

### 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 Capital Improvement Plan (CIP) Budget Hearing at 11:00 a.m. on Thursday, December 5, 2024 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 CIP budget for Fiscal Year 2025-2026.

- 1. Chief Engineer's Report of Zone Activities.
- 2. Receive requests from interested parties for projects for Fiscal Year 2025-2026.
- 3. Oral communication from the audience.

The Public CIP Budget Work Session is set for 11:00 a.m. on Thursday, February 6, 2025 at the Riverside County Flood Control and Water Conservation District office, 1995 Market Street, Riverside. The purpose of the meeting is to present the draft CIP budget for Fiscal Year 2025-2026 for consideration by our Zone Commissioners.

### Zone 6 Report to the Zone Commissioners By Jason E. Uhley, General Manager-Chief Engineer November 2024

The District maintains a 5-year Capital Improvement Plan (CIP) which identifies projects that the District intends to fund over a 5-year period. Information on our overall CIP can be viewed at <a href="https://reflood.org/cip">https://reflood.org/cip</a>.

This report has been prepared by District staff to provide a status update on CIP projects that are either completed or otherwise expected to be active during the current fiscal year.

### **Completed Projects**

These projects were recently completed and will not show on future updates to our 5-year CIP.

### Palm Springs MDP Line 41, Stage 3 and Stage 4 (6-8-00160-03 and 6-8-00160-04)

Stage 3 of the Line 41 system was a District-led project that consisted of approximately 5,450 feet of 30inch 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 was a District-led project that consisted of approximately 1,365 feet of 84inch reinforced concrete pipe located in the Safari Mobile Home Park to collect flows from the hills west of the community and connect to the Stage 3 project at Cherokee Way.

The primary objective of these stages of Line 41 were 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.

Construction was completed and accepted in May 2024. A Letter of Map Revision to remove the FEMA floodplain has been submitted and approval is expected in 2025.

### **Current Construction Projects**

These projects are under construction as of the preparation of this report.

### 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.

Project design is completed with construction expected to be completed by December 2024.

### Active District-Led Projects

This section provides a status update on CIP projects actively worked on by the District during the current fiscal year.

### Zone 6 Report to the Zone Commissioners November 2024

### 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 requiring updating mapping to confirm the changes to the topography. The freeboard deficiencies have been revised based on the new data, and 30% plans are in progress.

### Active Partner-Led Projects

This section provides a status update on CIP projects actively worked on by partner agencies in the current fiscal year.

### 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 inches). 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 project is in the design phase as the project's outlet extent and associated environmental permitting is evaluated.

### Palm Springs MDP Line 6, Stage 3 (6-8-00300-03)

This is a City of Palm Springs (City)-led project to construct Palm Springs Master Drainage Plan Lines 6 and 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 will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District.

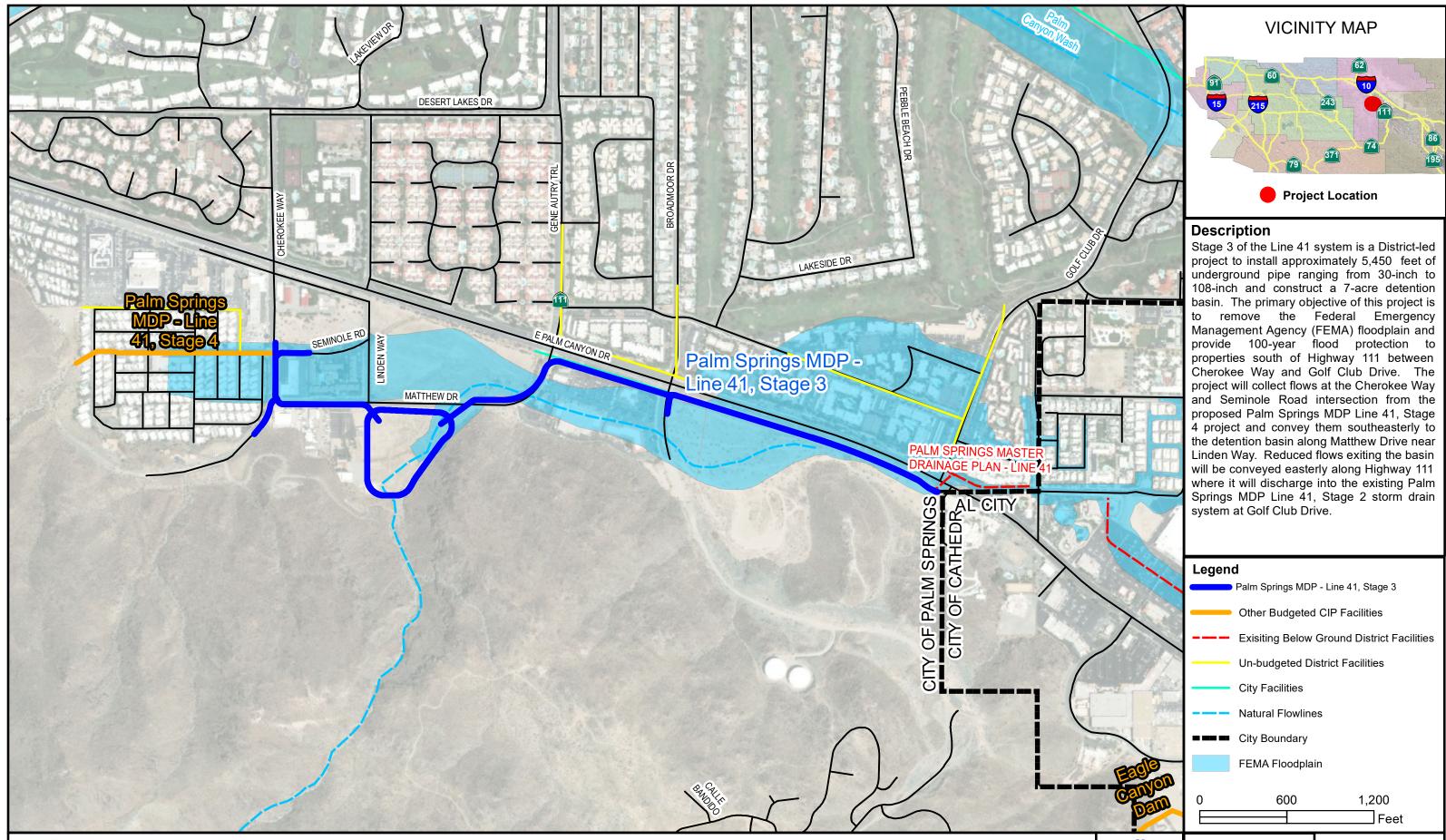
The District is working with the City to draft the cooperative agreement. The City plans to issue a Request for Proposals around December 2024 for project design after the execution of the cooperative agreement.

### Desert Hot Springs MDP Line A, Stage 1 (6-8-09014-01)

This City of Desert Hot Springs (City)-led project will generally collect flows from Hacienda Avenue and convey them toward Two Bunch Palms Trail and Ocotillo Road in a southeasterly direction, reducing flooding within the community and potentially removing the existing Federal Emergency Management Agency (FEMA) mapped floodplain along Ocotillo Road. Exact scope and phasing of this project is being discussed between the District and the City. The District will be responsible for operation and maintenance of the facility. The District has partially funded this project, and as funds become available, the funding will increase.

### Zone 6 Report to the Zone Commissioners November 2024

The District is working with the City to determine and update the scope and extents of this project. The portion of the system requested by the City cannot be completed until an adequate outlet is constructed, which would require Line A to extend further downstream and likely include construction of a detention basin at Camino Campanero.

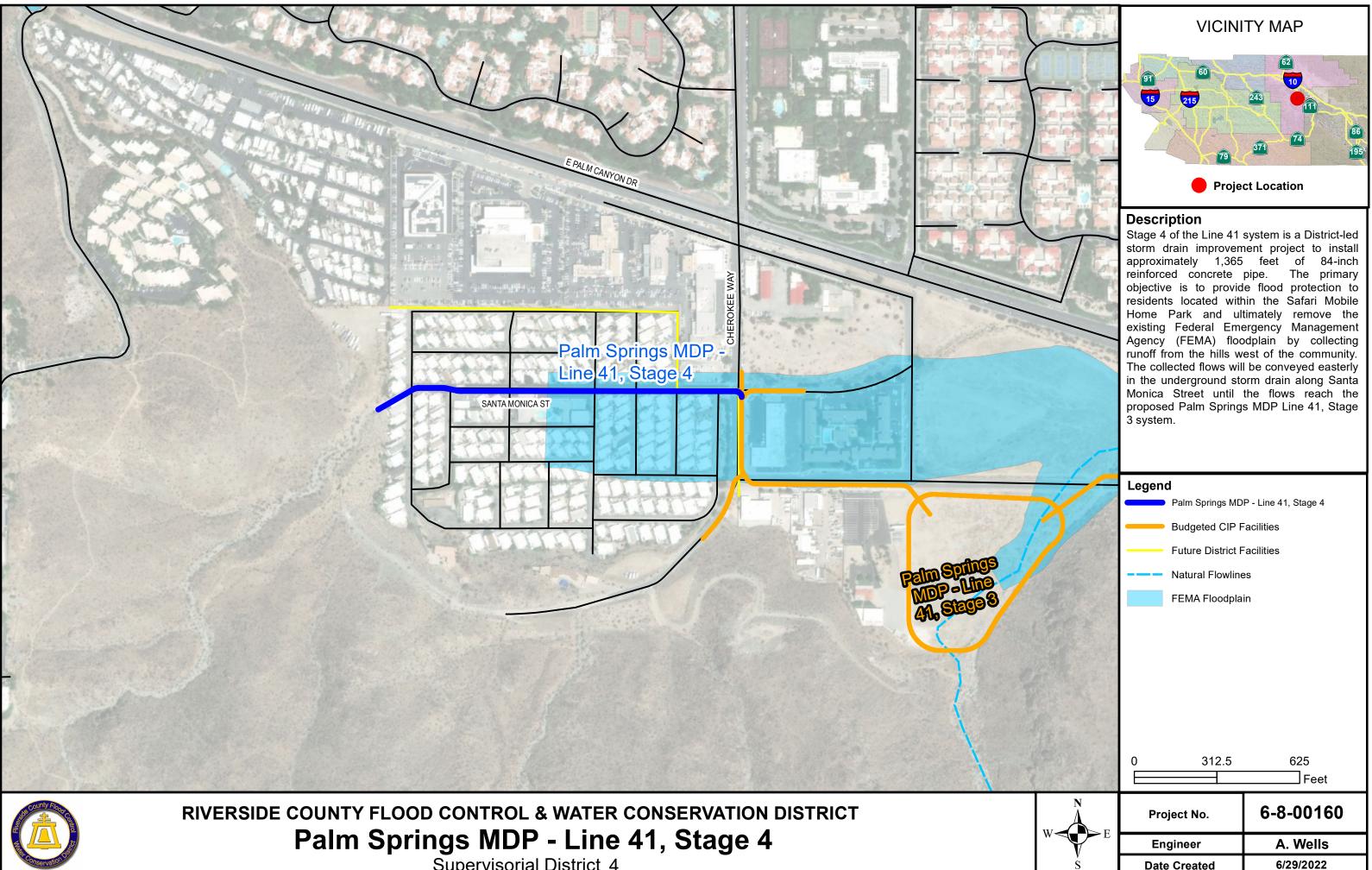


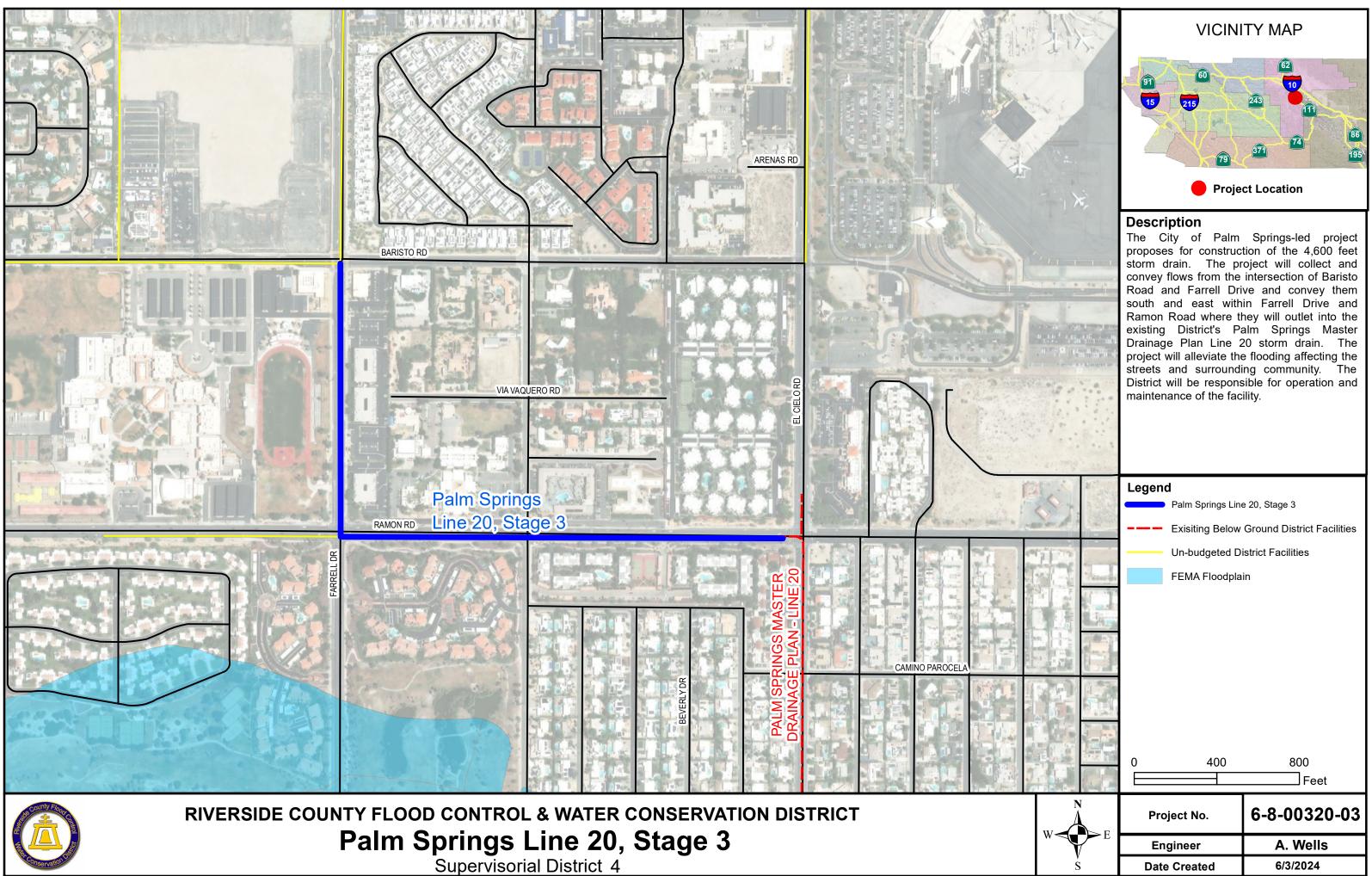
**RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT** Palm Springs MDP - Line 41, Stage 3

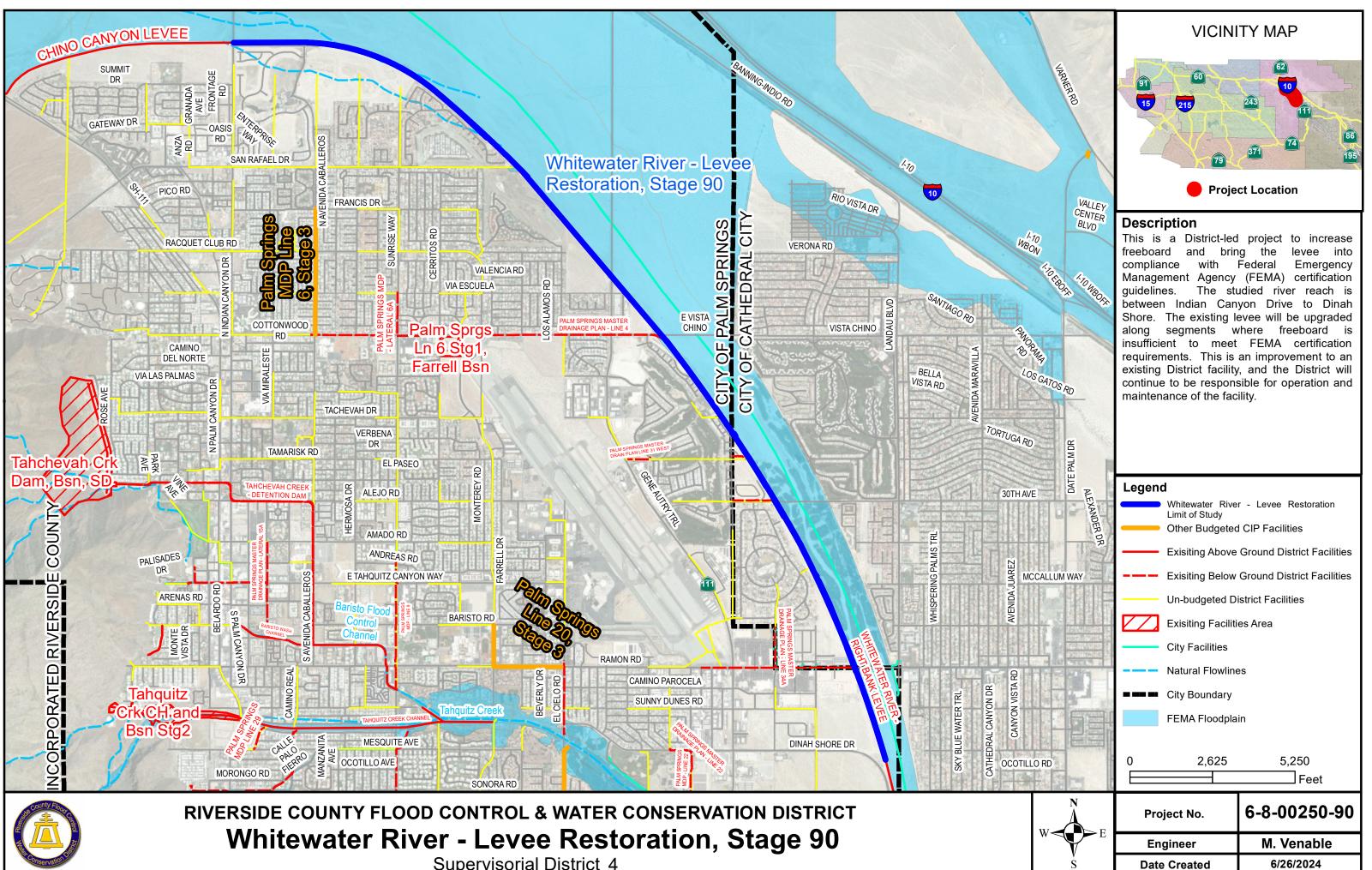
Supervisorial District 4

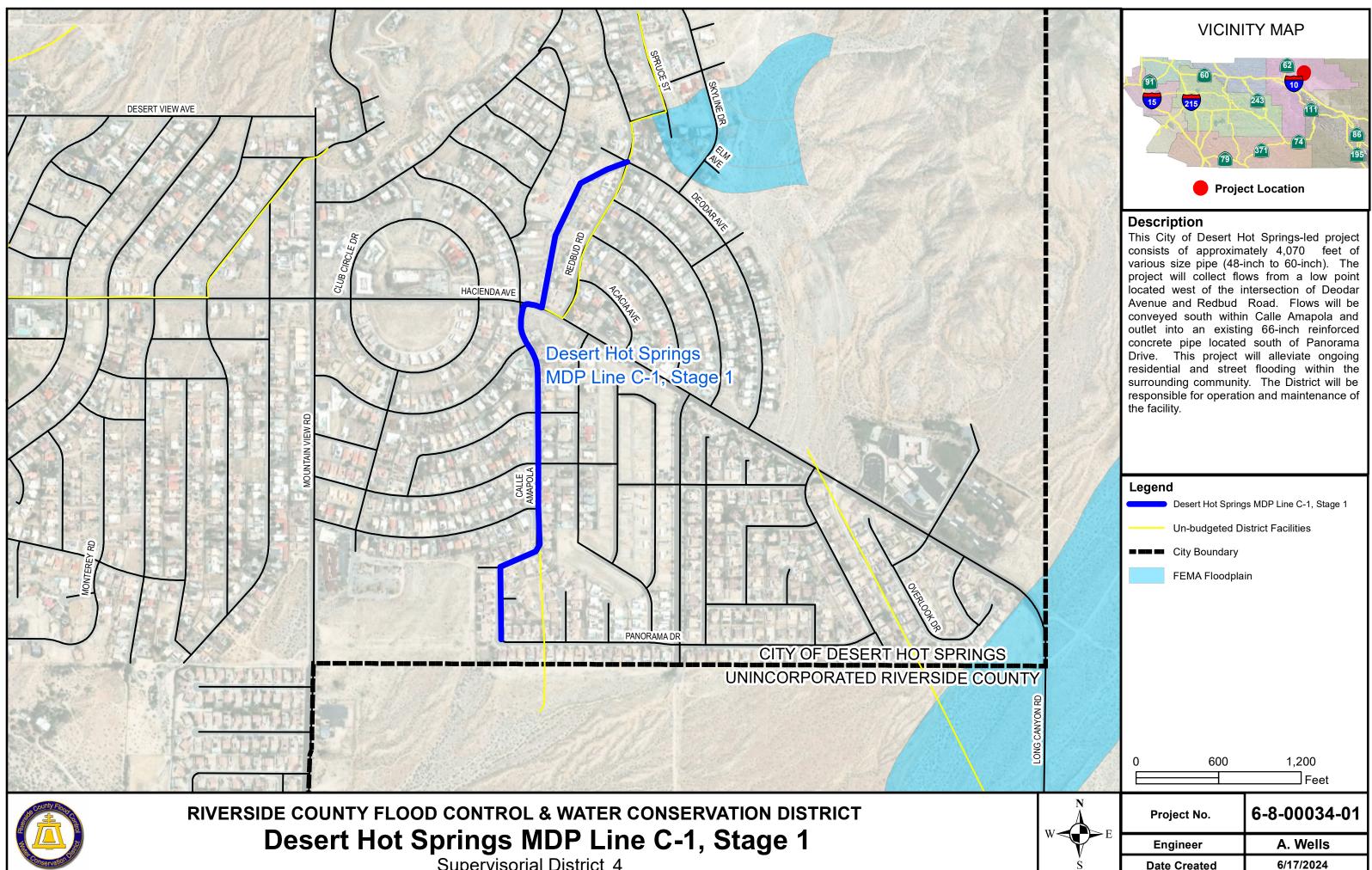
a la caracteria										
	Legend Palm Springs MDP - Line 41, Stage 3									
Act .	Other Budgeted CIP Facilities									
	Exisiting Below Ground District Facilities									
17	Un-budgeted District Facilities									
420	City Facilities									
(Sector)	Natural Flowlines									
UF S	■■■ City Boundary									
10	FEMA Floodplain									
Non	0 600	1,200								
Jenne .		Feet								
5										
	Project No.	6-8-00160								
Ε	Engineer	A. Wells								
5	Date Created	6/29/2022								

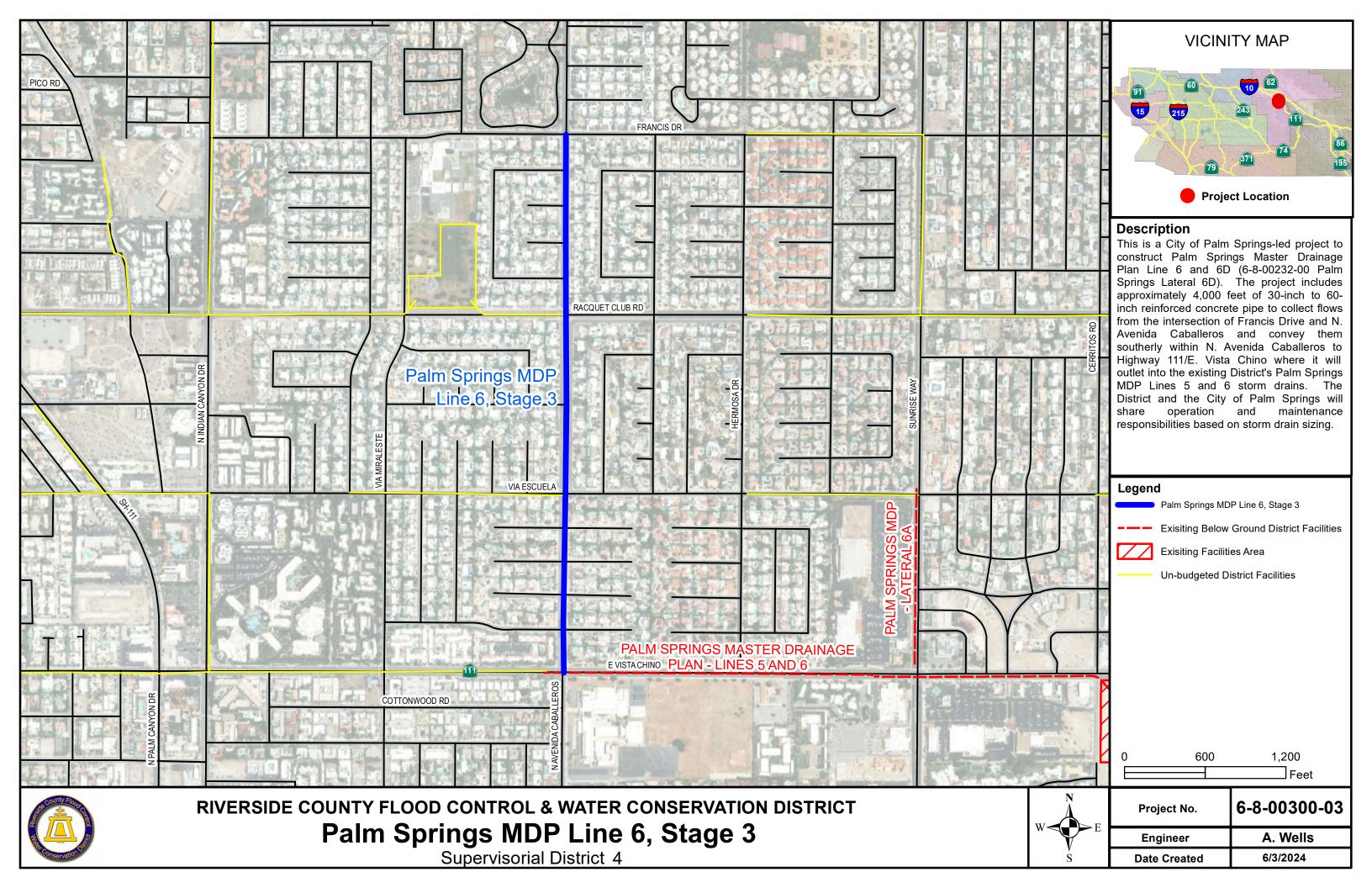
W<

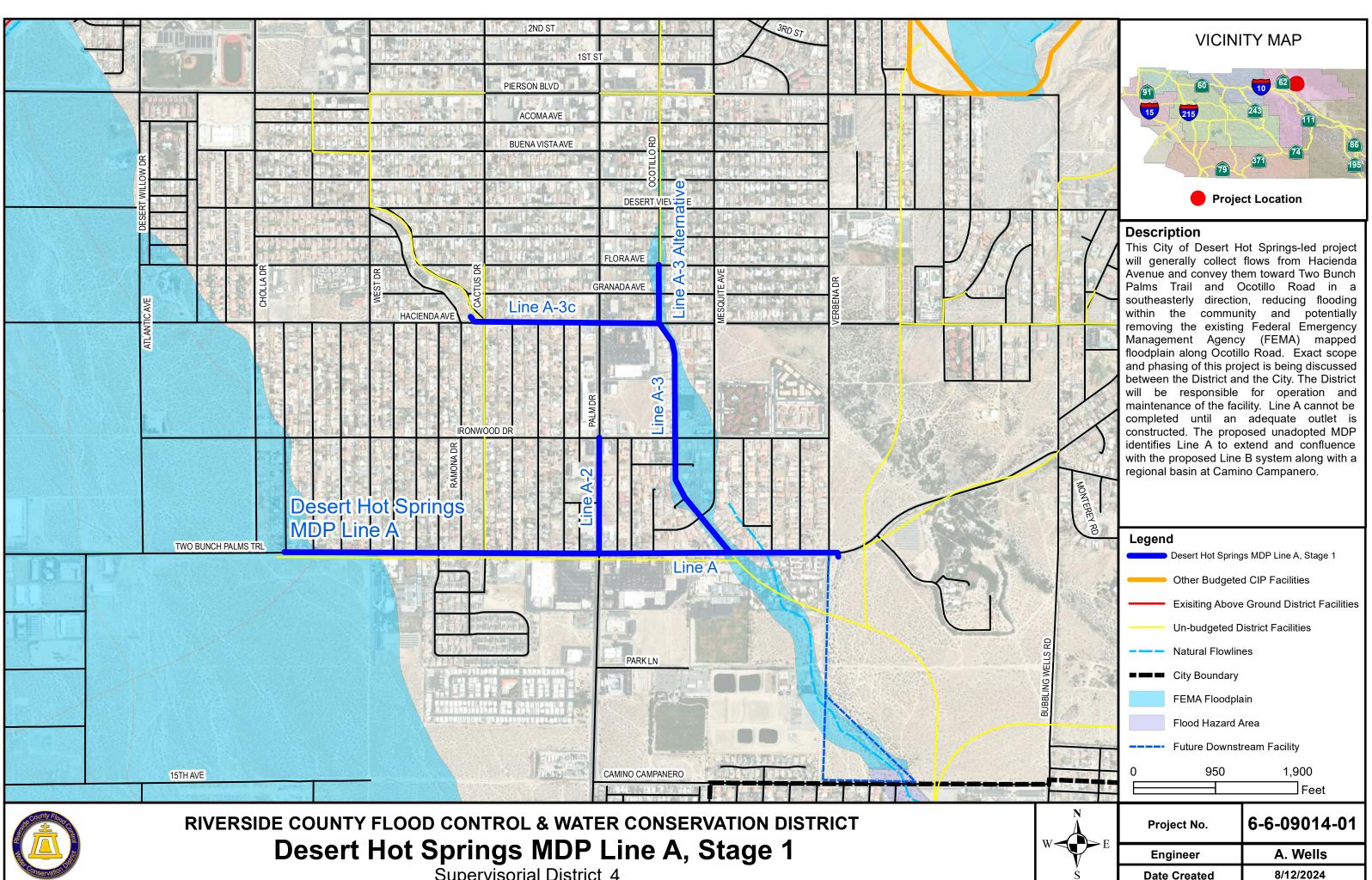












# ZONE 6

IVAN SEWELL, 4<sup>th</sup> District STEVEN STEWART, 4<sup>th</sup> District VACANT, 4<sup>th</sup> 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.

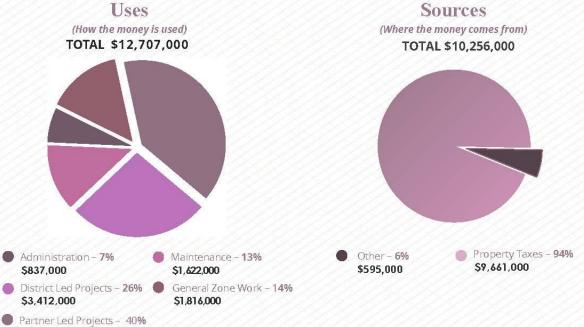


Fund Balance for FY 2023-2024

JULY 1, 2023 \$8,733,942 JUNE 30,2024 \$6,283,382







\$5,020,000

# ZONE 6

IVAN SEWELL, 4<sup>th</sup> District STEVEN STEWART, 4<sup>th</sup> District VACANT, 4<sup>th</sup> District

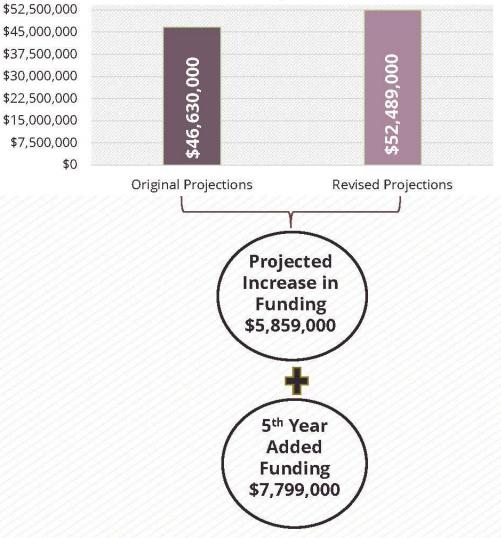
The demand for infrastructure generally outpaces available financial resources leaving many unmet needs.

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

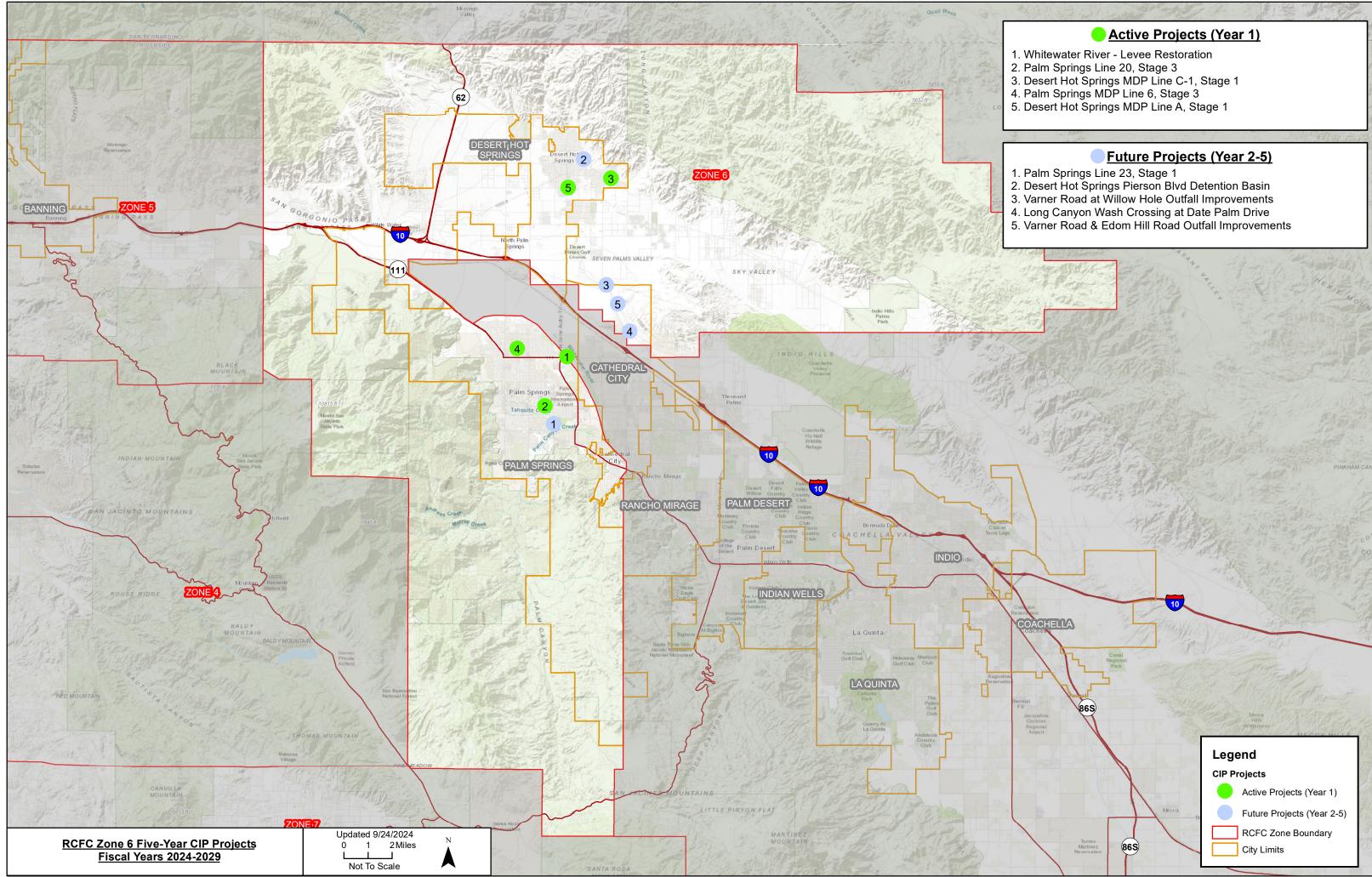
The available fund balance usually makes up the difference if projected revenue does not cover projected appropriations.



### Original Projections vs. Revised Projections Additional Funding Available



Forecasting \$13,658,000 funding to be Available for Cost Increases on Existing Projects and New Requests



## Zone 6 CIP Budget Hearing December 5, 2024



### For attendees joining via TEAMS:

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

## **Flood Control**



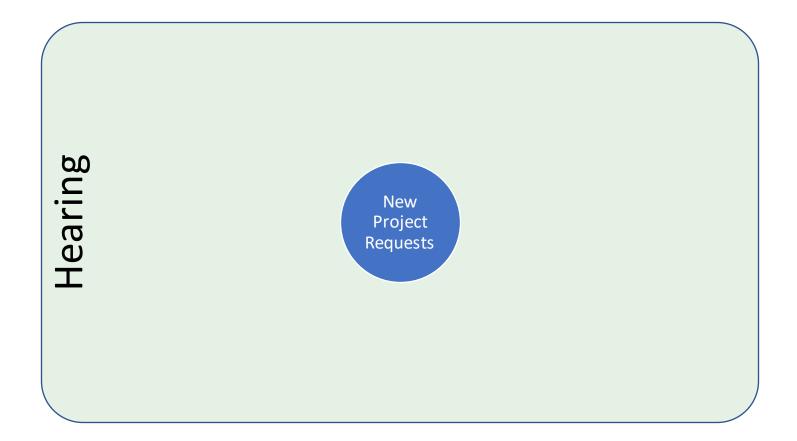
### Storm Drains, Channels, Levees, Dams

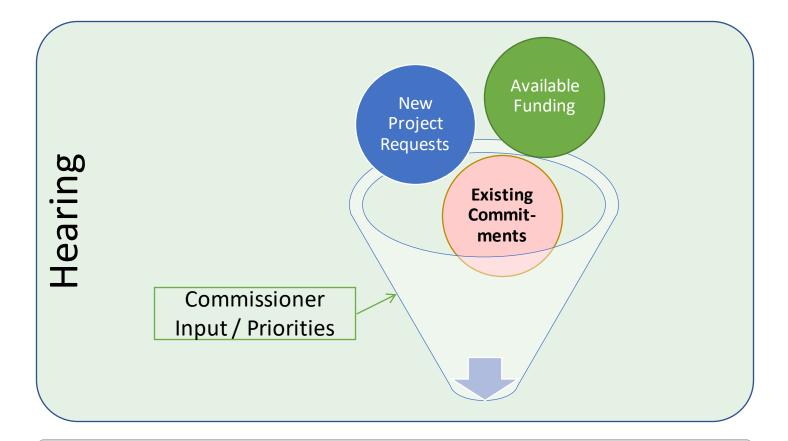
## Shared Responsibility for Flood Protection



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







District Staff Evaluate projects, costs, funding





## **Darrylenn Prudholme-Brockington**

Chief of Finance Division

# ZONE 6

IVAN SEWELL, 4<sup>th</sup> District STEVEN STEWART, 4<sup>th</sup> District VACANT, 4<sup>th</sup> 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.

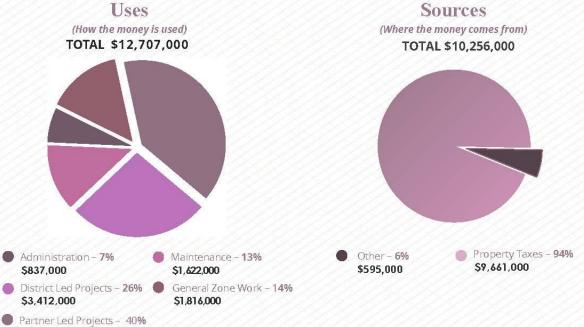


Fund Balance for FY 2023-2024

JULY 1, 2023 \$8,733,942 JUNE 30,2024 \$6,283,382







\$5,020,000

# ZONE 6

IVAN SEWELL, 4<sup>th</sup> District STEVEN STEWART, 4<sup>th</sup> District VACANT, 4<sup>th</sup> District

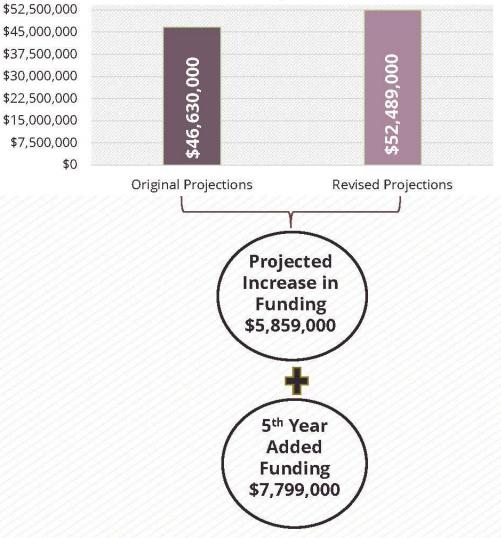
The demand for infrastructure generally outpaces available financial resources leaving many unmet needs.

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.



### Original Projections vs. Revised Projections Additional Funding Available



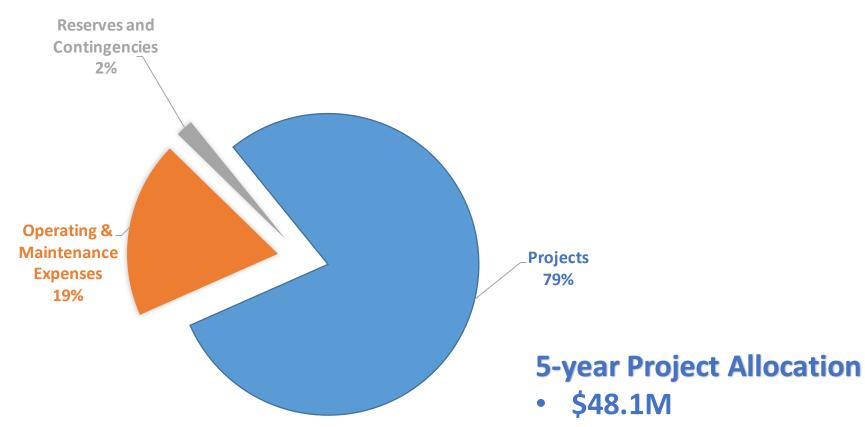
Forecasting \$13,658,000 funding to be Available for Cost Increases on Existing Projects and New Requests



### **District Projects**



## **5-Year Allocations per CIP**



- 11 Projects
  - 3 District-Led
  - 8 Partner-Led

## Existing Commitments

#### RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DISTRICT LED PROJECT SUMMARY - ZONE 6 FISCAL YEARS 2024-25 THROUGH 2028-29

		· · · · · · · · · · · · · · · · · · ·	Project Cost	Appropriations		Funding	Total NOT		
Project Number	Stg No.	Project Title	Total Remaining Cost	FY 2024-25	FY 2026-29	Tax Revenue	ADP Contribution	External Contribution	District Funded
DESIGN & CONSTRUCTION PROJECTS								· · · · · · · · · · · · · · · · · · ·	
6-8-00250	90	WHITEWATER RIVER LEVEE RESTOR	\$665,668	\$558,084	\$107,584	\$665,668	\$0	\$0	\$0
6-8-00040	94	PALM CANYON WASH	0	0	0	0	0	3,919,000	0
DESIGN & CONSTRUCTION PROJECTS		\$665,668	\$558,084	\$107,584	\$665,668	\$0	\$3,919,000	\$0	
PLANNING	PLANNING PROJECTS								
6-8-00230	01	PALM SPRINGS MDP LINE 23	\$5,767,114	\$0	\$4,658,291	\$4,658,291	\$0	\$0	(\$1,108,823)
		PLANNING PROJECTS	\$5,767,114	\$0	\$4,658,291	\$4,658,291	\$0	\$0	(\$1,108,823)
	7	ZONE 6 DISTRICT LED PROJECT TOTALS	\$6,432,782	\$558,084	\$4,765,875	\$5,323,959	\$0	\$3,919,000	(\$1,108,823)

1 - District unfunded balance

2 - Cost share - Funded by third party

### FIVE-YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2024:	\$4,217,615		
REVENUE:		APPROPRIATIONS:	
Taxes	\$52,020,156	District Led Project Appropriations	\$5,323,959
Interest	\$719,667	Partner Led Project Appropriations	\$42,747,537
Rental	\$30,000	Capital Project Cost Inflation	\$159,719
Subtotal Revenue	\$52,769,823	Operating & Maintenance Expenses	\$11,485,620
External Contribution	\$3,919,000	Contingencies	\$975,223
Total Five Year Revenue	\$56,688,823	Total Five Year Appropriations	\$60,692,058
Total Funds Available	\$60,906,438	ENDING FUND BALANCE - JUNE 30, 2029:	\$214,380

## Existing Commitments

#### RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT PARTNER LED PROJECT SUMMARY - ZONE 6 FISCAL YEARS 2024-25 THROUGH 2028-29

			Project Cost	Appropriations			Funding Sources			Total NOT	
Project	Stg	Project	Total	FY 2024-25		FY 2026-29		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	\$5,082,000	\$0	\$0	\$0	\$982,000	\$982,000	\$0	\$0	(\$4,100,000) <sup>2</sup>
6-6-09016	00	LONG CYN WASH CRSSNG DATE PALM	6,504,000	0	0	0	2,459,000	2,459,000	0	0	(4,045,000) <sup>2</sup>
6-6-09017	00	VARNER RD & EDOM HLL RD OUTFLL	6,633,500	0	0	0	750,000	750,000	0	0	(5,883,500) 2
PARTNER LED CONTRIBUTION PROJECTS		\$18,219,500	\$0	\$0	\$0	\$4,191,000	\$4,191,000	\$0	\$0	(\$14,028,500)	
PARTNER	PARTNER LED CAPITAL IMPROVEMENT PROJECTS										
6-8-00034	01	DESERT HOT SPRINGS MDP LN C-1	\$6,533,174	\$91,200	\$5,441,974	\$0	\$1,000,000	\$6,533,174	\$0	\$0	\$0
6-8-00300	03	PALM SPRINGS MDP LINE 6	2,995,116	70,198	292,492	0	2,632,426	2,995,116	0	0	0
6-8-00320	03	PALM SPRINGS LN 20	6,558,952	3,397	4,555,555	0	2,000,000	6,558,952	0	0	0
6-8-09014	01	DESERT HOT SPRINGS MDP LINE A	19,109,475	0	500,000	460,943	12,590,143	13,551,086	0	0	(5,558,389)
6-8-00036	01	DESERT HOT SPRINGS PIERSON DB	\$8,918,209	0	0	0	8,918,209	8,918,209	0	0	0
PARTN	ER L	ED CAPITAL IMPROVEMENT PROJECTS	\$44,114,926	\$164,795	\$10,790,021	\$460,943	\$27,140,778	\$38,556,537	\$0	\$0	(\$5,558,389)
	Z	ONE 6 PARTNER LED PROJECT TOTALS	\$62,334,426	\$164,795	\$10,790,021	\$460,943	\$31,331,778	\$42,747,537	\$0	\$0	(\$19,586,889)

1 - District unfunded balance

2 - Cost share - Funded by third party

### Zone 6

#### Report to the Zone Commissioners By Jason E. Uhley, General Manager-Chief Engineer November 2024

The District maintains a 5-year Capital Improvement Plan (CIP) which identifies projects that the District intends to fund over a 5-year period. Information on our overall CIP can be viewed at <a href="https://reflood.org/cip">https://reflood.org/cip</a>.

This report has been prepared by District staff to provide a status update on CIP projects that are either completed or otherwise expected to be active during the current fiscal year.

### **Completed Projects**

These projects were recently completed and will not show on future updates to our 5-year CIP.

### Palm Springs MDP Line 41, Stage 3 and Stage 4 (6-8-00160-03 and 6-8-00160-04)

Stage 3 of the Line 41 system was a District-led project that consisted of approximately 5,450 feet of 30inch 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 was a District-led project that consisted of approximately 1,365 feet of 84inch reinforced concrete pipe located in the Safari Mobile Home Park to collect flows from the hills west of the community and connect to the Stage 3 project at Cherokee Way.

The primary objective of these stages of Line 41 were 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.

Construction was completed and accepted in May 2024. A Letter of Map Revision to remove the FEMA floodplain has been submitted and approval is expected in 2025.

### Current Construction Projects

These projects are under construction as of the preparation of this report.

### 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.

Project design is completed with construction expected to be completed by December 2024.

# Active Projects

**Design and Construction** 



## Palm Springs MDP Line 41, Stages 3 & 4 COMPLETE





Whitewater Levee Restoration

- New project initiated by District FPM group
- Levee Certification Requirement
- \$840,000



### **Partner Projects**

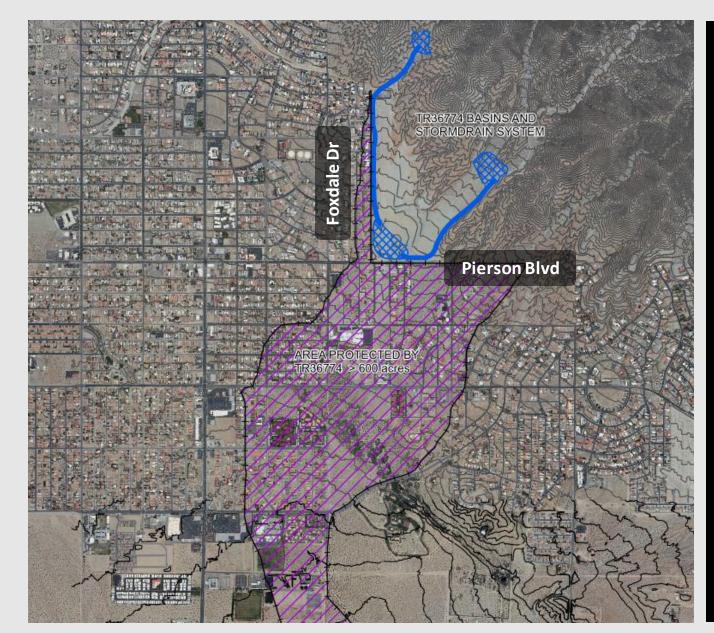
## **Rohini S Mustafa**

Chief of Planning

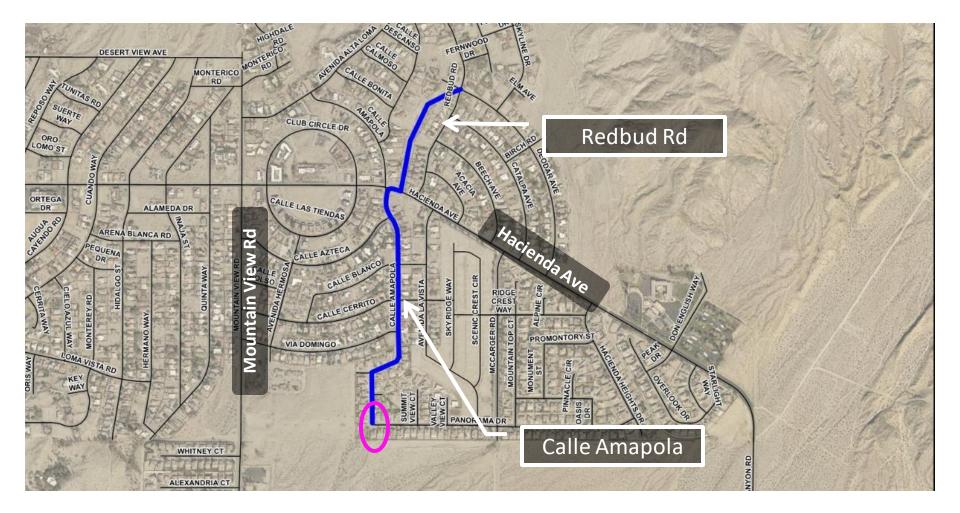


## Palm Springs Line 20 Stage 3 | \$6.9 M





Desert Hot Springs Pierson Blvd | \$8.9M



## Desert Hot Springs Line C-1 | \$6.5M



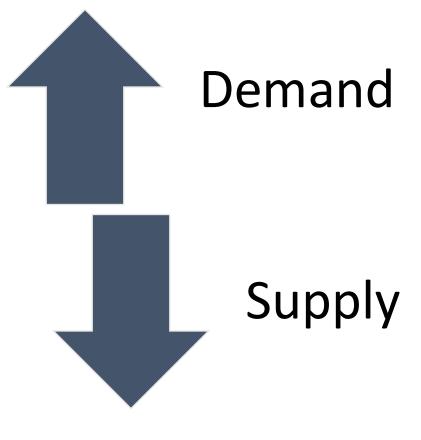
## Desert Hot Springs Line C-1 | Additional \$2M needed

**Desert Hot** Springs Line A Camino Campanero Basin





# Recent Activity and Trends



### Construction Costs

8-10% increase | Inflation is stabilizing

Additional Funding Requests *(to date) \$47M* 

Available Funding \$13.6M

District	Desert Hot Springs	Palm Springs	Cathedral City
Palm Springs MDP Line 23	Camino Campanero Basin (Swap \$13M funds from DHS Line A)	MDP Update (New)	Varner Rd Morongo Wash (New)
\$1.4M - Yes	\$0 - Yes	\$375K – Defer until NOAA 15, consider if City takes lead	\$6.2M Request later
Bogert Trail Rd Restoration (New)	DHS Line C-1	PS MDP Line 21 (New)	
\$8.9M - Yes	\$2M - Yes	\$3M – Follow up	
		PS MDP Lines 11 & 13 (New)	
		\$26.5M - No	



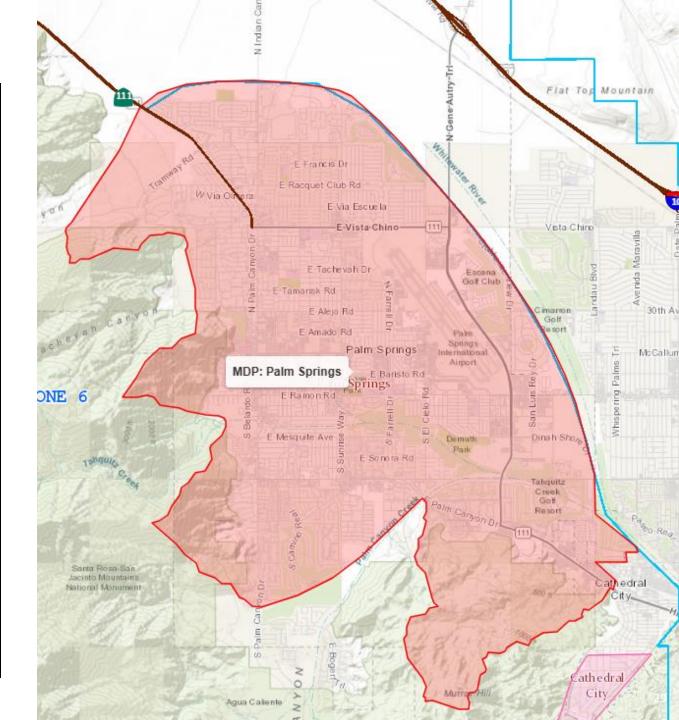


### Palm Canyon Wash – Bogert Trail Restoration Project | \$8.9M

- Up to 3 feet of exposed slope protection.
- Project needed to prevent future compromise.

# City of Palm Springs MDP Update

\$375K



# Palm Springs MDP Line 21 | \$3M





# Palm Springs MDP Lines 11 & 13 | \$26.5M





### Varner Road Morongo Wash Crossing | \$6.2M



## **Riverside County Flood Control And Water Conservation District**

### 5-year Capital Improvement Plan Zone 6 Budget Hearing

### **City of Cathedral City**

December 5, 2024



# **Projects**

- 1. Willow Hole Outfall Improvements at Varner Road (CIP FY24/25)
- 2. Long Canyon Wash Drainage Crossing at Date Palm Dr. (CIP FY24/25)
- 3. Edom Hill Outfall Improvements at Varner Road (CIP FY24/25)
- 4. Morongo Wash Crossing Improvements at Varner Road (CIP FY 25/26)



# **Projects Location**





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



RCFCD 5-YEAR CIP FY 24/25 THROUGH FY 28/29 CURRENT ALLOCATION = \$982,000



Program Funds for Construction - FY 2029-2030



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



#### RCFCD 5-YEAR CIP FY 24/25 THROUGH FY 28/29 CURRENT ALLOCATION = \$2,459,000



Program Funds for Construction - FY 2027-2028



### Project # 6-6-09017 EDOM HILL OUTFALL IMPROVEMENTS at VARNER ROAD



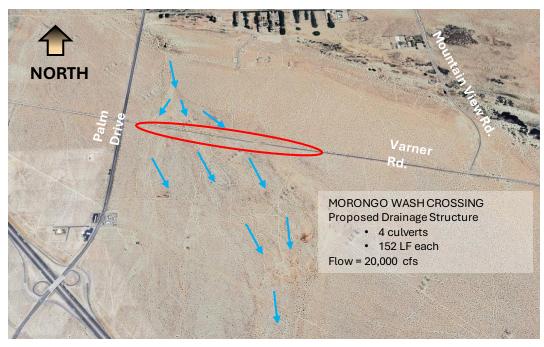
### RCFCD 5-YEAR CIP FY 24/25 THROUGH FY 28/29 CURRENT ALLOCATION = \$750,000



Program Funds for Construction - FY 2029-2030

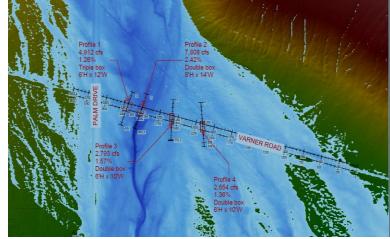


### Project # TBD MORONGO WASH CROSSING IMPROVEMENTS at VARNER ROAD



#### RCFCD 5-YEAR CIP FY 25/26 THROUGH FY 27/30

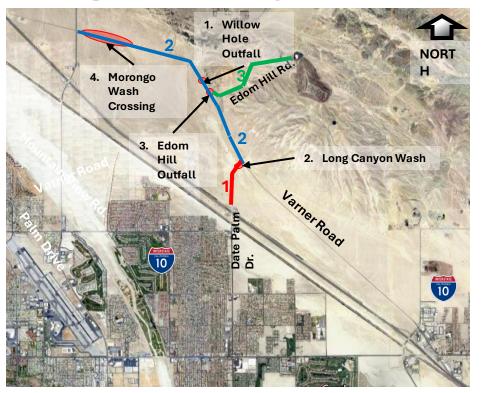
REQUESTED ALLOCATION = \$6,261,000 COST FUNDED BY OTHERS = 30,722,700



Program Funds for Construction - FY 2029-2030



## **Proposed Projects**



### **Road Projects Under Design**

#### Section 1:

Date Palm Drive from I-10 to Varner Road

• Funding: Cathedral City / CVAG

#### Section 2:

Varner Rd. from Palm Drive to Date Palm Drive

• Funding: CVAG/ Cathedral City

#### **Section 3:**

Edom Hill Rd. from Varner Rd to Transfer Station

• Funding: Cathedral City

