

Salt Management Strategies to Revitalize **THE SALTON SEA**



SALTON SEA AUTHORITY

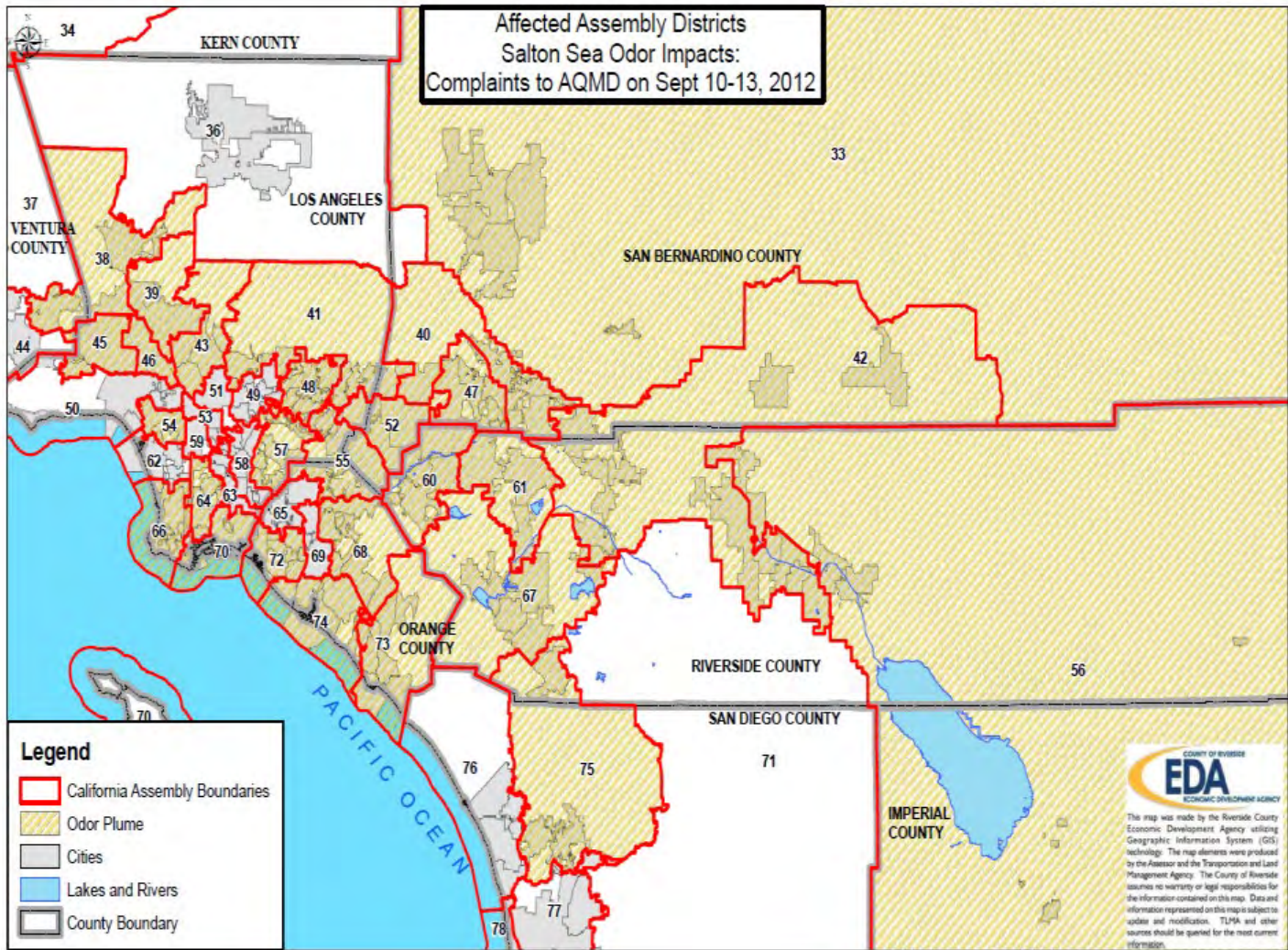
- **What is the SSA? Who are the members?**
- **When was it created, and by whom?**
- **Why was it created and what is its mission?**



CHALLENGES & OPPORTUNITIES

- **H**uman Health impacted by Air Quality
- **H**abitat loss impacting Pacific Flyway
- **O**pportunities: Renewable Energy, Recreation

Affected Assembly Districts
 Salton Sea Odor Impacts:
 Complaints to AQMD on Sept 10-13, 2012



Habitat value of Salton Sea: Migratory Birds



STATUS OF THE SALTON SEA

- Status Quo is a NO GO: Rising Salt, Lowering Water = declining ecology & economy for the Southwestern US
- North America's largest and most diverse migratory bird habitat outside the Everglades
- Salinity approaching 2 x ocean
- Algae blooms in Sea occasionally kill fish
- Water transfers in 2017: reduced inflow
- Less inflow: shoreline will shrink
- Exposure of nearly 100 sq miles of playa
- Air quality decline: odors and dust



DO NOTHING SCENARIO

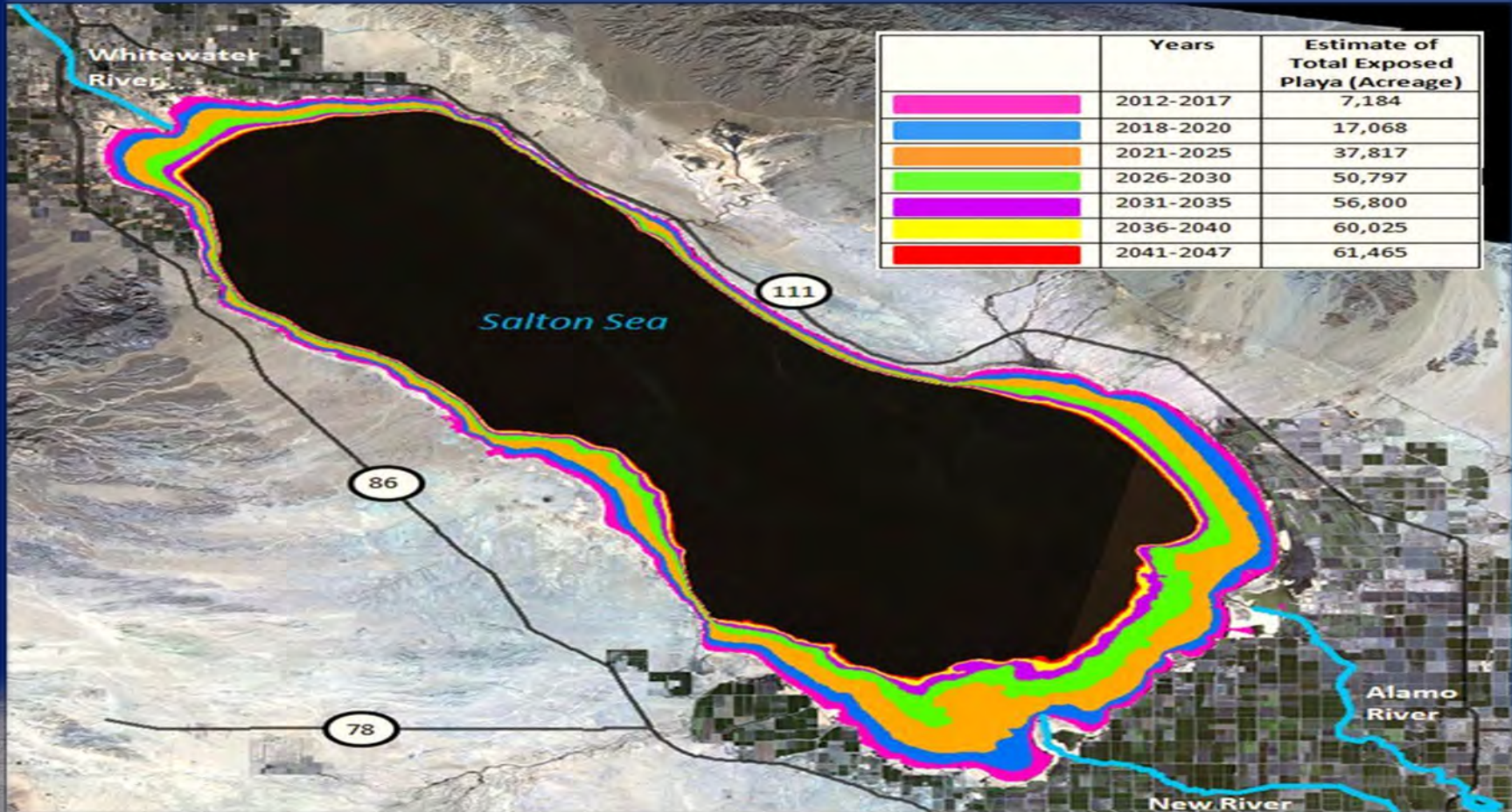
\$70 Billion in Damages

“The most costly and irresponsible of all options”

DO NOTHING SCENARIO



ESTIMATED TOTAL PLAYA EXPOSURE



SIGNIFICANT PROGRESS AT THE SEA

- Breakthroughs in cooperation
- Governance clarified
- Policy enhanced
- Funding expansion



GOVERNANCE: AB 71 (PEREZ)

Governor and Legislature direct the Ca Natural Resources Agency to work in Cooperation and Consultation with the Salton Sea Authority on matters pertaining to Salton Sea revitalization.

IMPROVED TRUST = LEGISLATIVE SUPPORT

- Funding
 - State \$\$
 - Prop 1: \$80.5 M
 - Prop 68: \$200 M
 - Federal \$\$
 - Dept of Ag :\$9 M
 - Army Corps: \$30 M
- SAVINGS: Construction \$ and Time
 - Dam Safety considerations
 - Design-Build capability for Sea projects



SALTON SEA MANGMENT PROGRAM 10 YEAR PLAN

- Realistic, Feasible, Actionable
- Salt Management: Catch inflow
- Shovel ready projects, real funding
- Not perfect or complete, but good first step



SSA DELIVERS FIRST STATE-FUNDED PROJECT EVER COMPLETED AT SALTON SEA

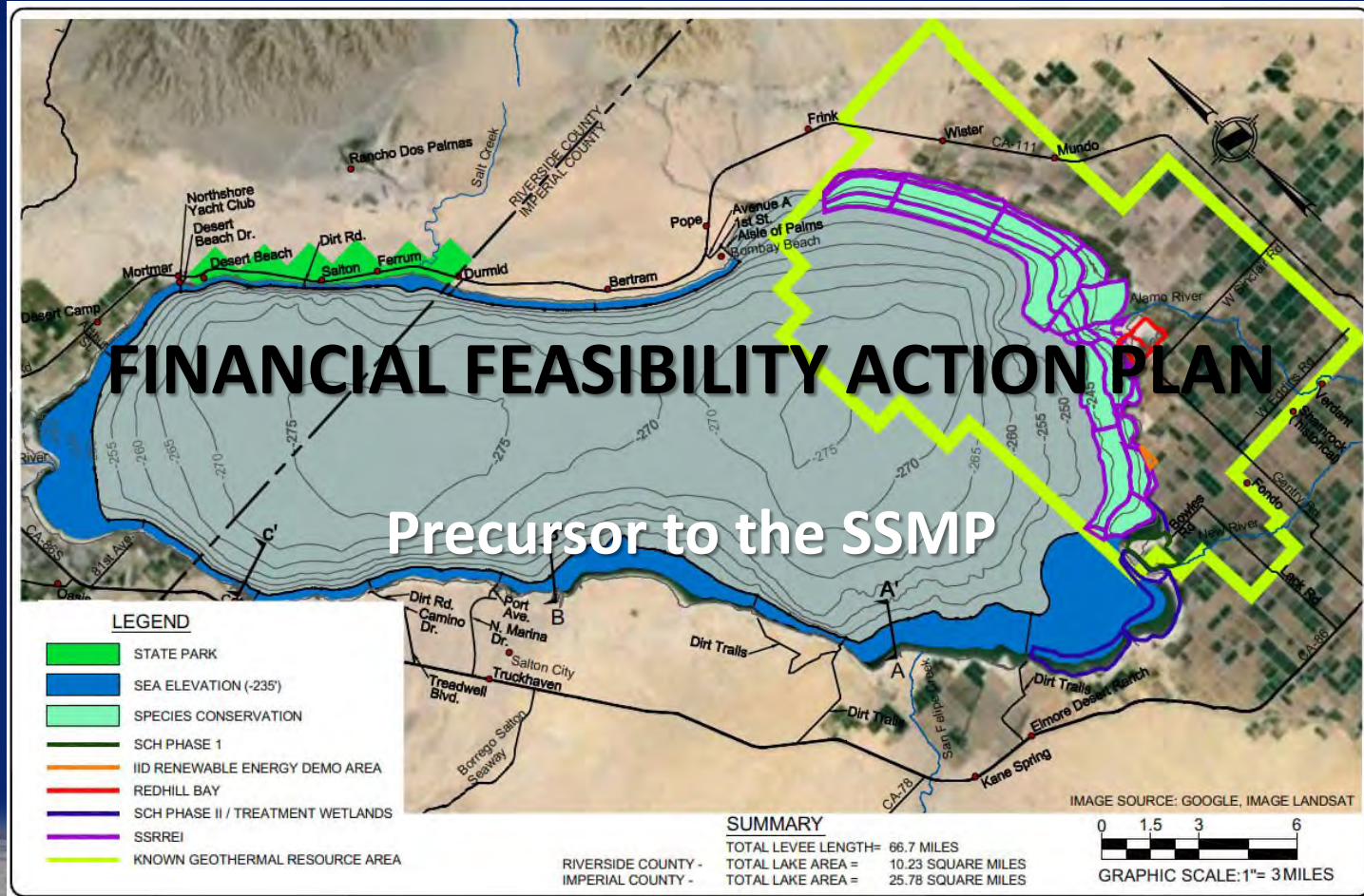
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- **Completed by Salton Sea Authority**
 - On Time
 - Under Budget
 - Contracted with state
 - In partnership with Torres Martinez Tribe

STABLE SHORELINE = MULTIPLE BENEFITS

- **SSMP 10-year plan:**
 - Goal: Smaller sustainable sea
 - State obligation: AQ, Habitat
 - Local benefits:
 - Recreation
 - Renewable Energy
 - Protects up to 30,000 acres of potentially emissive playa



Historic MOU for cooperative land use planning to develop a Perimeter Lake



NEAR-TERM DESIGN & CONSTRUCTION

- **Current projects**
 - SSA/Torres Martinez Wetland
 - Phase 2 Expansion
 - Red Hill Bay
 - New River East - (SCH)
- **Proposed 2020**
 - New River West
 - Whitewater River



NEW SOURCES OF FUNDING

- **State Bonds**
- **Federal Approps**
- **Local – EIFD****



INFRASTRUCTURE FINANCING DISTRICTS (IFD)

- **NOT a new tax**
- **NOT a change in tax rate**
- **Leverages existing local property tax**
- **Requires a defined project providing clear benefits**





For more information please visit: <http://saltonseaaauthority.org/>

Overview of the Santa Ana River Trail

Ian Achimore, Senior Watershed Manager

Patricia Lock-Dawson, Principal PLD Consulting

Commission | March 17, 2020

Item No. 6.A.



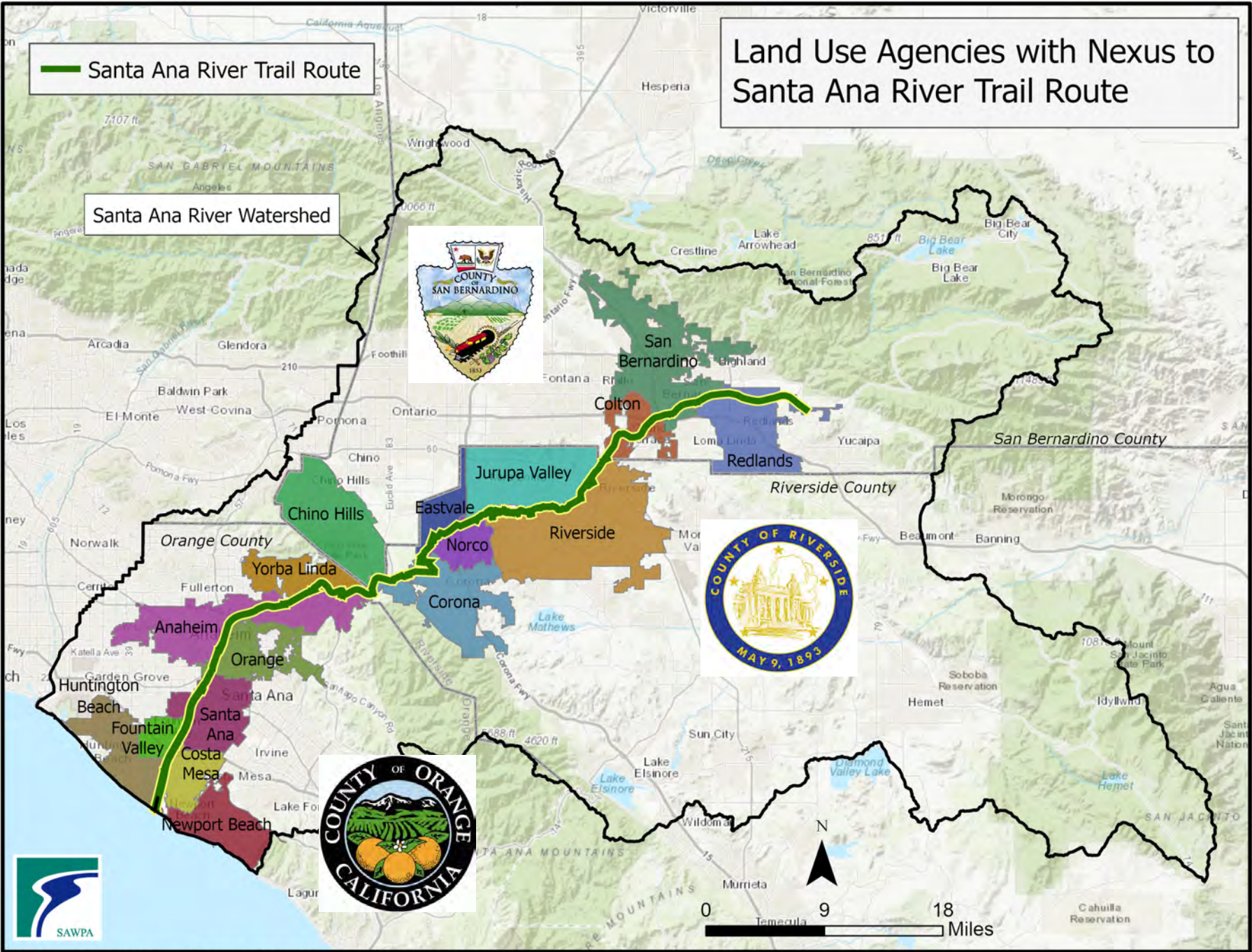
PLD Consulting
land use and governmental affairs

Crest To Coast Trail

Requires Coordination and Long-Term Planning



Land Use Agencies with Nexus to Santa Ana River Trail Route



Important Trail Facts

- ▶ **1950s:** Area adjacent to Santa Ana River was recommended to the California State Parks Commission as a multi-purpose recreation area.
- ▶ **Mid-1970s:** 30-miles downstream of Prado in Orange County paved for multi-use trail/road.
- ▶ **1977:** U.S. Department of Interior designated portions of the trail as a National Recreational Trail.
- ▶ **1991:** First Coordinated Tri-County Santa Ana River Trail Master Plan Developed.
- ▶ **2006:** Counties, SAWPA and others form the Trail Policy Advisory Group.



The Santa Ana River Trail and Parkway Partnership

Est. 2006 by Memorandum of Understanding

- ▶ Policy Advisory Group (Elected Officials)
- ▶ Technical Advisory Group (Managers)



- In 2014, legislation was passed to create the Santa Ana Conservancy program requiring the creation of a local advisory body.
- First order of business was to create the Santa Ana River Parkway and Open Space Plan.

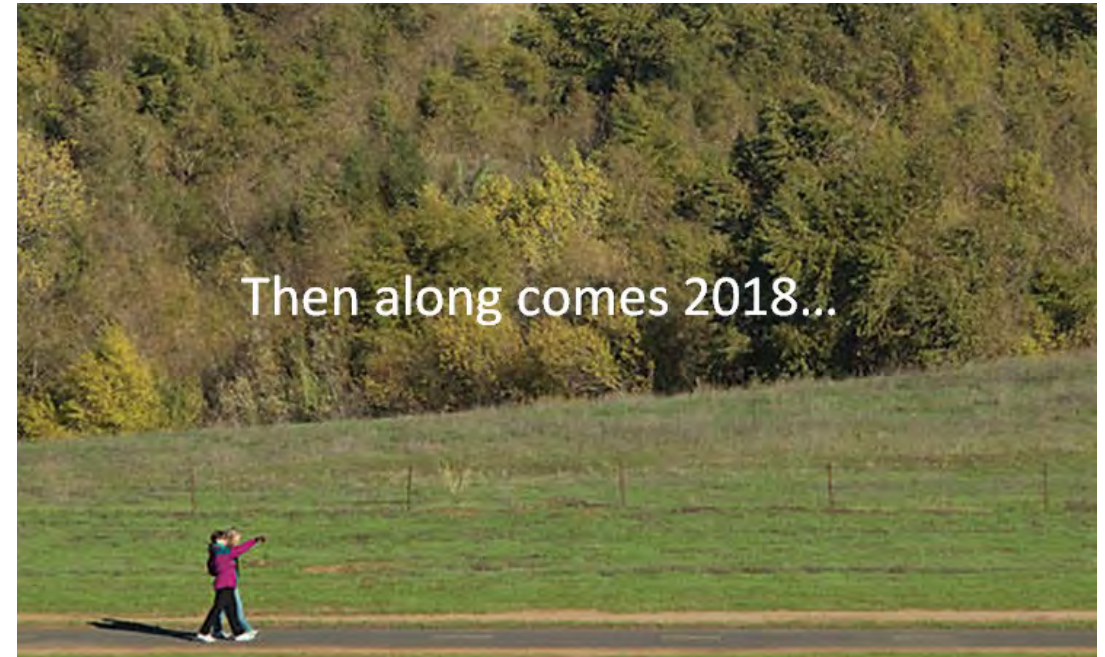




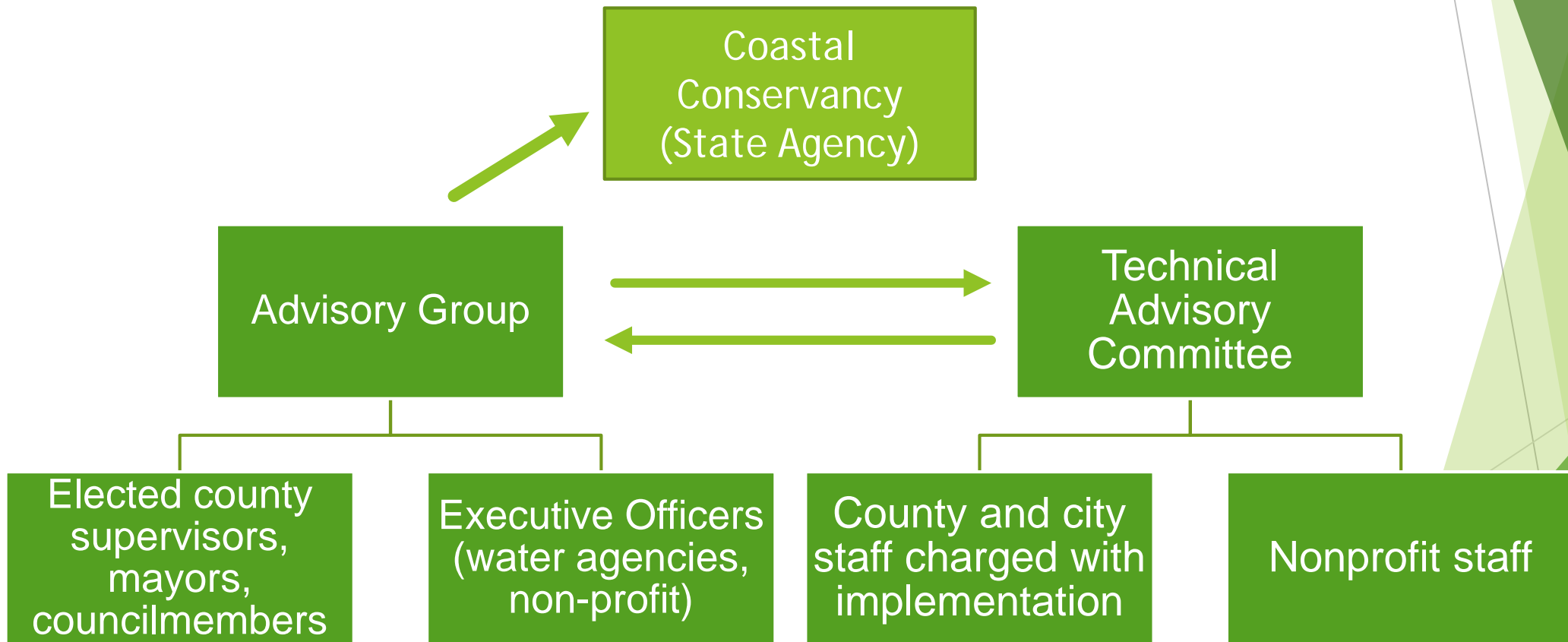
PARKWAY & OPEN SPACE PLAN

Expanding the River's Reach

- ▶ MOU Expires
- ▶ Partnership model segues into Conservancy
- ▶ New organizational structure is needed



Santa Ana River Conservancy Decision Making and Implementation



Advisory Group Roster

Name	Title	Affiliation
Rusty Bailey	Mayor	City of Riverside
Stephen Faessel	Councilmember	City of Anaheim
Toni Momberger	Councilmember	City of Redlands
T. Milford Harrison	Commissioner	Santa Ana Watershed Project Authority
David Myers	Executive Director	Wildlands Conservancy
Jack Easton	Executive Director	Rivers and Land Conservancy
Michael Wellborn	President of the Board	Friends of Harbors Beaches and Parks
Beahta Davis	Director	San Bernardino County Parks
Kyla Brown	General Manager	Riverside County Parks and Open Space District
Stacy Blackwood	Director	Orange County Parks
Jose Solorio	Councilmember	City of Santa Ana
Karen Spiegel	Supervisor, 2nd District	County of Riverside

The Advisory Group in 2020 and Beyond...

- ▶ Continue coordination on trail development
- ▶ Act as local advisory body to Santa Ana River Conservancy program (per legislation)
- ▶ Advocate for funding, support and resources
- ▶ Advise on plan implementation, project priorities

Bringing In State Funding for the Trail

- ▶ Prop. 84 (2006): \$45 million
- ▶ Prop. 68 (2018): \$16 million
- ▶ State Budget 18/19: \$5 million
- ▶ Governor's Proposed 20/21 Budget: \$3 million



Trail Construction

- ▶ The majority has been constructed with several gaps remaining to be completed:
 - ▶ 11 miles in San Bernardino County,
 - ▶ 12 miles in Riverside County, and
 - ▶ 3 miles in Orange County.
- ▶ The overall trail is likely completed in the next 5 to 10 years.

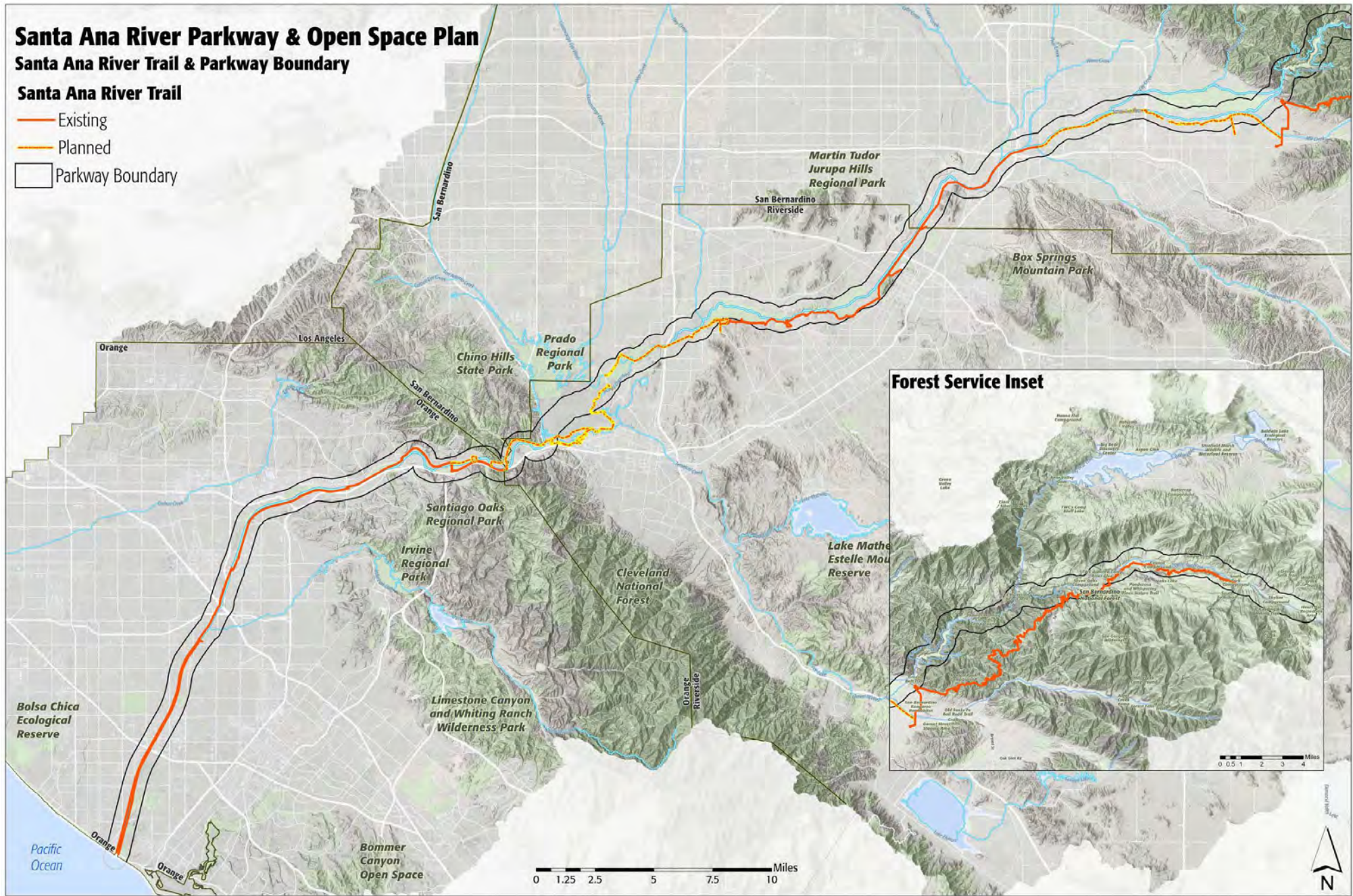


Santa Ana River Parkway & Open Space Plan

Santa Ana River Trail & Parkway Boundary

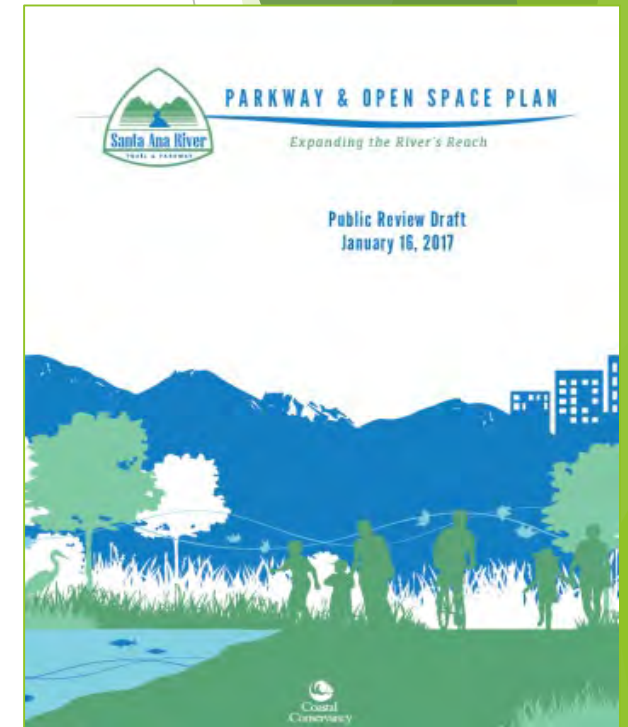
Santa Ana River Trail

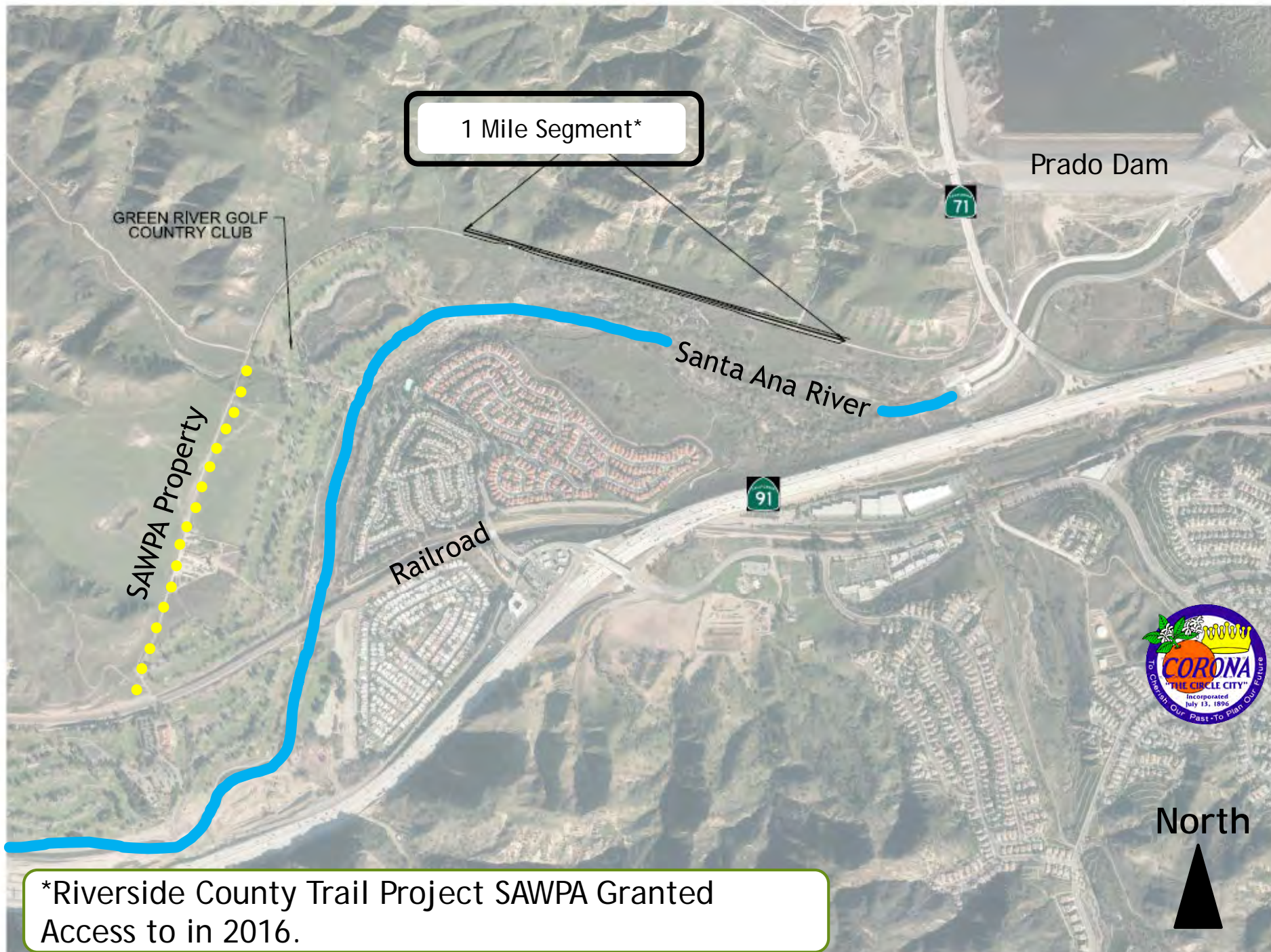
- Existing
- Planned
- Parkway Boundary



SAWPA's Trail Participation

- ▶ Commissioner on Advisory Group.
- ▶ Past Technical Advisory Committee (TAC) Chair.
- ▶ Served as contracting arm of TAC before MOU (similar to other SAWPA Task Forces).
 - ▶ Hosted Trail Website.
- ▶ Granted right of entry to Riverside County in 2016 for 1-mile segment of trail near Prado Dam.
- ▶ Participated in the development of the 2018 Parkway and Open Space Plan.
 - ▶ SAWPA projects included in the Plan.





1 Mile Segment*

Prado Dam

GREEN RIVER GOLF COUNTRY CLUB

SAWPA Property

Santa Ana River

Railroad



North

*Riverside County Trail Project SAWPA Granted Access to in 2016.

SAWPA Property Near Prado



Questions





SAWPA Parking Lot Restoration MOU Between SAWPA and WMWD

Carlos Quintero, Operations Manager
SAWPA Commission | March 17, 2020

Item 6.B.

Recommendation

- Authorize the General Manager to approve the revised Memorandum of Understanding between SAWPA and Western Municipal Water District establishing the terms for the cost allocation of the SAWPA parking lot restoration.

Per Assessor's Map, this portion is part of
WMWD Sterling Pump Station Parcel

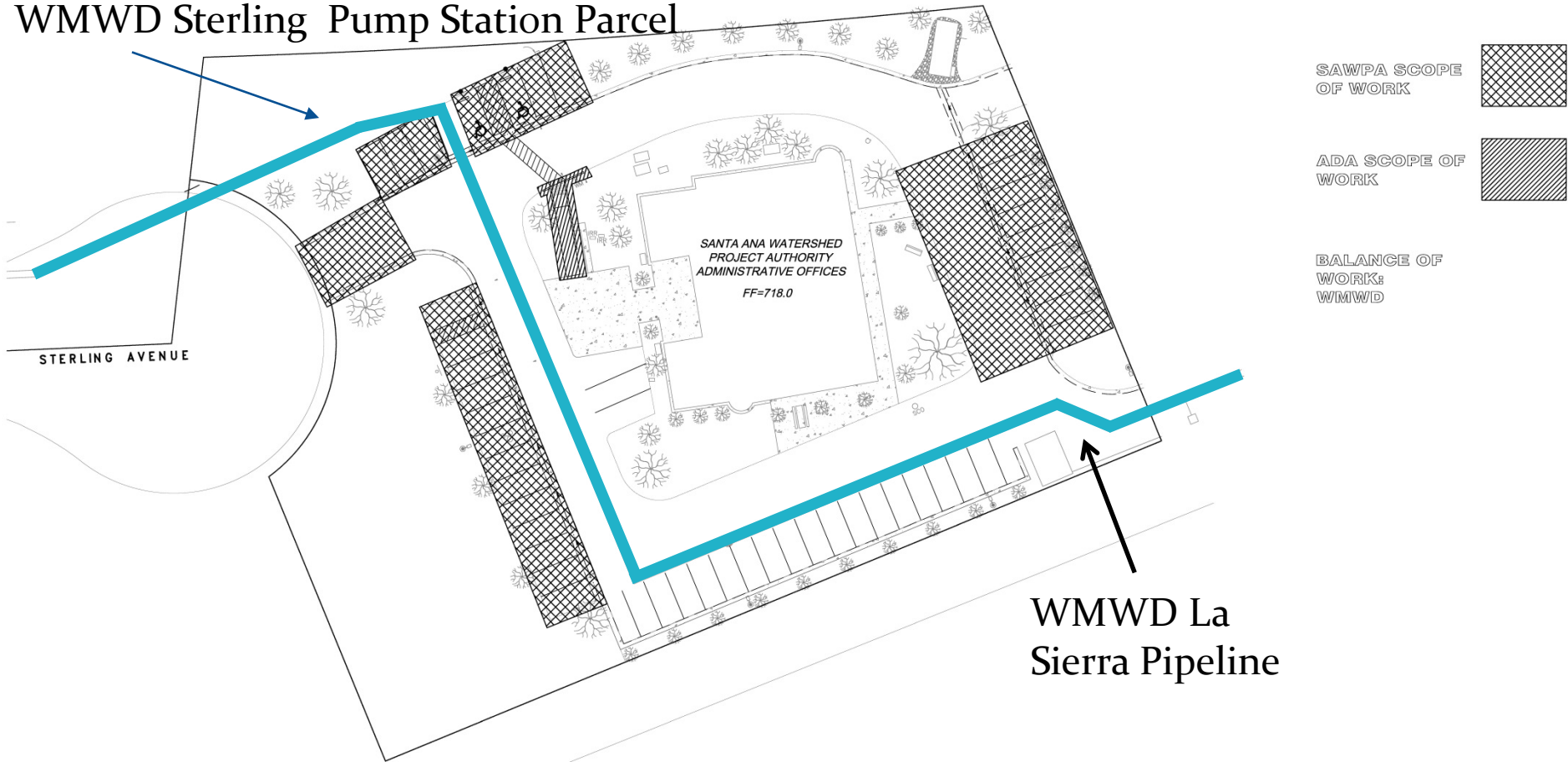
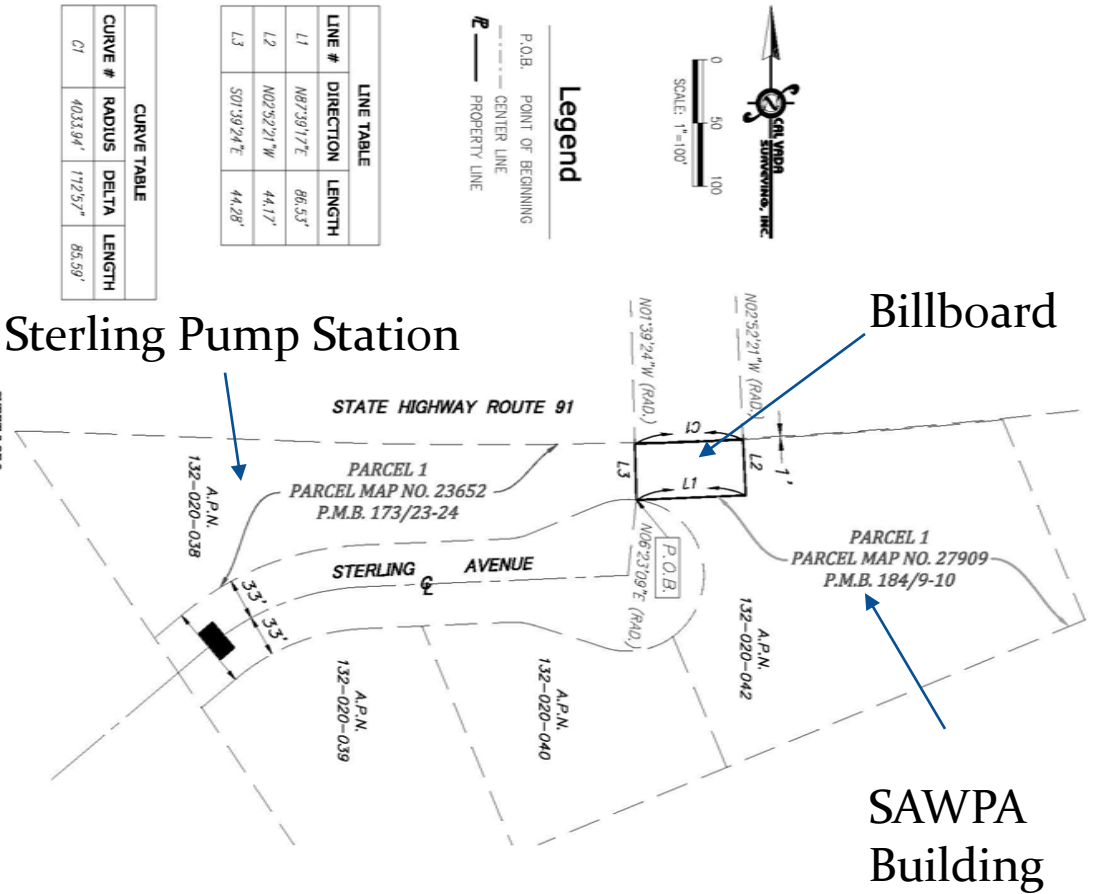


EXHIBIT "B"
 PLAT TO ACCOMPANY LEGAL DESCRIPTION
 11615 STERLING AVENUE, RIVERSIDE, CA 92503



LINE #	DIRECTION	LENGTH
L1	N87°39'17"E	86.53'
L2	N02°32'21"W	44.17'
L3	S01°39'24"E	44.28'

CURVE TABLE			
CURVE #	RADIUS	DELTA	LENGTH
C1	4033.94'	172°57"	85.59'

SHEET 2 OF 2

CAL VADA
SURVEYING, INC.

411 JENKS CIRCLE, SUITE 205, CORONA, CA. 92880-1782

PHONE: 951-280-9960 FAX: 951-280-9746

Job No. 20122
 Drawn By: MN
 Date: 02/12/20
 www.calvada.com

Estimated Cost

Item	Total Cost (Estimated)	SAWPA Share	WMWD Share
Parking lot re-surfacing	\$71,000	\$23,200 (32.7%)	\$47,800 (67.3%)
Additional 3 parking stalls, ADA improvements	\$24,000	\$24,000 (100%)	-

Recommendation

- Authorize the General Manager to approve the revised Memorandum of Understanding between SAWPA and Western Municipal Water District establishing the terms for the cost allocation of the SAWPA parking lot restoration.



Questions??

SAWPA Building Renovation

Phase 2

Carlos Quintero, Operations Manager
SAWPA Commission | March 17, 2020
Item No. 6.C.

Recommendation

- Approve the use of \$120,000 from the Building Reserve Fund to continue Phase 2 of the SAWPA Building Renovation effort.

Building Renovations – Phase 1

Concept	Amount	Notes
Budget Approved	\$376,500	
Amount Spent	\$345,000	
Pending	\$30,000	Parking Lot

Building Renovations – Phase 2

Concept	Estimated Cost (\$)
Flooring	\$37,927.54
Department displays, wall art/photos	\$5,054.26
Painting	\$14,895
2 nd floor restroom renovations	\$28,000
2 nd floor conference room	\$16,797.02
2 nd floor document room	\$8,276.85
Window shades	\$9,000
TOTAL	\$119,950.67

Recommendation

- Approve the use of \$120,000 from the Building Reserve Fund to continue Phase 2 of the SAWPA Building Renovation effort.

Strategic Plan Facilitator Consultant Services | Award of Agreement

Rich Haller, P.E., General Manager
Item No. 6.D. | March 17, 2020



RECOMMENDATION

It is recommended that the Commission direct the General Manager to execute an agreement for services with Water Systems Consulting, Inc. for Strategic Plan Facilitator Consultant Services in an amount not to exceed \$79,330.

Background

- The 2016 Strategic Plan evaluated three business lines:
 - Brine Line
 - Roundtables
 - OWOW
- For each business line, the 2016 Strategic Plan consisted of:
 - Goals and Objectives
 - Critical Success Factors (CSFs)
 - Process, Activities, and Tasks (PATs)
- 2016 process inclusive of workshops and Commissioner interviews.

Request for Proposals (RFP)

- December 2019 - RFP for Strategic Plan Facilitator Consultant Services was approved by the Commission.
- January 2020 - release of RFP; seven proposals were received.
- March 2020 - top four firms interviewed:
 - MIG
 - PlaceWorks Inc.
 - Raftelis
 - Water Systems Consulting Inc. (WSC)

SCOPE OF WORK

- Identify and provide required information; develop detailed implementation plan and schedule (set workshop dates).
- Conduct interviews and preliminary workshops with member agency GMs, OWOW Steering Committee, several Bine Line customers, and key watershed stakeholders.
- Meet with key SAWPA staff to identify goals to facilitate internal changes needed to support the final strategic plan.
- Conduct initial Commission workshop.
- Draft strategic plan.
- Conduct second workshops with agency GMs, Commission.
- Finalize strategic plan.
- Present final plan to the Commission.

2020 STRATEGIC PLAN | Desired Results

- Confirm vision, values, and priorities for SAWPA to meet the present and future needs of member agencies and watershed stakeholders.
- Seek input from stakeholders, the OWOW Steering Committee, General Managers, and Commissioners to define the goals for each of the three SAWPA business lines.
- Target completion period of approximately four months.

RECOMMENDATION

It is recommended that the Commission direct the General Manager to execute an agreement for services with Water Systems Consulting, Inc. for Strategic Plan Facilitator Consultant Services in an amount not to exceed \$79,330.



QUESTIONS

COVID-19

Rich Haller, General Manager
SAWPA Commission | March 17, 2020
Item No. 6.E

Recommendation

- Receive and discuss information; provide direction to staff regarding Coronavirus (COVID-19).

CalOSHA Guidance

- CalOSHA Guidance for General Industry
 - <https://www.dir.ca.gov/dosh/coronavirus/General-Industry.html>
- SAWPA not covered by the Aerosol Transmissible Diseases (ATD) Standard
- Actively encouraging sick employees to stay home
- Sending employees with acute respiratory illness symptoms home immediately

CalOSHA Guidance

- Providing information and training to employees on:
 - Cough and sneeze etiquette
 - Hand hygiene
 - Avoiding close contact with sick persons
 - Avoiding touching eyes, nose, and mouth with unwashed hands
 - Avoiding sharing personal items with co-workers (i.e. dishes, cups, utensils, towels)
 - Providing tissues, no-touch disposal trash cans and hand sanitizer for use by employees
- Performing routine environmental cleaning of shared workplace equipment and furniture (disinfection beyond routine cleaning is not recommended)
- Advising employees to check [CDC's Traveler's Health Notices](#) prior to travel

CalOSHA Guidance

- COVID-19 not considered a hazard at SAWPA
- **Injury and Illness Prevention Program (IIPP)**
All employers must have an IIPP (title 8 [section 3203](#)) to protect employees from workplace hazards. Employers are required to determine if COVID-19 infection is a hazard in their workplace. If it is a workplace hazard, then employers must:
 - Implement measures to prevent or reduce infection hazards, such as implementing the CDC recommended actions listed above
 - Provide training to employees on their COVID-19 infection prevention methods

CDC Guidance

- CDC Interim Guidance for Businesses and Employers
 - <https://www.cdc.gov/coronavirus/2019-ncov/community/guidance-business-response.html>
- Actively encourage sick employees to stay home
- Separate sick employees
- Emphasize staying home when sick, respiratory etiquette and hand hygiene by all employees
- Perform routine environmental cleaning
- Advise employees before traveling to take certain steps

CDC Guidance

- Additional Measures in Response to Currently Occurring Sporadic Importations of the COVID-19:
 - Employees who are well but who have a sick family member at home with COVID-19 should notify their supervisor and refer to CDC guidance for [how to conduct a risk assessment](#) of their potential exposure
 - If an employee is confirmed to have COVID-19, employers should inform fellow employees of their possible exposure to COVID-19 in the workplace but maintain confidentiality as required by the Americans with Disabilities Act (ADA). Employees exposed to a co-worker with confirmed COVID-19 should refer to CDC guidance for [how to conduct a risk assessment](#) of their potential exposure.

Governor Executive Order

<https://www.gov.ca.gov/wp-content/uploads/2020/03/3.12.20-EO-N-25-20-COVID-19.pdf>

- Waives some Brown Act requirements, provided that the following conditions are met:
 - Each local body must give advance notice of each public meeting, according to the Brown Act;
 - Each local body must notice at least one publicly accessible location from which members of the public shall have the right to observe and offer public comment at the public meeting.

Recommendation

- Receive and discuss information; provide direction to staff regarding Coronavirus (COVID-19).



Questions??

Upcoming meetings (through April 30, 2020)

Basin Monitoring Program (BMP) Task Force	30 participants
Imported Water Rechargers Committee – BMP TF	10 participants
Lake Elsinore/Canyon Lake TMDL Task Force meeting	25 participants
BMP Task Force – SAR Wasteload Allocation Training	12 participants
OWOW Steering Committee	25 participants
LESJWA Board Meeting (EVMWD offices)	10 participants
LESJWA Education and Outreach Committee (EVMWD offices)	5 participants
Middle SAR TMDL Task Force	30 participants
Regional WQ Monitoring Program Task Force	30 participants
SARCCUP Planning Managers	10 participants
Pretreatment Work Group Meeting	15 participants