

1995 MARKET STREET RIVERSIDE, CA 92501 951.955.1200 951.788.9965 FAX www.rcflood.org

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

AGENDA

Commissioners of Zone 6 of the Riverside County Flood Control and Water Conservation District will hold a Public Budget Hearing at 11:00 a.m. on Thursday, December 7, 2023 at the Riverside County Flood Control District office, 1995 Market Street, Riverside.

The purpose of this meeting is to receive requests from interested parties for project funding for the budget of Fiscal Year 2024-2025.

- 1. Chief Engineer's Report of Zone Activities.
- 2. Receive requests from interested parties for projects for Fiscal Year 2024-2025.
- 3. Oral communication from the audience.

The Budget Work Session is set for 11:00 a.m. on Thursday, February 22, 2024 at the Riverside County Flood Control and Water Conservation District office, 1995 Market Street, Riverside. The purpose of the meeting is to discuss the budgeting of projects for Fiscal Year 2024-2025.

Zone 6 Report to the Zone Commissioners

By Jason E. Uhley, General Manager-Chief Engineer November 2023

Emergency Work

In late August 2023, Tropical Storm Hilary delivered significant rains that caused flooding across Zone 6. While the District's facilities overall performed well and protected the communities, we have undertaken several emergency contracts to restore portions of Mission Creek, Tahquitz Basin and Palm Canyon Wash that were damaged due to the high flows. These emergency contracts are expected to be complete before the end of the calendar year 2023, however, the cost for these restorations will impact the funds available for the next update of our Zone 6 Capital Improvement Plan. The anticipated cost impact of these projects will be discussed in the upcoming Budget Hearings/Workshops.

Active District-Led Projects

Palm Springs MDP Line 41, Stg 3 & 4 (6-8-00160-03 & -04)

Stage 3 of the Line 41 system is a District-led project consisting of approximately 5,450 feet of 30-inch to 108-inch underground pipe and a 7-acre detention basin. The project extends from the intersection of Seminole Road and Cherokee Way southerly to the basin on Matthew Drive and then easterly along Matthew Drive and Highway 111 to meet Stage 2.

Stage 4 of the Line 41 system is a District-led project consisting of approximately 1,365 feet of 84-inch reinforced concrete pipe located in the Safari Mobile Home Park collecting flows from the hills west of the community and connecting to the Stage 3 project at Cherokee Way.

The primary objective of these stages of Line 41 are to remove the Federal Emergency Management Agency (FEMA) floodplain and provide 100-year flood protection to the community in the area. The District will be responsible for operation and maintenance of the facility and basin improvements. This project is funded by the District. The project is currently under construction and is substantially complete. A final Notice of Completion is expected by December 2023.

Whitewater River Levee Restoration, Stage 90 (6-8-00250-90)

This is a District-led project to increase freeboard and bring the levee adjacent to Cimarron Golf Resort into compliance with Federal Emergency Management Agency (FEMA) certification guidelines. The studied river reach is between Indian Canyon Drive upstream to Dinah Shore Drive downstream. The existing levee will be upgraded along segments where freeboard is insufficient to meet FEMA certification requirements. This is an improvement to an existing District facility, and the District will continue to be responsible for operation and maintenance of the facility. This project is funded by the District. A preliminary design/scoping had been completed, but Tropical Storm Hilary significantly impacted the river. The District is currently awaiting updated mapping and will reconfirm if the scope of this project needs to be adjusted.

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Zone 6 Report to the Zone Commissioners

November 2023

Active Partner-Led Projects

Desert Hot Springs MDP Line C-1, Stage 1 (6-8-00034-01)

This City of Desert Hot Springs (City)-led project consists of approximately 4,070 feet of various size pipe (48-60"). The project will collect flows from a low point located west of the intersection of Deodar Avenue and Redbud Road. Flows will be conveyed south within Calle Amapola and outlet into an existing 66-inch reinforced concrete pipe located south of Panorama Drive. This project will alleviate ongoing residential and street flooding within the surrounding community. The District will be responsible for operation and maintenance of the facility. This project is funded by the District. The Cooperative Agreement was executed on June 7, 2022. The project is finishing the 60% design phase. The District has reviewed the 60% plans and provided comments to Albert A. Webb Associates, the City's consulting engineer.

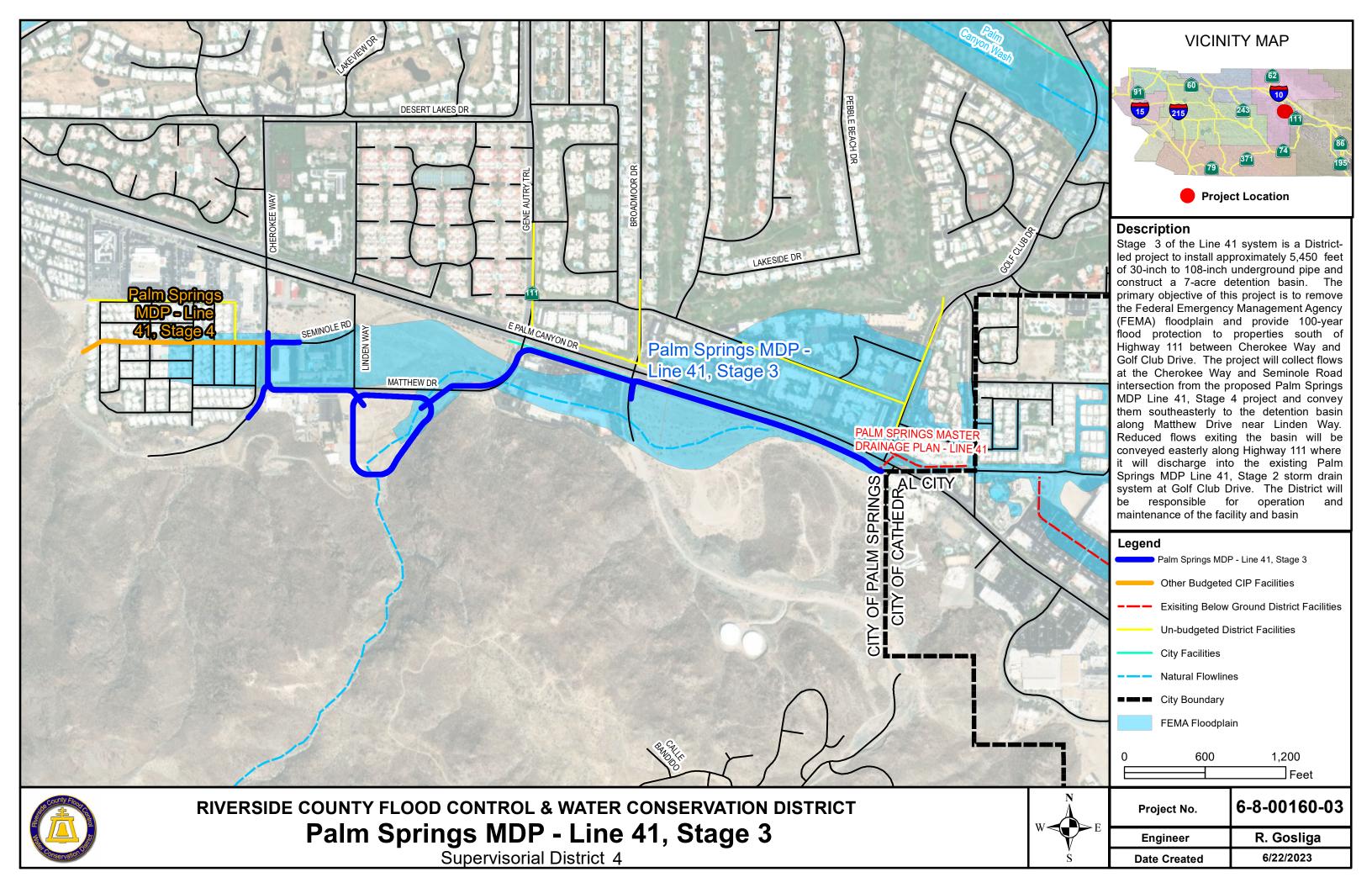
Palm Springs MDP Line 6, Stage 3 (6-8-00300-03) [formerly known as Palm Springs MDP Line 6 and Lateral 6D (6-8-09013-00)]

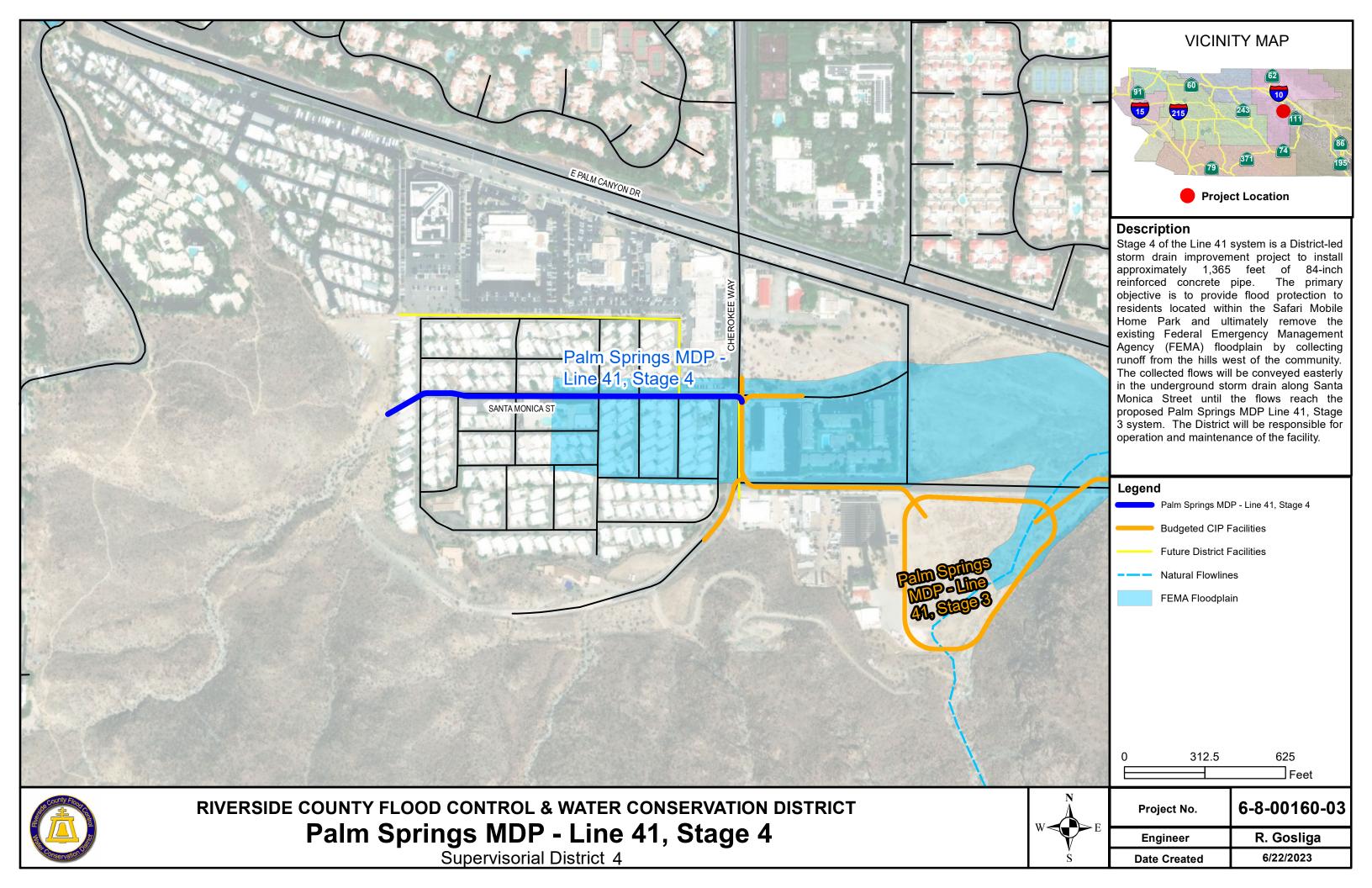
This is a City of Palm Springs-led project to construct Palm Springs Master Drainage Plan Line 6 and 6D (6-8-00232-00 Palm Springs Lateral 6D). The project includes approximately 4,000 feet of 30 to 60-inch reinforced concrete pipe to collect flows from the intersection of Francis Drive and N. Avenida Caballeros and convey them southerly within N. Avenida Caballeros to Highway 111/E. Vista Chino where it will outlet into the existing District's Palm Springs MDP Lines 5 and 6 storm drains. The District and the City of Palm Springs will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District. The District is currently working with the City of Palm Springs to begin drafting the cooperative agreement.

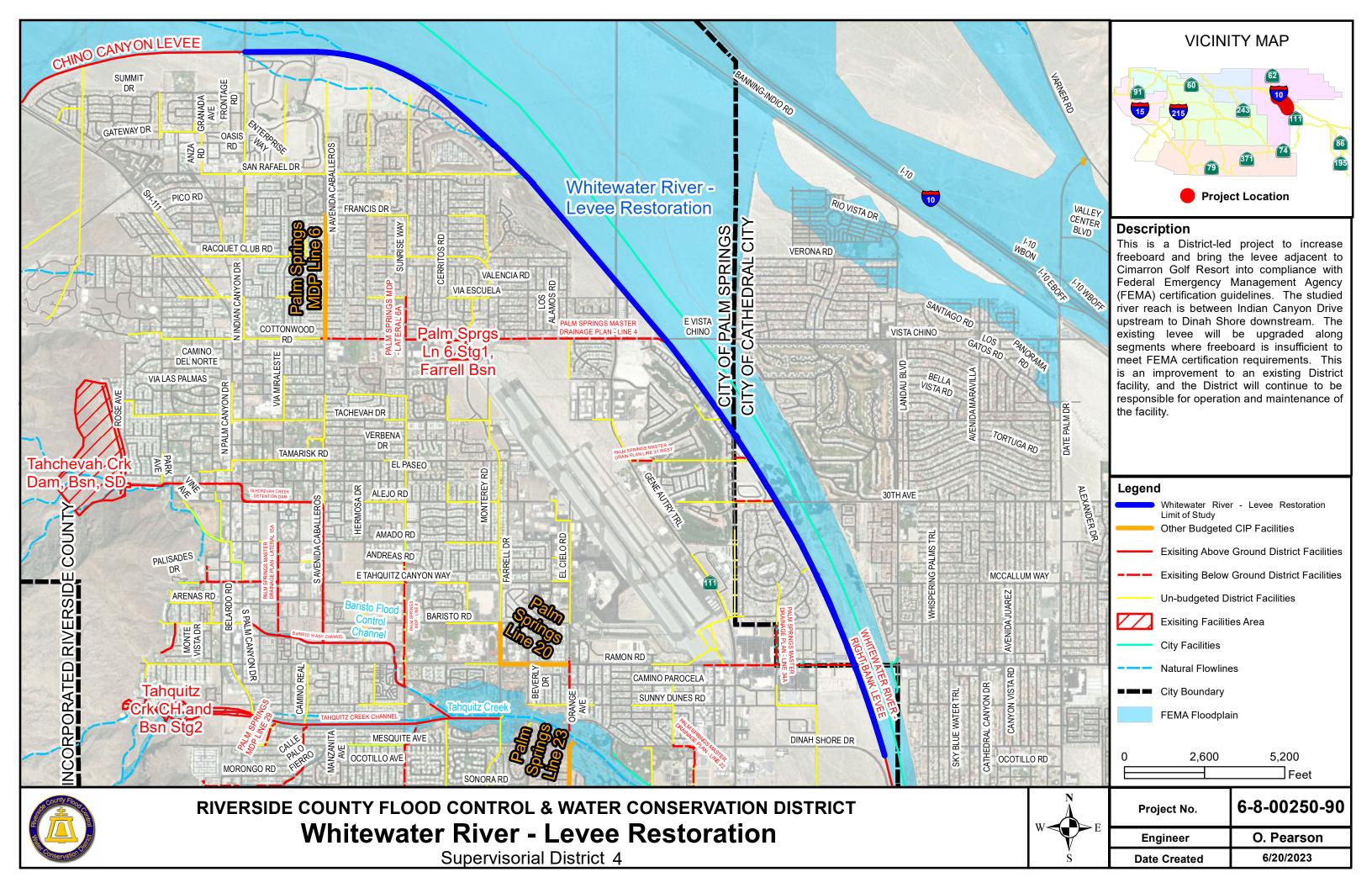
Palm Springs MDP Line 20, Stage 3 (6-8-00320-03)

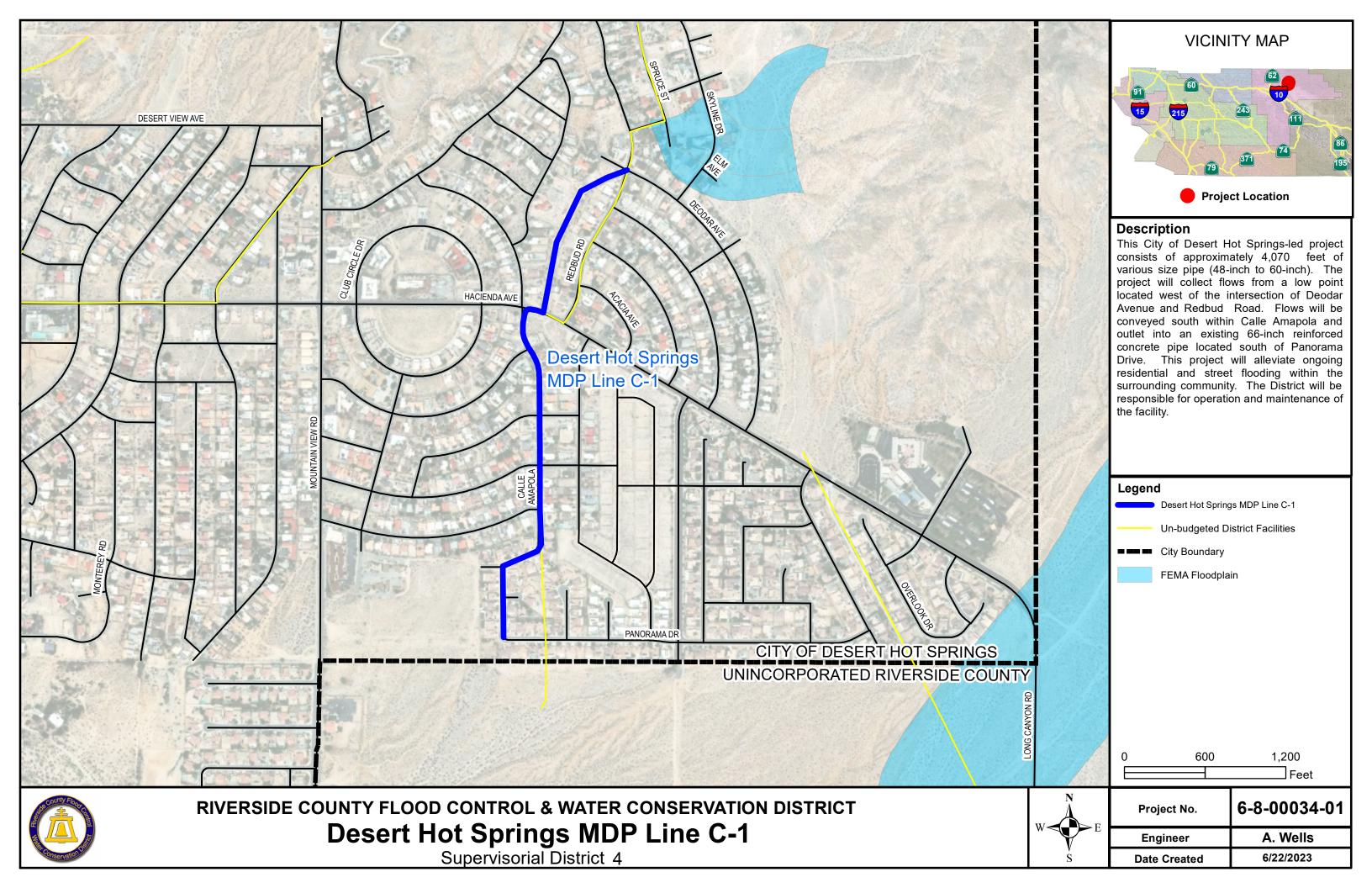
The City of Palm Springs-led project proposes construction of the 4,600 feet storm drain. The project will collect and convey flows from the intersection of Baristo Road and Farrell Drive and convey them south and east within Farrell Drive and Ramon Road where they will outlet into the existing District's Palm Springs Master Drainage Plan Line 20 storm drain. The project will alleviate the flooding affecting the streets and surrounding community. The District will be responsible for operation and maintenance of the facility. This project is funded by the District. The Cooperative Funding Agreement between the City of Palm Springs and the District was executed on September 28, 2021. Construction bids were received in September 2023 for \$4 million more than was budgeted. The District is working with the City of Palm Springs to update the Cooperative Funding Agreement.

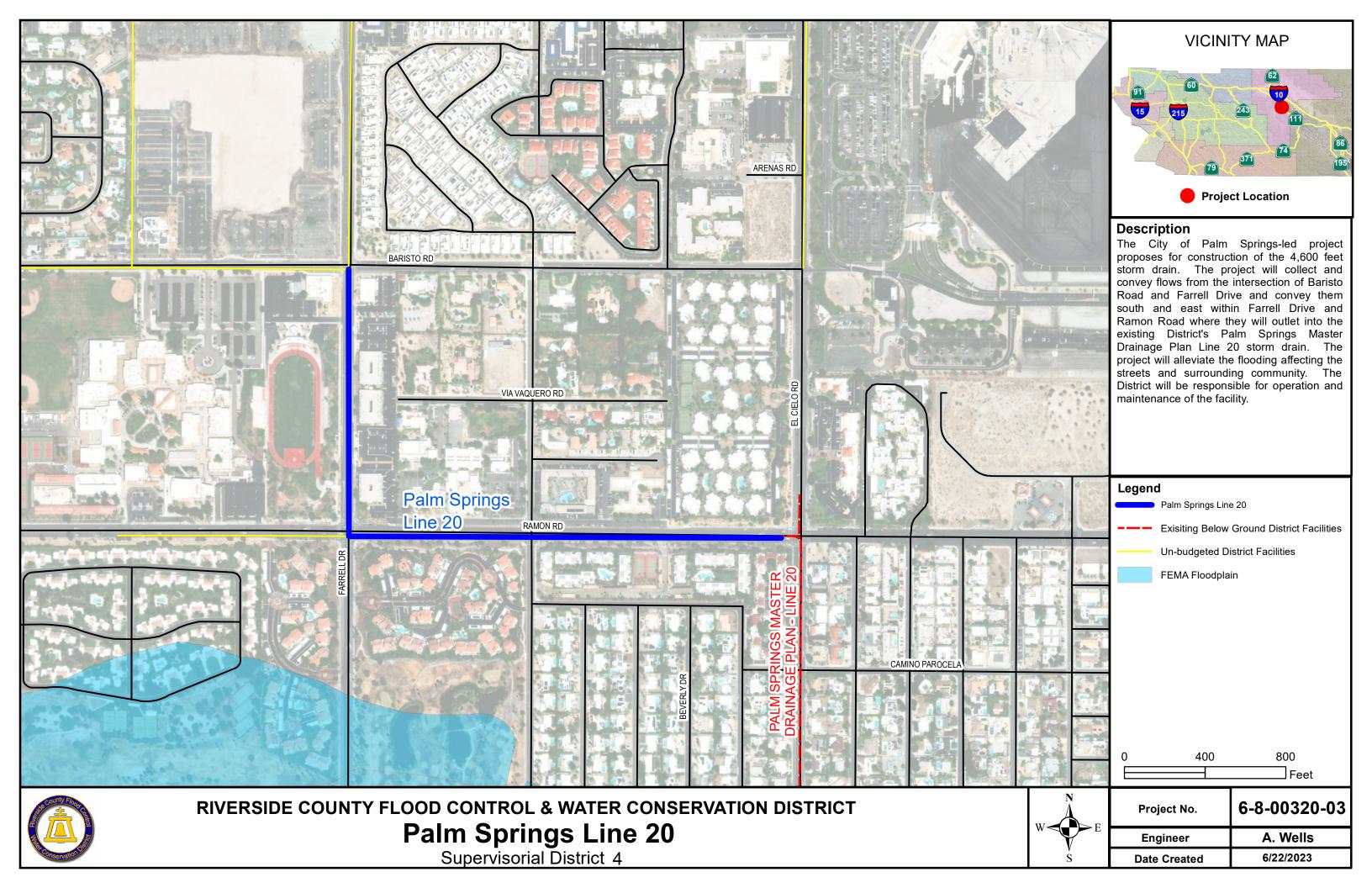
2 253548

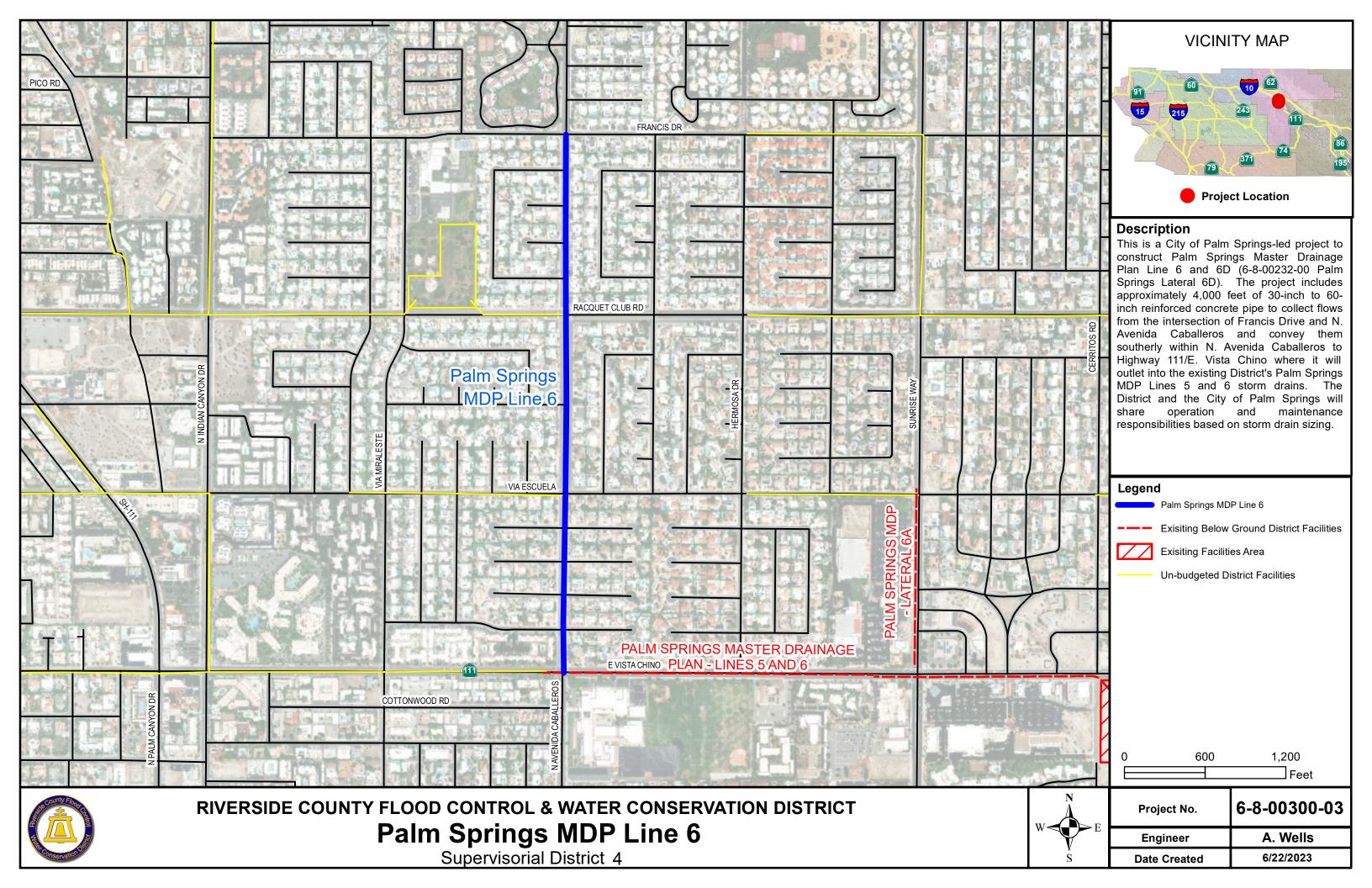












ZONE 6

IVAN SEWELL, 4th District
STEVEN STEWART, 4th District
VACANT, 4th District

The demand for infrastructure generally outpaces available financial resources leaving many unmet needs.

The district must consider public safety above all else, but also strive to develop the most economical project possible consistent with this obligation.

The available fund balance usually makes up the difference if projected revenue does not cover projected appropriations.



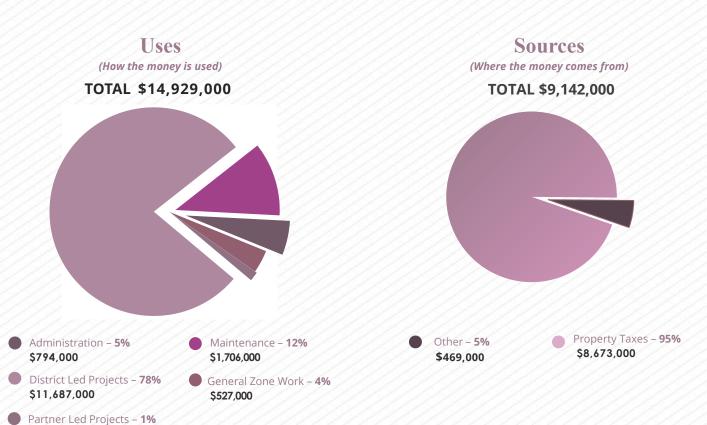
Fund Balance for FY 2022-2023

JUNE 30,2023 \$8,733,942

\$215,000

Property Taxes (5 year trend)





ZONE 6

IVAN SEWELL, 4th District STEVEN STEWART, 4th District VACANT, 4th District

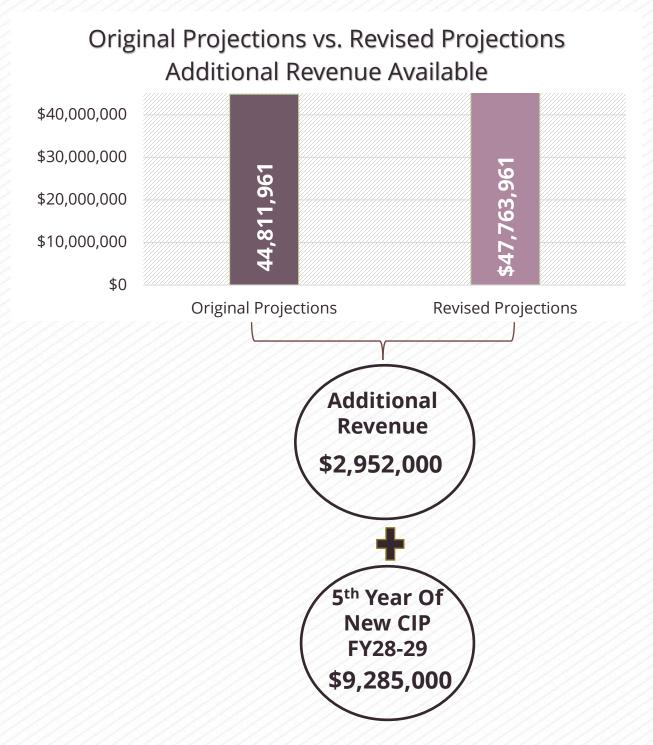
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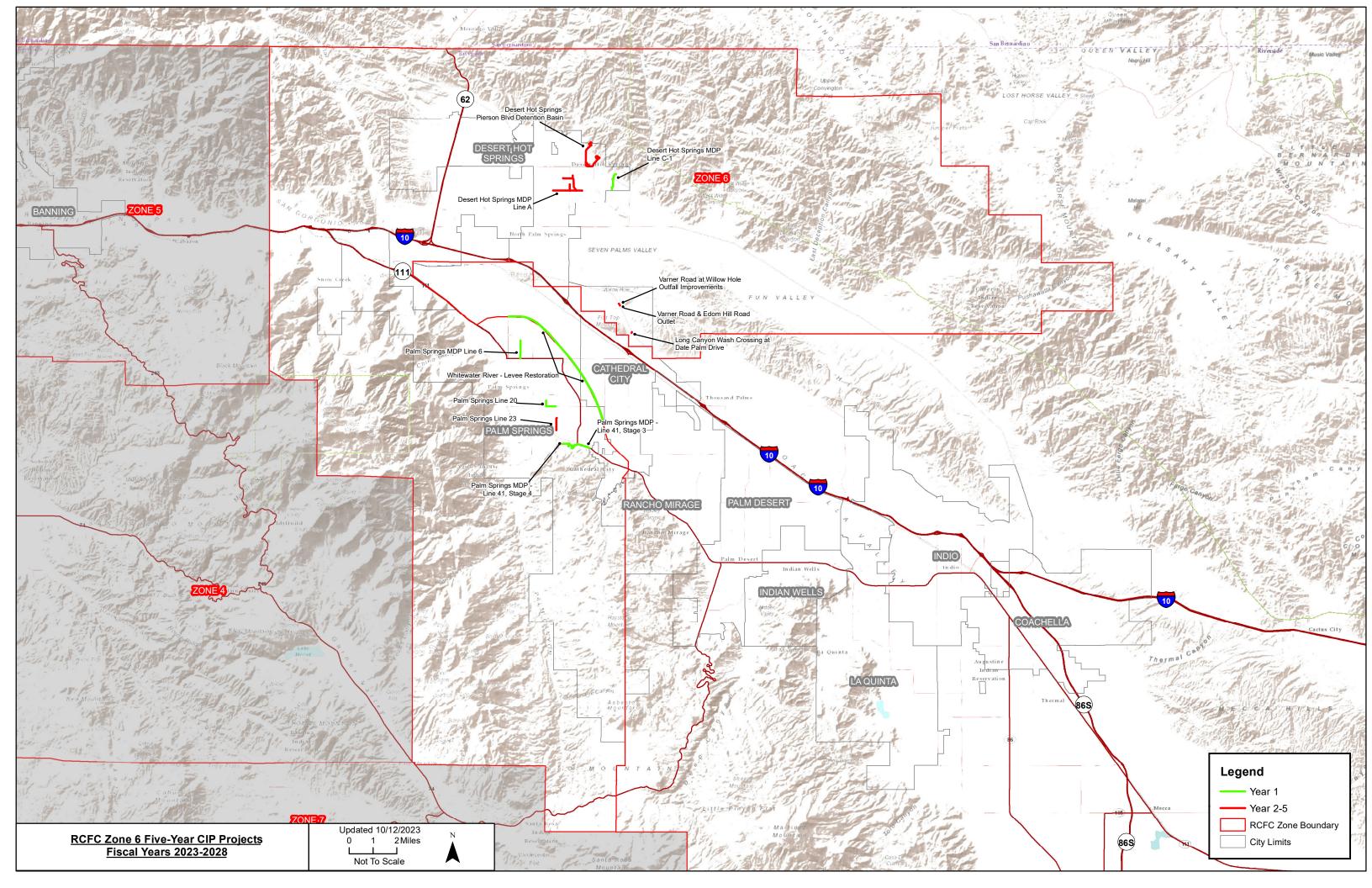
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Forecasting FY24-25 thru FY28-29



Forecasting \$12,237,000 to be Available for Cost Increases on Existing Projects and New Requests



Coachella Valley Tropical Storm Hilary August 20, 2023

2-4" of rain in the valleys 4-13" of rain in mountains

Most Significant Rain:

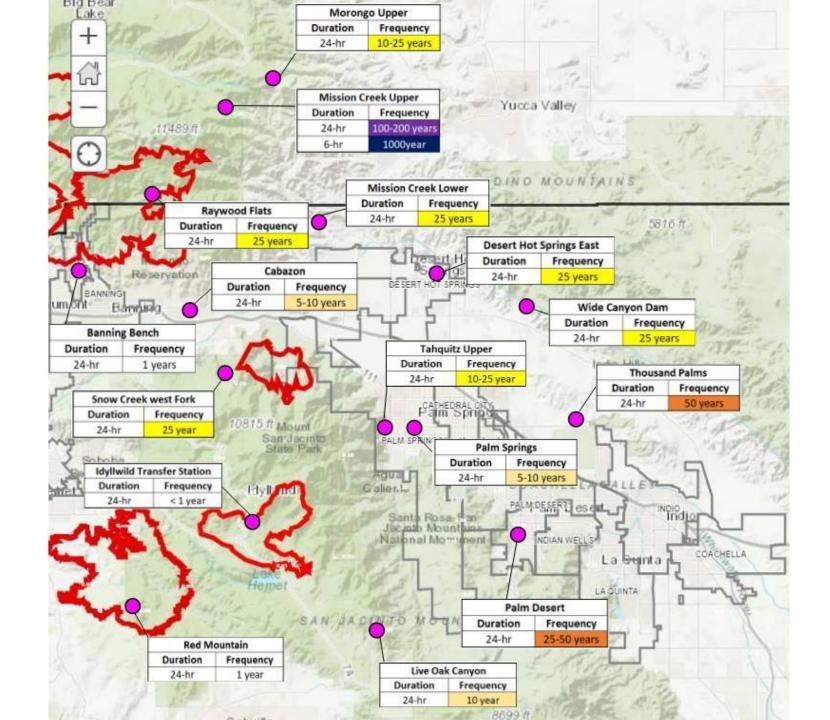
<u>Mission Creek</u>

<u>Upper Whitewater</u>

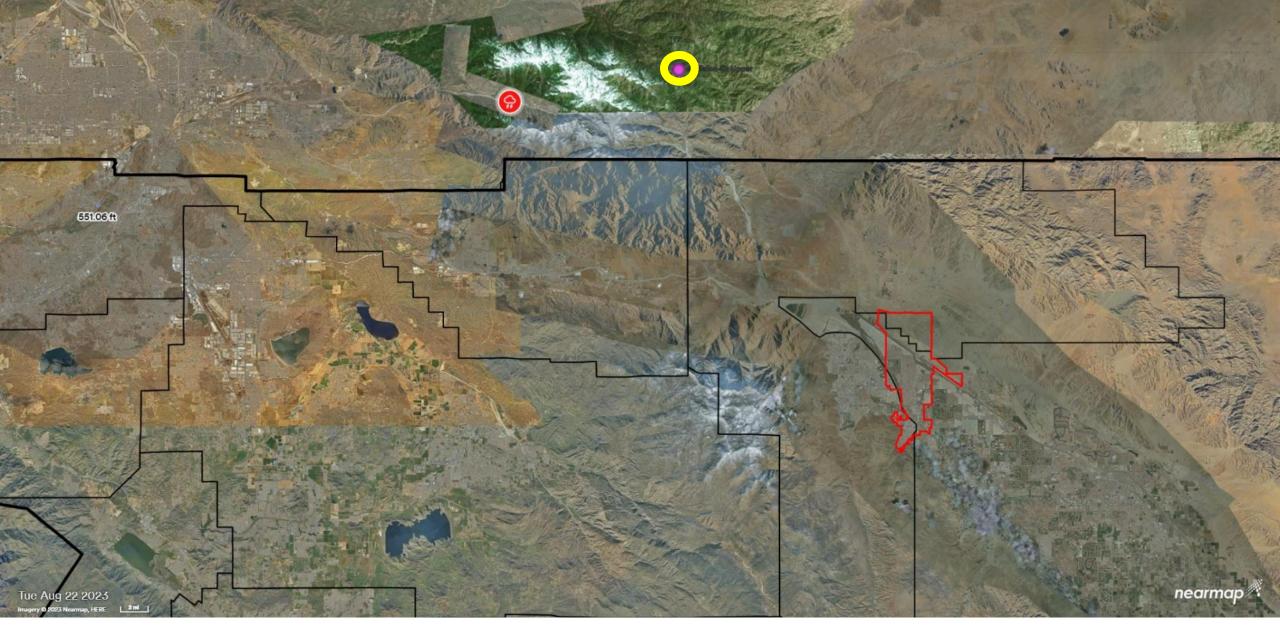
13" of rain total

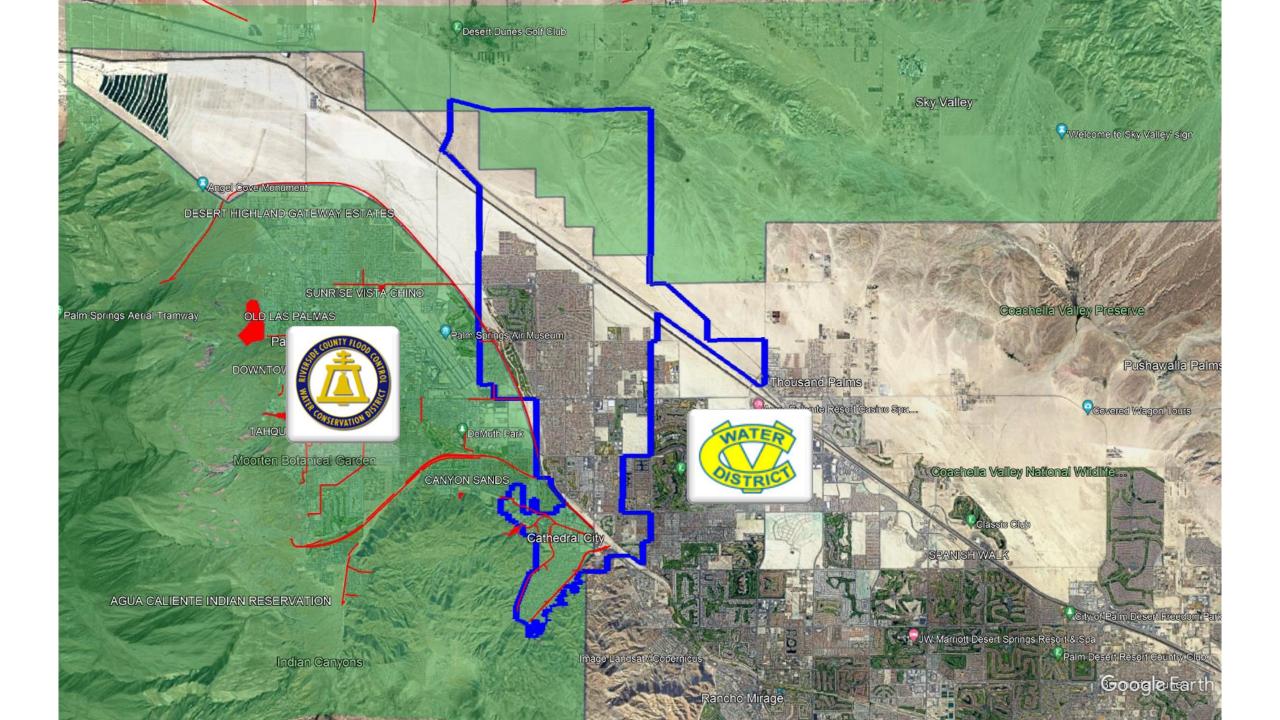
9" in 6 hours

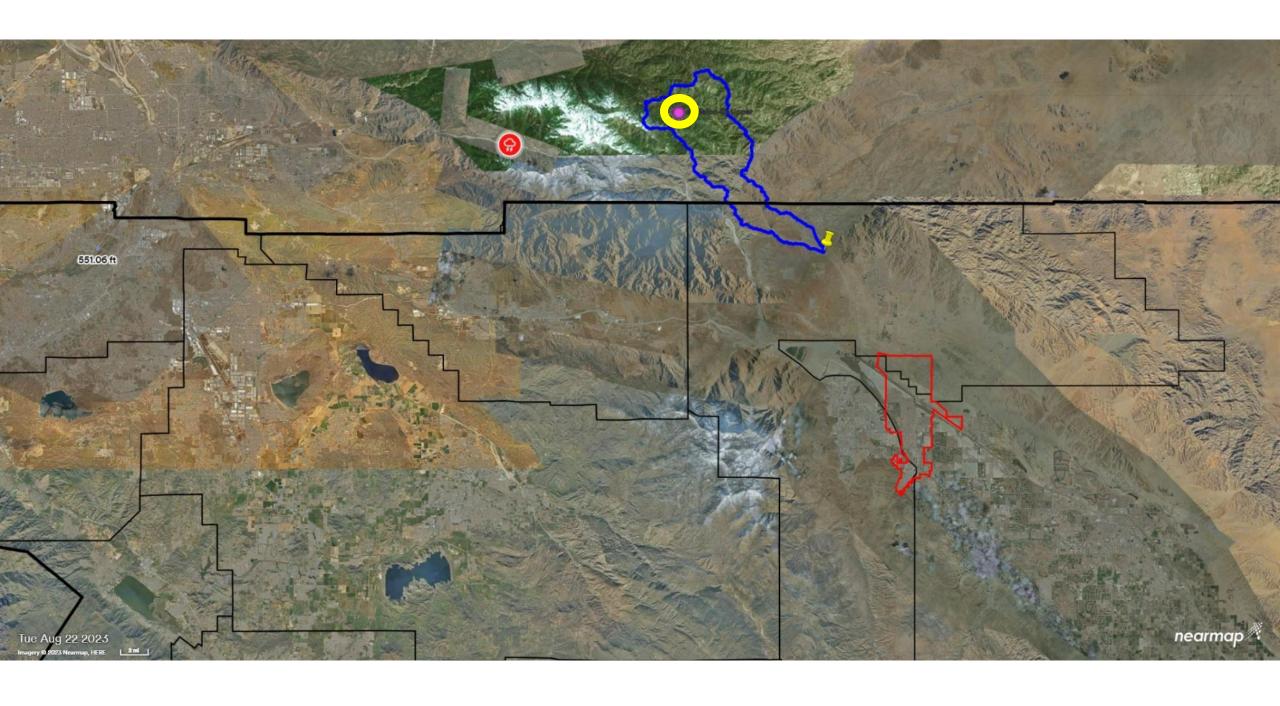
1,000-year storm



Mission Creek – 13" rain – 1,000 Year Event

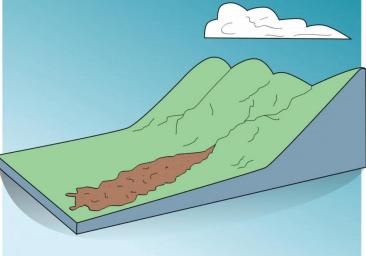






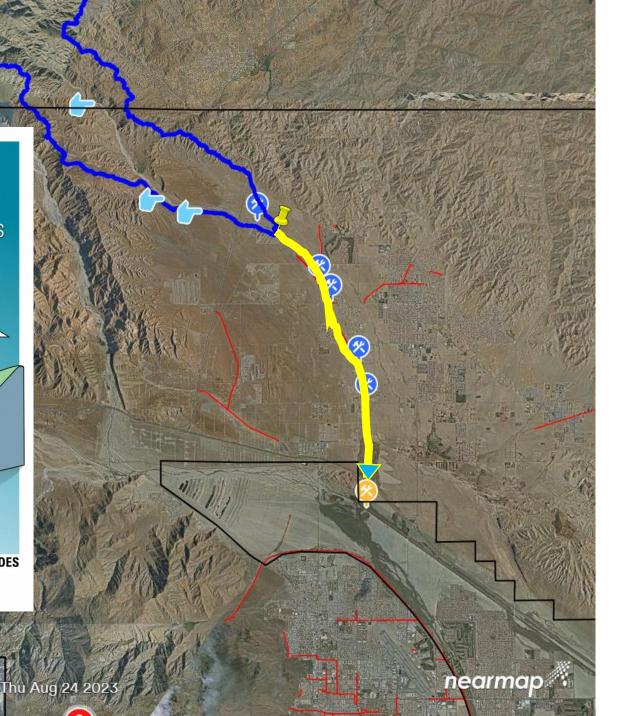
DEBRIS FLOW

Rapidly moving mix of water, mud, trees, and other materials that flows downvalley and can travel great distances.



TYPES OF LANDSLIDES



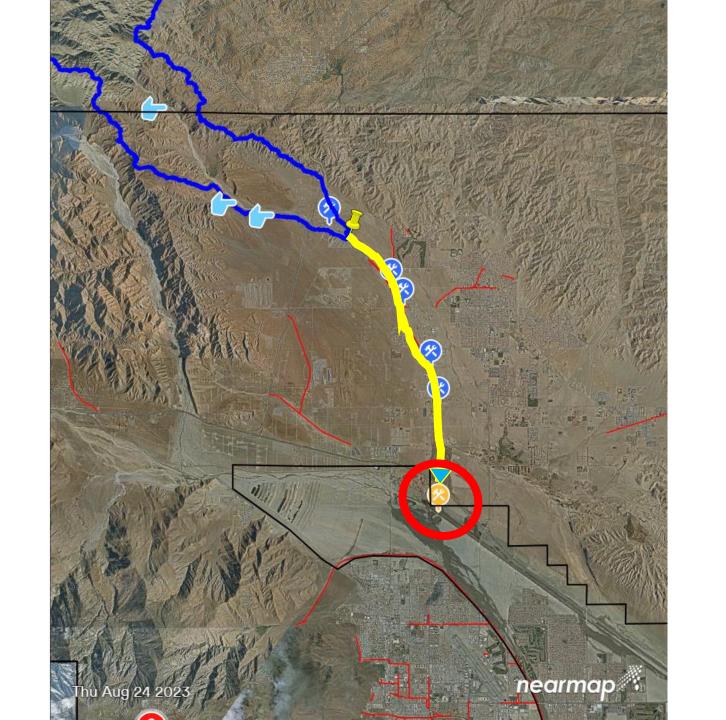


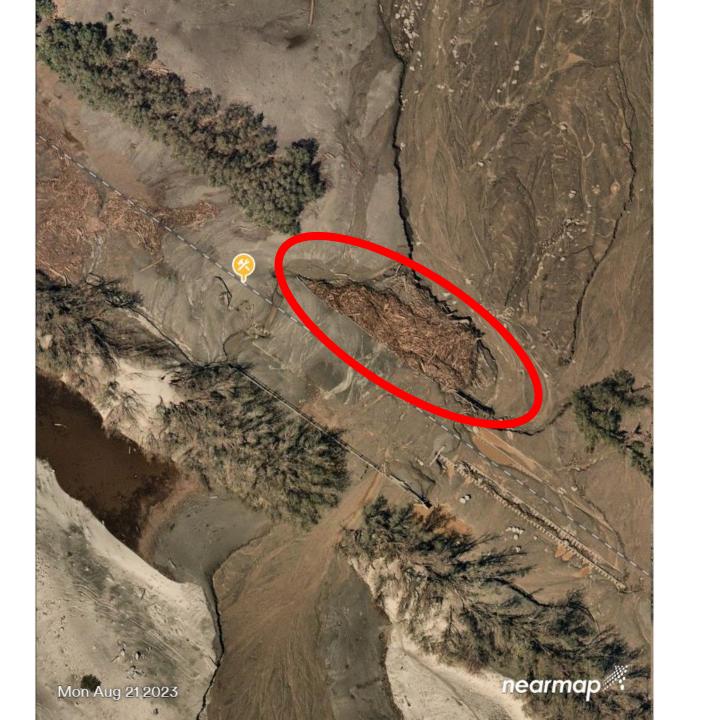
Mission Creek Through Desert Hot Springs







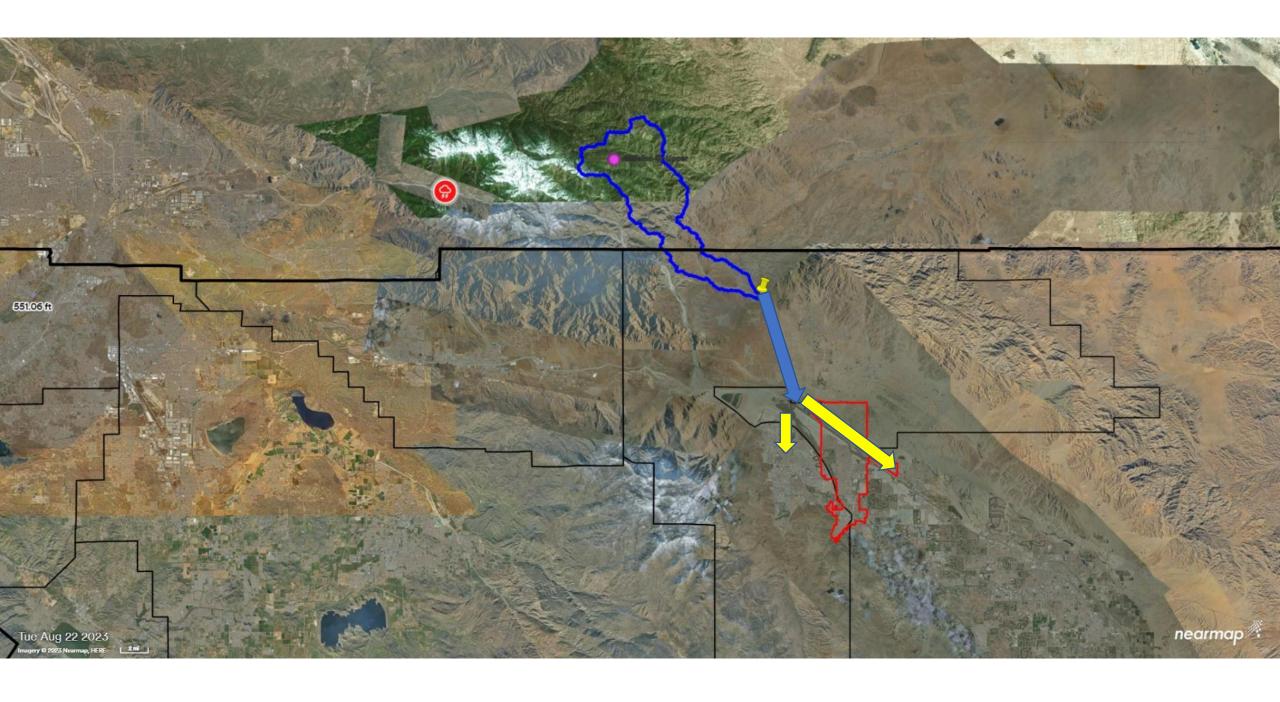




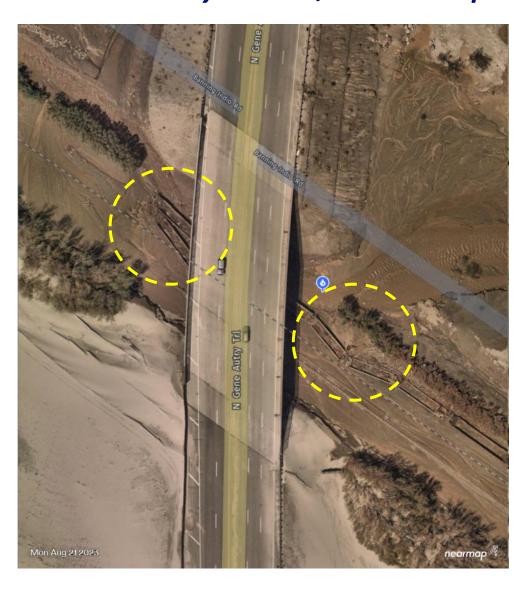
Montecito 2017



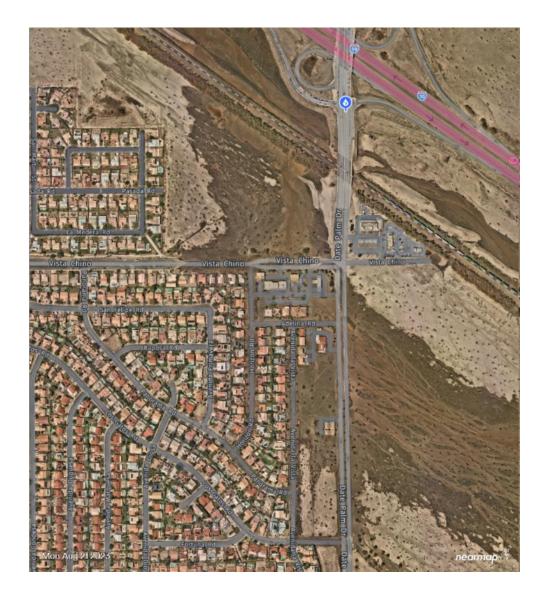
Bridge at creek in Montecito filled with debris from the January 9 deadly rains and mudflow (Photo by Blake Herman/SB County Fire via SBC Fire Info Twitter)



Train Derailments N. Gene Autry Trail, Palm Springs



Cathedral City Date Palm and Vista Chino

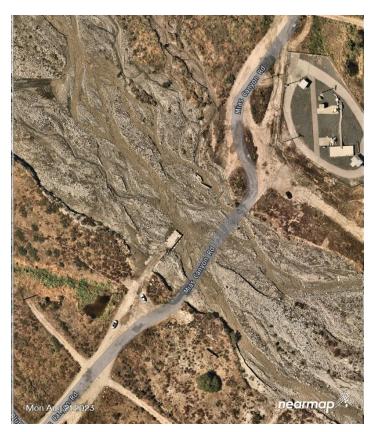




Date Palm and Ramon



San Gorgonio / Whitewater (5-10" of Rain)



Mias Canyon Road @ San Gorgonio River

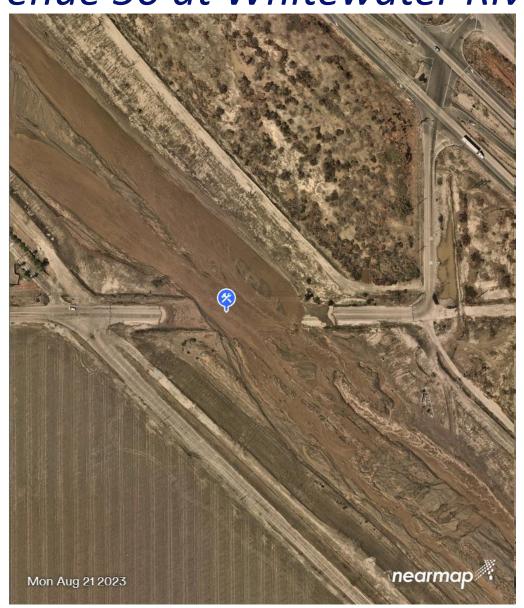


Morongo Road @ San Gorgonio River

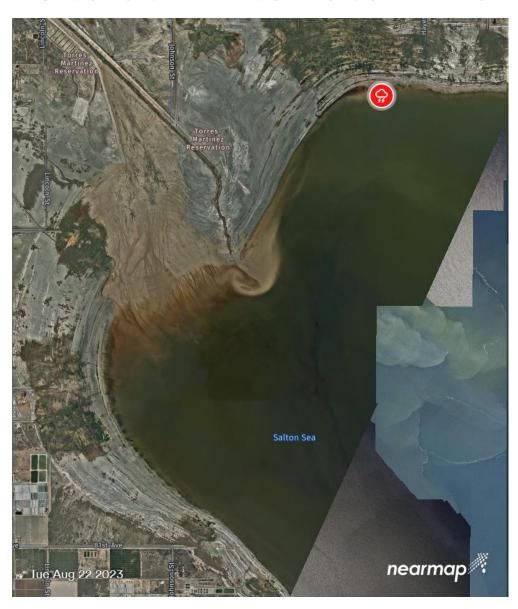


Whitewater Rd Bridge Pier scoured and dropped

Coachella Avenue 50 at Whitewater River



Salton Sea Delta at Whitewater River



Zone 6 Budget Hearing

December 7, 2023



For attendees joining via TEAMS:

- Please keep your microphone muted until called upon.
- Handouts can be accessed from:
 - www.rcflood.org/cip

Flood Control



Storm Drains, Channels, Levees, Dams

Shared Responsibility for Flood Protection



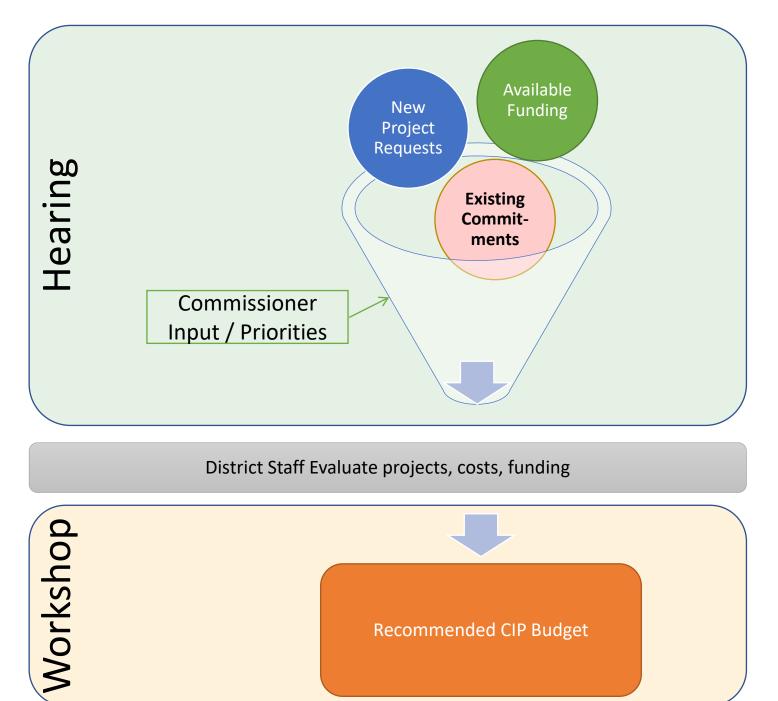




- Riverside County Flood
 - Dams, levees
 - Regional channels and storm drains
- Cities/County
 - Road culverts
 - Smaller storm drains (<=36")
 - Catch basins (roadside inlets)
- Rural Property Owners/HOAs
 - Other drainage infrastructure
 - Natural washes



Hearing New Project Requests





Darrylenn Prudholme-Brockington

Chief of Finance Division

ZONE 6

IVAN SEWELL, 4th District

STEVEN STEWART, 4th District

VACANT, 4th District

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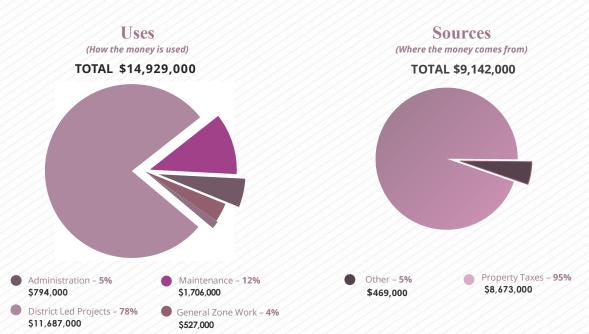


Fund Balance for FY 2022-2023

JULY 1, 2022 \$14,521,128
JUNE 30, 2023 \$8,733,942

Property Taxes (5 year trend)





Partner Led Projects - 1%

\$215,000

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ZONE 6

IVAN SEWELL, 4th District
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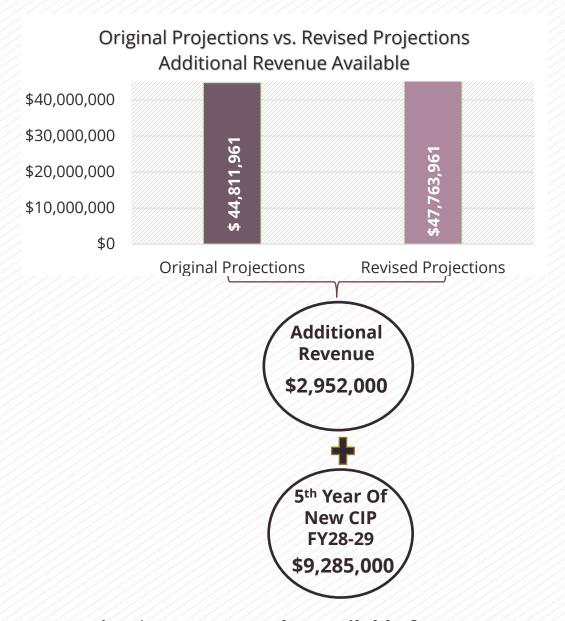
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FY24-25 thru FY28-29



Forecasting \$12,237,000 to be Available for Cost Increases on Existing Projects and New Requests

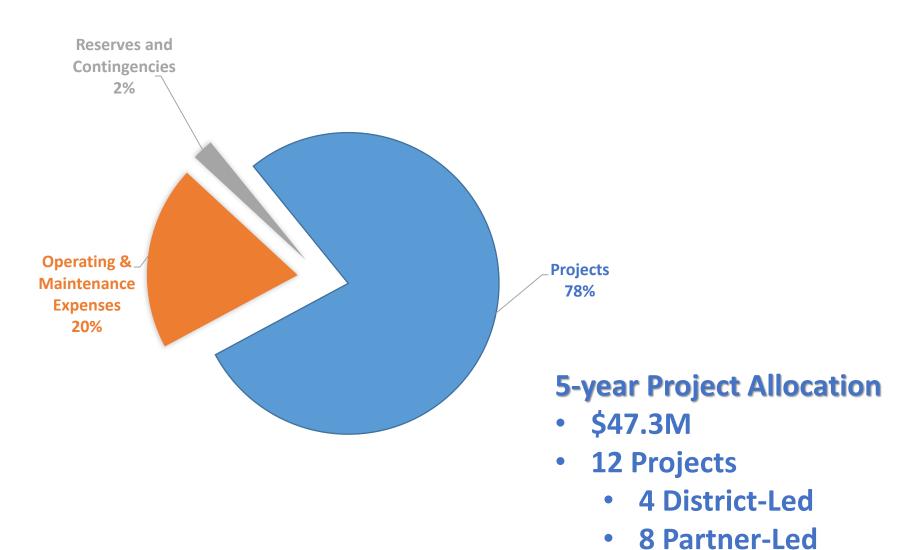


District Projects

Komy Ghods

Chief of Design

5-Year Allocations per CIP



RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DISTRICT LED PROJECT SUMMARY - ZONE 6 FISCAL YEARS 2023-24 THROUGH 2027-28

			Project Cost	Appropri	ations	Fundin	Total NOT		
Project Number	Stg No.	Project Title	Total Remaining Cost	FY 2023-24 Year 1	FY 2025-28 Years 2-5	Tax Revenue	ADP Contribution	External Contribution	District Funded
DESIGN &	CONS	TRUCTION PROJECTS							
6-8-00040	94	PALM CANYON WASH	\$40,000	\$40,000	\$0	\$40,000	\$0	\$3,919,000	\$0
6-8-00160	03	PALM SPRNGS MDP LN 41 STG 3&4	7,152,347	6,827,347	325,000	7,152,347	0	0	0
		DESIGN & CONSTRUCTION PROJECTS	\$7,192,347	\$6,867,347	\$325,000	\$7,192,347	\$0	\$3,919,000	\$0
PLANNING	PRO	JECTS							
6-8-00250	90	WHITEWATER RIVER LEVEE RESTOR	\$1,768,469	\$200,521	\$1,567,948	\$1,768,469	\$0	\$0	\$0
6-8-00230	01	PALM SPRINGS MDP LINE 23	4,058,291	0	4,058,291	4,058,291	0	0	0
		PLANNING PROJECTS	\$5,826,760	\$200,521	\$5,626,239	\$5,826,760	\$0	\$0	\$0
	2	ONE 6 DISTRICT LED PROJECT TOTALS	\$13,019,107	\$7,067,868	\$5,951,239	\$13,019,107	\$0	\$3,919,000	\$0

FIVE-YEAR CIP SUMMARY

FUND BALANCE FURWARD - JULI 1, 2023. \$11,043,320	FUND BALANCE FORWAR	D - JULY 1	, 2023:	\$11,043,328
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REVENUE:

Taxes	\$44,811,961
Interest	\$1,224,169
Rental	\$30,000
Subtotal Revenue	\$46,066,130
FEMA Reimbursement	\$3,919,000
FEMA Reimbursement External Contribution	\$3,919,000 \$0

APPROPRIATIONS:

NDING FUND BALANCE - JUNE 30, 2028:	\$400,000
Total Five Year Appropriations	\$60,628,458
Contingencies	\$856,318
Operating & Maintenance Expenses	\$11,957,833
Capital Project Cost Inflation	\$531,931
Partner Led Project Appropriations	\$34,263,269
District Led Project Appropriations	\$13,019,107

Existing Commitments

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT PARTNER LED PROJECT SUMMARY - ZONE 6 FISCAL YEARS 2023-24 THROUGH 2027-28

			Project Cost	Appropriations				Funding Sources			Total NOT
Project	Stg	Project	Total	FY 2023-24 Year 1 FY 2025-28 Years 2-5		5-Year Total			District		
Number	No.	Title	Remaining Cost	District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	External Contribution	Funded
PARTNER	LED	CONTRIBUTION PROJECTS									
6-6-09012	00	VARNER RD WILLOW HOLE OUTFALL	\$4,069,800	\$0	\$0	\$0	\$790,000	\$790,000	\$0	\$0	(\$3,279,800)
6-6-09016	00	LONG CYN WASH CRSSNG DATE PALM	5,202,600	0	0	0	1,966,500	1,966,500	0	0	(3,236,100)
6-6-09017	00	VARNER RD & EDOM HLL RD OUTFLL	5,306,750	0	0	0	600,000	600,000	0	0	(4,706,750)
	PA	RTNER LED CONTRIBUTION PROJECTS	\$14,579,150	\$0	\$0	\$0	\$3,356,500	\$3,356,500	\$0	\$0	(\$11,222,650)
PARTNER	LED	CAPITAL IMPROVEMENT PROJECTS									
6-8-00034	01	DESERT HOT SPRINGS MDP LN C-1	\$3,991,826	\$100,000	\$760,000	\$91,826	\$3,040,000	\$3,991,826	\$0	\$0	\$0
6-8-00300	03	PALM SPRINGS MDP LINE 6	3,295,742	0	300,000	70,824	2,924,918	3,295,742	0	0	0
6-8-00320	03	PALM SPRINGS LN 20	7,944,712	424,712	7,520,000	0	0	7,944,712	0	0	0
6-8-00036	01	DESERT HOT SPRINGS PIERSON DB	8,918,209	0	0	0	8,918,209	8,918,209	0	0	0
6-8-09014	01	DESERT HOT SPRINGS MDP LINE A	18,648,532	0	0	0	6,756,280	6,756,280	0	0	(11,892,252)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			\$42,799,021	\$524,712	\$8,580,000	\$162,650	\$21,639,407	\$30,906,769	\$0	\$0	(\$11,892,252)
	Z	ONE 6 PARTNER LED PROJECT TOTALS	\$57,378,171	\$524,712	\$8,580,000	\$162,650	\$24,995,907	\$34,263,269	\$0	\$0	(\$23,114,902)

Existing Commitments

Zone 6 Report to the Zone Commissioners

By Jason E. Uhley, General Manager-Chief Engineer November 2023

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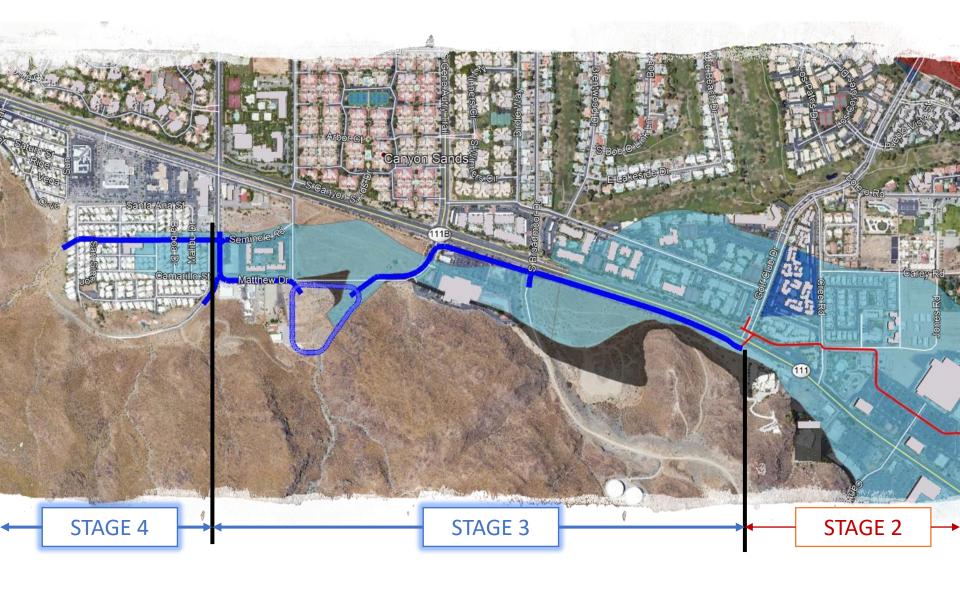
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Construction Projects

Active and Pending



Palm Springs MDP Line 41, Stages 3 & 4





Whitewater Levee Restoration

- New project initiated by District FPM group
- Levee Certification Requirement
- \$1,200,000



Partner Projects

Deborah de Chambeau

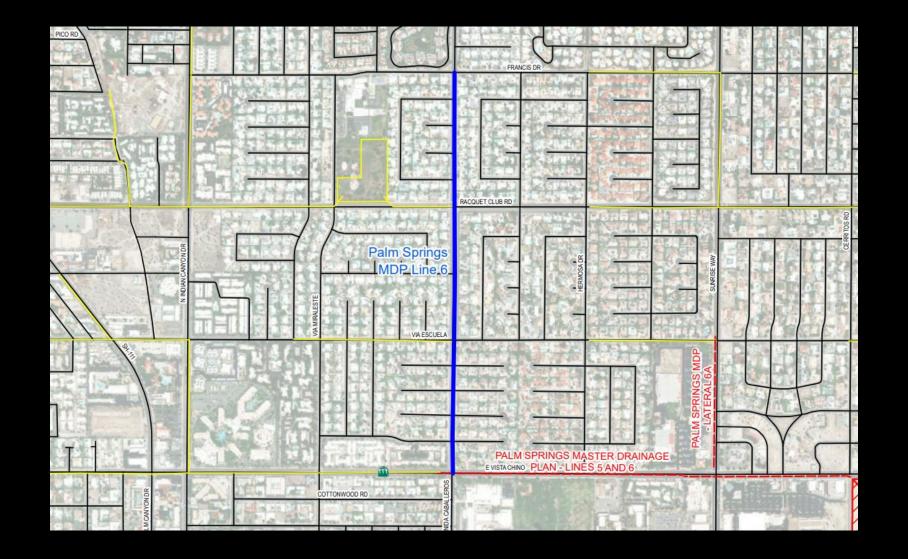
Chief of Planning



- Design Complete
- Construction to begin soon
- Cooperative Funding Agreement being amended

Existing Line 20

Palm Springs Line 20 Stage 3



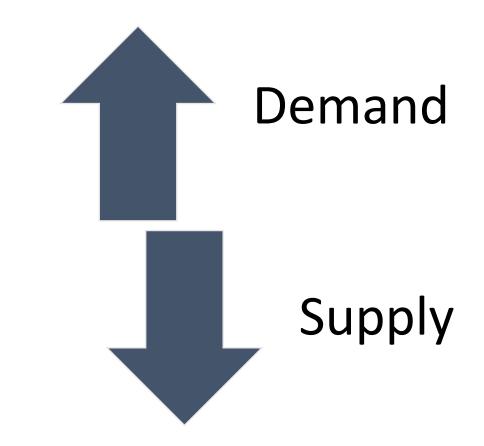
Palm Springs MDP Line 6, Stage 3



Desert Hot Springs Line C-1

Recent Activity and Trends

Recent Issues



- Construction Costs up 30%
- Inflation \$2M
- Emergency Projects \$3M
- PS20 up \$4M



Public Hearing

New Project Requests Received (to date)

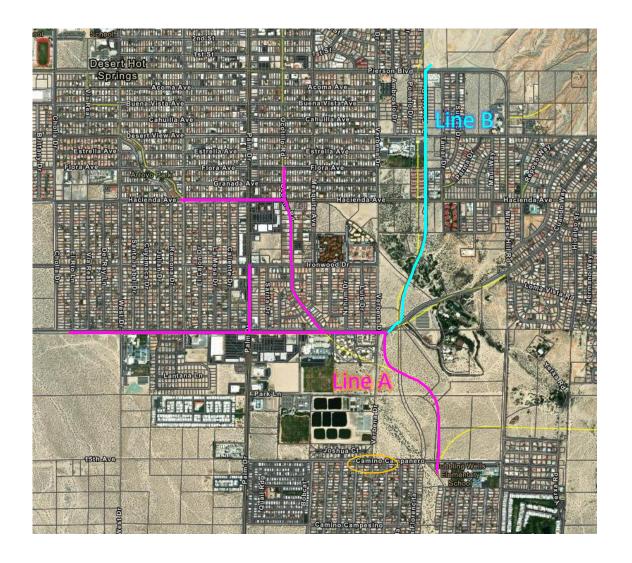
Total: \$8.8M

City of Desert Hot Springs

Desert Hot Springs Line B (+\$8.8M)

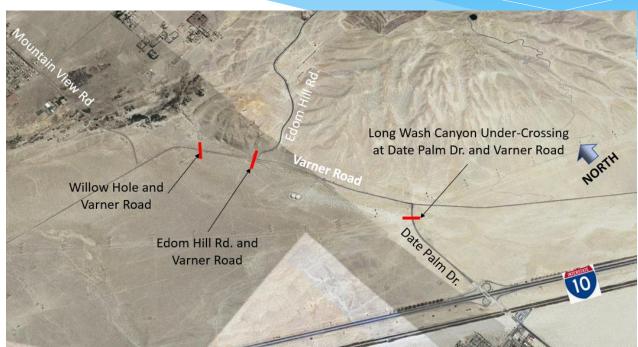
Public

 Desert Hot Springs MDP Line A & Camino Campanero Basin



Desert Hot Springs Line A and B

Zone 6 Budget Hearing Project Solicitation Projects Location





Project # 6-6-09012 VARNER ROAD WILLOW HOLE OUTFALL IMPROVEMENTS.

RCFCD 5-YEAR CIP FY 23/24 TO FY 27/28 - CURRENT ALLOCATION = \$790,000





DiscoverCathedralCity.com

Project # 6-6-09017 VARNER RD. AND EDOM HILL RD. OUTFALL IMPROVEMENTS

RCFCD 5-YEAR CIP FY 23/24 TO FY 27/28 - CURRENT ALLOCATION = \$600,000





Project # 6-6-09016 LONG CANYON WASH UNDER-CROSSING AT DATE PALM DR. AND VARNER RD.

RCFCD 5-YEAR CIP FY 23/24 TO FY 27/28 - CURRENT ALLOCATION = \$1,966,500





Proposed Projects ROAD PROJECTS UNDER DESIGN



Section 1: Date Palm Drive from I-10 to

Varner Road

Section 2: Varner Road from Palm

Drive to Date Palm Drive



Zone 6 Budget Hearing Project Solicitation Projects Location





