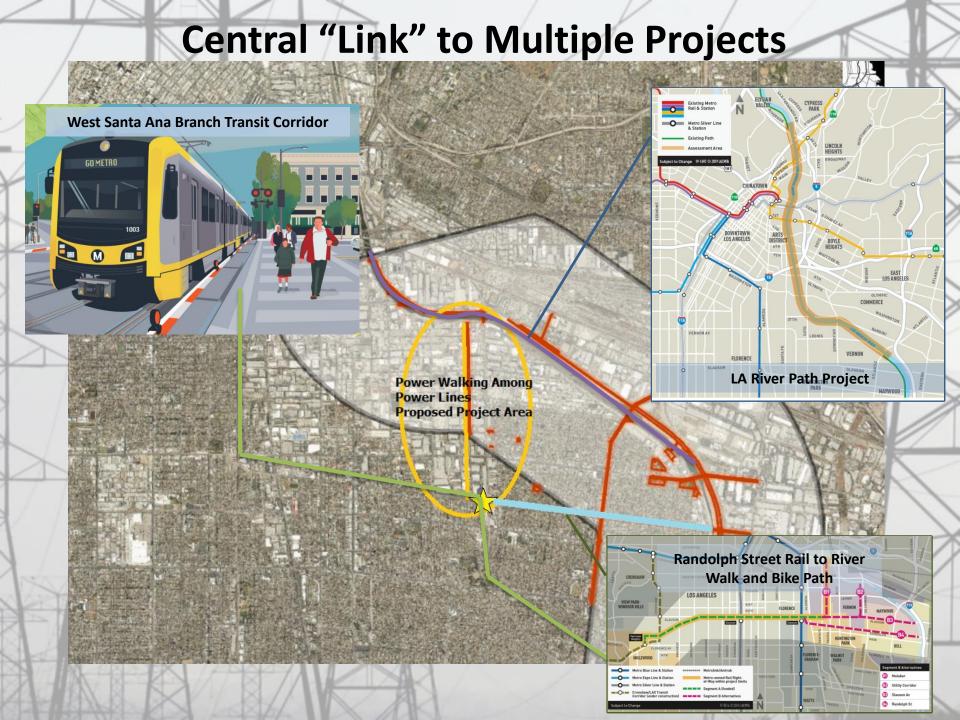






CalEnviroScreen Vicinity







LA River Multi-Use Trails

Presented by: Jim Meyer, Trails4All / BCHC-SARU / WRCA

Power-Point by: Shelby Meyer

Introduction

Trails4All sees the need to create the Trail Plans for connecting or adding to the identified "Signature Projects" (Upper Segment; Cudahy River Park; Rio Hondo Confluence River Park; Middle Segment Cross-Over; Compton Creek River Park; Wrigley Heights River Park; and Willow St. River Park.) to the existing 9.4 mile LA River Multi-Use Trail.

(Laying out my thoughts heading from top to bottom. Actual projects might tend to come on line in random order as their associated projects are rolled out.)

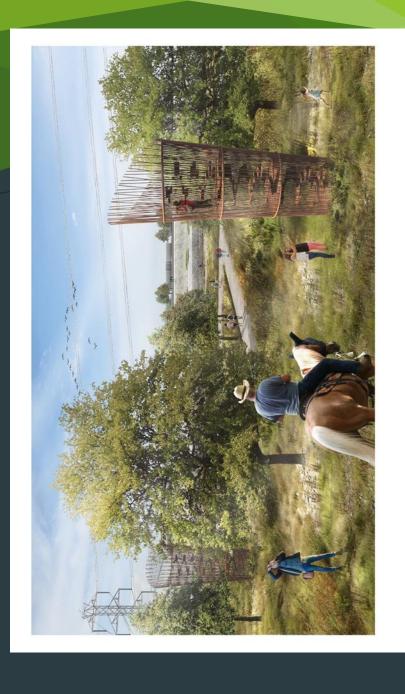
Our Ideas Include:

Think of trails as a linear parks. Adds almost 5 miles (+ 50%) to existing trail.

- 1) New Multi-Use trail from Upper Segment to connect to Cudahy River Park.
- 2) New Multi-Use trail from "Cudahy River Park" project to new "Confluence River Park" project.
- 3) The "trail component" planning in the Confluence (in conjunction with the City of South Gate and the TPL's "Urban Orchard" project.)
- 4) Trail planning to connect today's multi-use trail the Middle Segment Cross-over. (This connection could possibly connect the Compton equestrian community to the River.)
- 5) Compton Creek Crossing and connection.
- 6) Wrigley Heights (?) (Today's trail runs along here, so there may not be any need.)
- 7) Trail planning to extend the last portion of today's multi-use trail to cross the LA River and connect to the new "Willow Street River Park".
- 8) (... and Re-establish the Rio Hondo Multi-Use Trail from Whittier down to confluence. A mix of encroachment/easement issues and maintenance issues.)

1) Atlantic Blvd and Upper Segment Multi-Use Easement

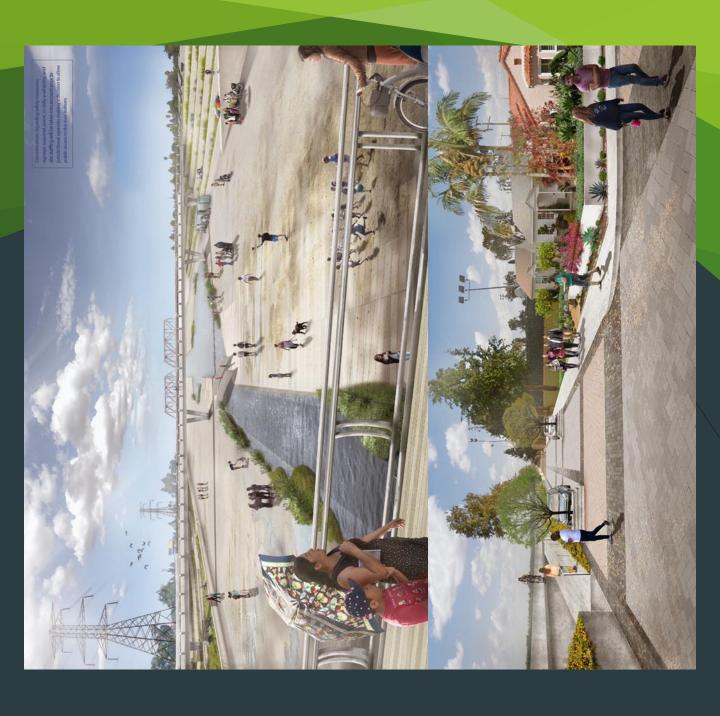
- o Location: Atlantic Boulevard to Southern Avenue
- o Potential Features: Expanded multi-use path, bike and pedestrian connections and crossings, green street, gateway park, access points, passive recreation area, habitat corridor, stormwater capture facility, etc.
- Atlantic Ave. Vernon: At one time, there seemed to be some talk about extending the LAR Bike path up into/thru this section. If that's the case, the Multi-Use (dirt or mostly dirt) trail could go with them.
- It is interesting that the "perspective" shows an equestrian, but currently there is no way to get there and no local equestrians that we know of. Depending on what goes into this park, there could be an opportunity for something like a pony-ride concessionaire.
- If we are successful in extending the multi-use trail from where it ends today, at the confluence of the Rio Hondo, across into the Confluence Park, up through or along the Urban Orchard and connecting to the Cudahy Road River Park, then it would make sense to continue the rest of the way up to here, adding about 4½ total miles to the Multi-Use (mostly dirt) Trail. The addition of 4½ miles of trail from the Paramount/South Gate equestrian centers would provide an ideal day's ride. Putting in some hitching rails and stock waterers and, of course, a restroom would complement the park.
- To get all the way here, there are a number of known challenges such as having to cross under the I-710 and three Rail lines, (and the new WSAB Metro line.)





2) Cudahy River Park

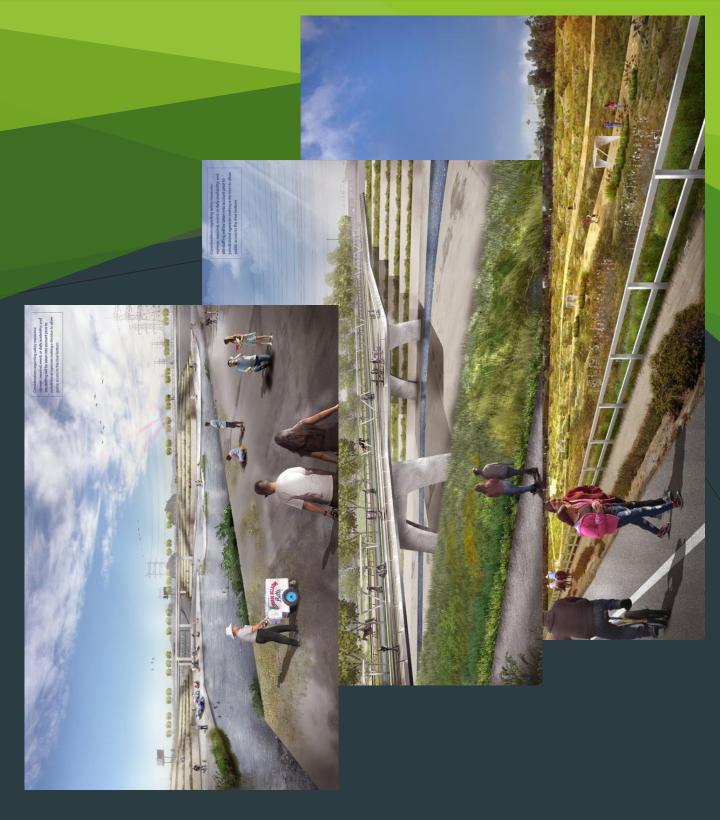
- o Location: Clara Street to Randolph Street
- o Potential Features: Multi-use bridge, channel access, river crossing, levee terracing, Clara Street complete street, river road shared street, habitat/stormwater management facility, community garden, etc.
- We would like to plan a NEW trail to connect the existing LA River trail by crossing from west to east and then connecting upstream to the Upper Segment, and downstream, through/along the City of South Gate's Urban Orchard Project to the proposed "Confluence" Project.
- Also, plan for a system of multi-use trails within the "projects" that would be suitable for equestrian use.





3) Rio Hondo Confluence

- o Location: Southern Avenue to Century Boulevard
- o Potential Features: Modified low-flow channel, vegetated terraces, river crossings, access ramp, bridge park, improved multi-use access, new open space, upland habitat area, amphitheater and historical center, community center, etc.
- Plan the connection from to the "Confluence" project to today's trail that ends just above Imperial Hwy., across via a "Multi Use" bridge that was proposed in our LLAR WG Plan.
- Also, plan for multi-use trails within the "project", again allowing for equestrian use.
- ▶ (Getting a good trail across to and through this project is the most critical.)





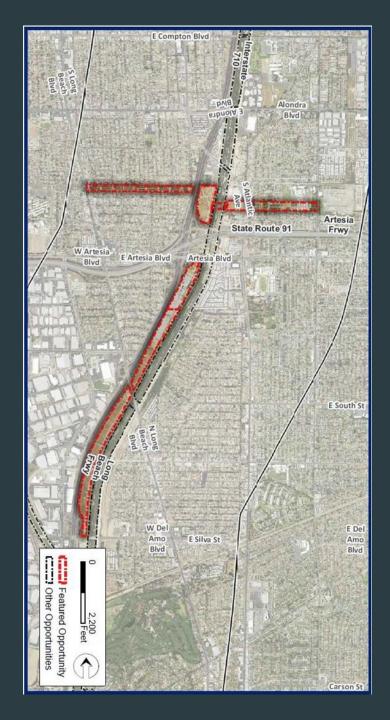
$3\frac{1}{2}$) Spur Trail on Century Blvd.

- o Location: Century Blvd, between River and Garfield Ave.
- o Potential Features: Modeled after streets/trails in Norco, this connection would allow access to three restaurants and a mini-mart at the intersection.
- This spur is at south end of Hollydale Park and would run directly in front of the Century Equestrian Center. (The south side of Century is in the City of Paramount, but all of the businesses on that corner are in South Gate.)



4) Middle Segment Crossover and Multi-Use Easement

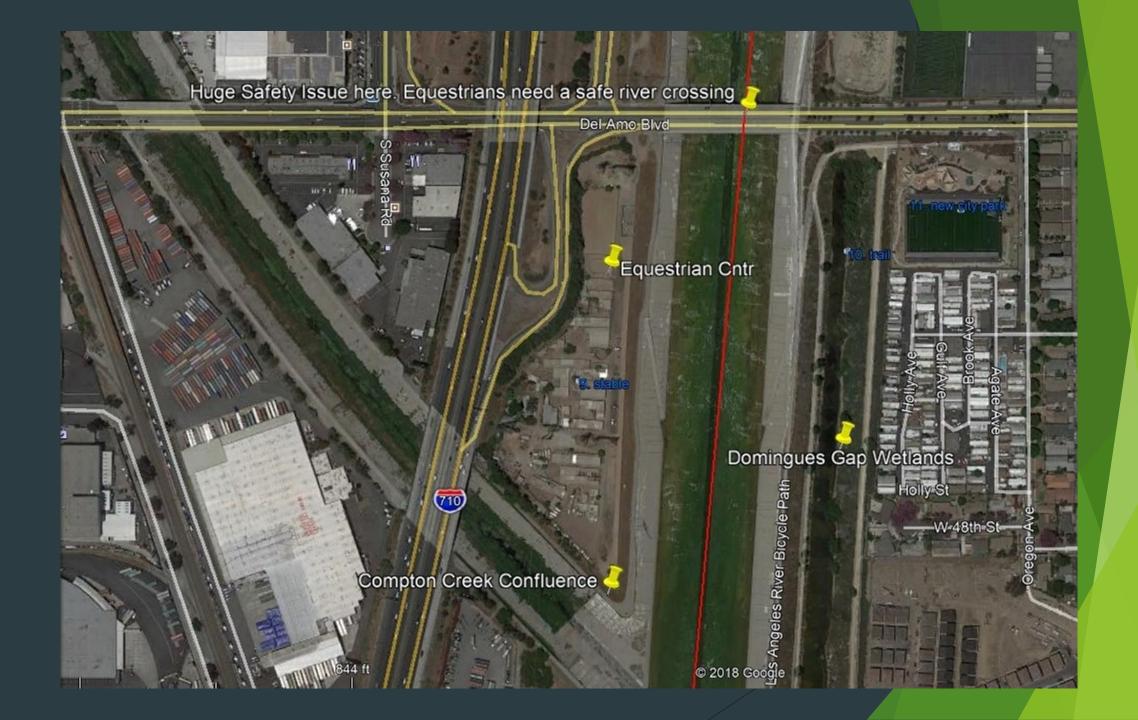
- o Location: Greenleaf Boulevard to Del Amo Boulevard
- o Potential Features: Habitat corridor, multi-use river trail, riverfront outlook, multi-modal crossing, bike repair and pedestrian amenities, open space, etc.
- If, as there seems to be, there are plans to cross both the River AND the I-710 Freeway, then this project has the potential to connect the large equestrian community located on the west side of Compton to the LA River.
- Currently, these equestrians are about 2 3 miles away. A Multi-Use trail along Greenleaf Ave. would close that gap.
- (This upper part of this section also includes the equestrian area and stables known as the County's 72nd Street Arena.)





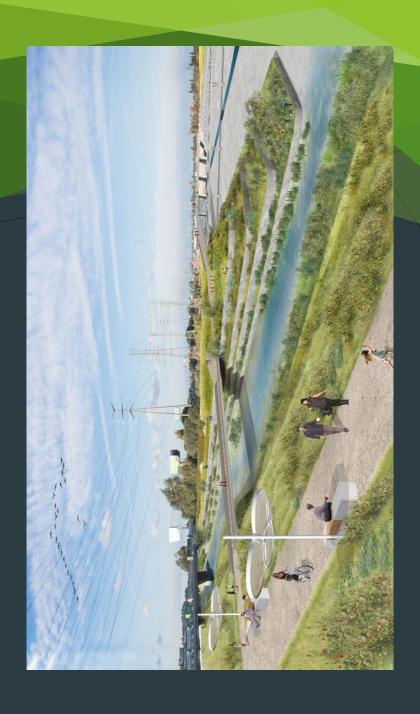
4 ½) Serious need for SAFE crossings of Del Amo Blvd.

- Both north/south on the trail, AND east/west on south side of highway crossing the bridge.
- On the west side of the River, there is a very large equestrian center that has no safe way to access the River trail.
- Also, riders riding down the trail on the east edge of the DeForest Wetlands or retention basin, find themselves at Del Amo Blvd. with no apparent way to cross four (maybe 6) lanes of fast moving traffic.



5) Compton Creek Confluence

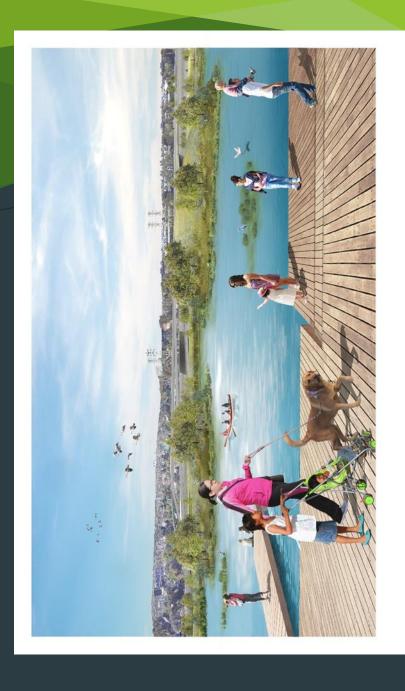
- o Location: Santa Fe Avenue to Ridgewood Street
- o Potential Features: Levee terracing, low-flow crossings, in river access, pump stations, recreation areas, community center, open space, etc.
- ▶ Plan for the multi-use crossing over to the Compton Creek Project that will be on the west side of the River. There needs to be a plan for a safe connection over to the existing Multi-Use trail that is on the east side. (and on the farside of the levee/bike path.)
- As noted in our discussion of the Upper Segment, there has been some talk about extending the LAR Bike path up into/thru the Compton Creek. If that's the case, the Multi-Use (dirt or mostly dirt) trail MUST go with them. There will never be another opportunity.





6) Wrigley Heights River Park

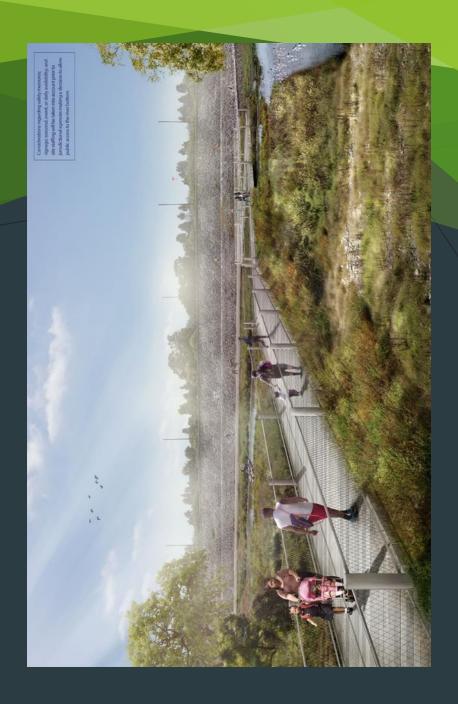
- o Location: Wardlow Road to E 208th Street
- o Potential Features: Wetlands, recharge basins, culvert, soccer fields, community center, community garden, native planting, multi-modal paths, etc.
- Plan multi-Use (Equestrian) trails within, and especially as a rest stop. Hitching rails, drinkers, etc. Equestrian rig parking?
- As far as I know, the multi-use trail currently runs along the toe of the slope parallel to the bike path





7) Willow Street Improvements

- o Location: 28th Street to the Pacific Coast Highway
- o Potential Features: Breakaway floating boardwalks, bridge park, access ramp, lower multi-use path, bird-watching platform, low-flow crossing, restroom/rest stop, complete street improvements, etc.
- ► The current trail ends, something like a half mile (I'm guessing, because I haven't ridden down there on horseback since the 1970s!) upstream of the new Proposed park. Again, we'd need to plan the extension, and then the crossing to get safely across to the west side, and a nice, multi-use (equestrian friendly) lay-out through the new park.





(8) ...

(... and related, but partially outside of this Grant Offering, would be for an updated plan to re-claim the multi-use trail along the entire length of the Rio Hondo. This would allow a connection from the Equestrian communities in Whittier, Pico Rivera and Montebello, down to our stables in South Gate, Paramount, North Long Beach and the Wrigley neighborhood near Spring Street in Long Beach.)



LOWER LOS ANGELES RIVER PUBLIC REALM, ENVIRONMENT, WATER, INFRASTRUCTURE COMMITTEE

Meeting No. 3 April 9, 2019

10:00 AM - 12:00 PM

	Name	Organization	Phone	Email
1	Ju MEGER	TRA. 6 4/1		
1	Traci Gleason	Koaconsulting/ GWMA	949300.7910	traci@koaconsulting.no
3	Amonda Wagner	Heul the Buy		awayner a healthabay -org
4	MELBSA YOU	Landbearch	562570-5524	Melissa.yum@longbeach.go
5	Joe Gonzalez	anc		
6	Chay Vy	Bell Gardus	Ste 9-806-7770	
7	Gabriel 6tz	Bell Gardens	714-940-0100	ggot, cruz Qintengu, com
8	Chilera Emilia	Bell Gardens	714-940-0100	
9	, , , , , , , , , , , , , , , , , , ,	AMIGOS De los GIDA		Kunor Camiquedelos ridsion
	Robert Blakeship		562.355.2876	South Coast TUOS mail. co

LOWER LOS ANGELES RIVER PUBLIC REALM, ENVIRONMENT, WATER, INFRASTRUCTURE COMMITTEE

Meeting No. 3 April 9, 2019

10:00 AM - 12:00 PM

	Name	Organization	Phone	Email
11	Michael Huynh	So Cal Edison	626-848-4643	huynhme@ Sce. com
]	Nick Garrity	ESA	562-296-5679	ngarrity@esassoc.com
1	Korl Eggers	WdkBike LB	(562) 843-4184	or korle wolkbikelb.org
1	Larry Rominguez	KPFF	(360) 915 4194	Lary. Domingued left.
	Manjoch Vergova	PMC	626-815-109 XIII	mvergera Orma cargor
	Julio Gonzalez	City o FCarson		Janzale @ Carson. CA.US
1	Claire frohinson	Arrigos de Lis Rios	626 676 5027	Chaire Anigosdelosnos, org
I i	Steel Mother	LADPR	626-588-535	maths Oper Killicomby
	Gina Vila	City of Commerce	(323) 722-480T	Jinane Ci. Commerce. CAJUS
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LOWER LOS ANGELES RIVER PUBLIC REALM, ENVIRONMENT, WATER, INFRASTRUCTURE COMMITTEE

Meeting No. 3 April 9, 2019

10:00 AM - 12:00 PM

	Name	Organization	Phone	Email
21	Claudia Arellano	Col & Vome	323 583 8811	Carellano QCi. Verno. Ca. Us
22	Anthony Nercessian	LADUP		anthony nercession @ ladup.com
23	KAREN BARNETT			Karen Barnete stagldonline
24	Delabie Enoss	WCA	626 815-1019	dénos@wca.ca.gor
25	Christera Dexo	Hentington Fall	562/810-6282	cdixona hpca.gov
26	Riley James	LACTOD		games@dpev.lacounty.gov
27	Dan Sharp	LACFCO		vjames@dpw.lacounty.gov
28	Claire Robinsa	Amy os de los	626 676 2057	Claired amigosde los vios
29	Kayla Kelly-Statten	(CLB		
30				