



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 Wednesday, December 7, 2022 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 2023-2024.

1. Receive requests from interested parties for projects for Fiscal Year 2023-2024.
2. Oral communication from the audience.
3. Chief Engineer's Report of Zone Activities.

The Budget Work Session is set for 11:00 a.m. on Wednesday, February 15, 2023 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 2023-2024.

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 2021–2022

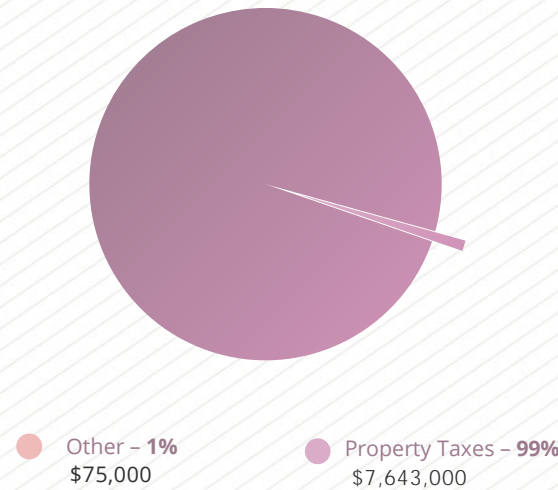
JULY 1, 2021 \$14,816,914

JUNE 30, 2022 \$14,521,128

Sources

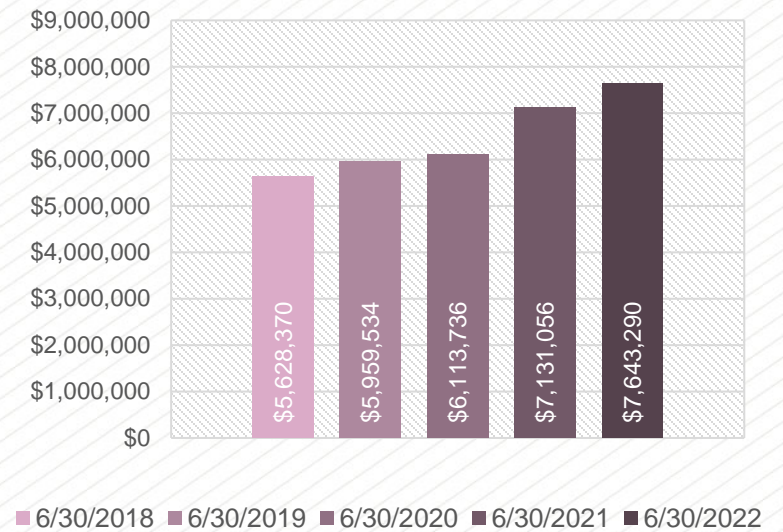
(Where the money comes from)

TOTAL \$7,718,000



Property Taxes

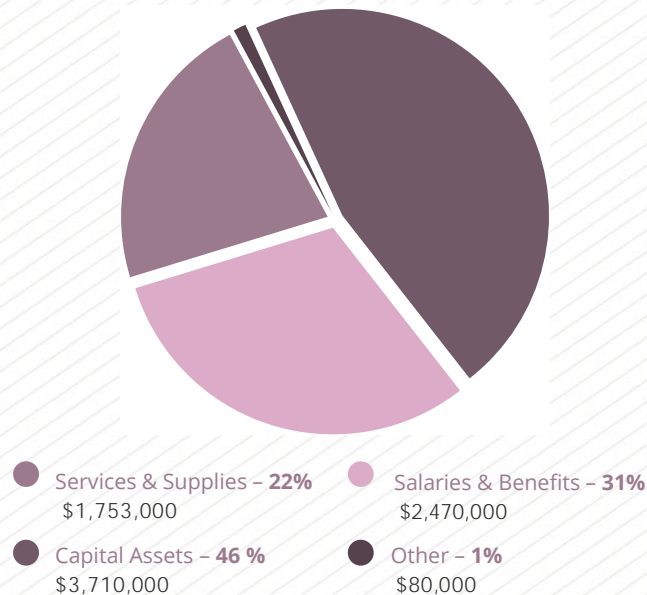
(5 year trend)



Expenditures

(Where the money is spent)

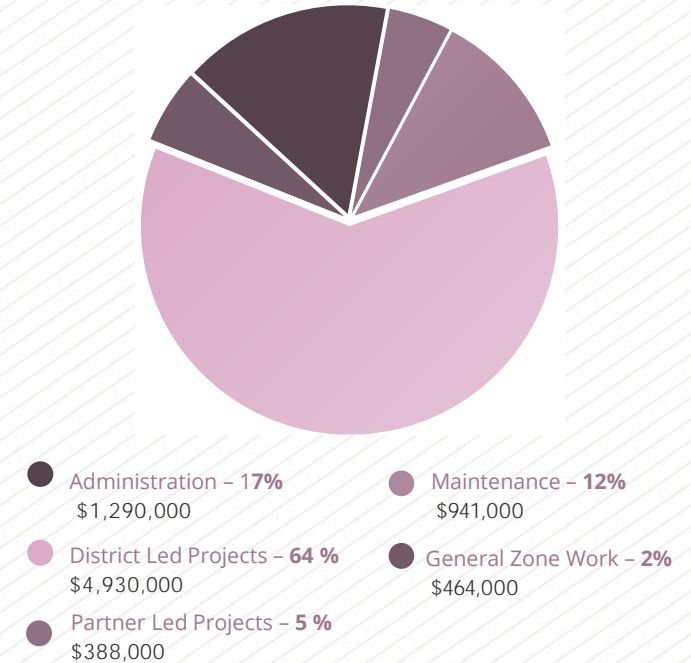
TOTAL \$8,013,000



Uses

(How the money is used)

TOTAL \$8,013,000



ZONE 6

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STEVEN STEWART, 4th District

VACANT, 4th District

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

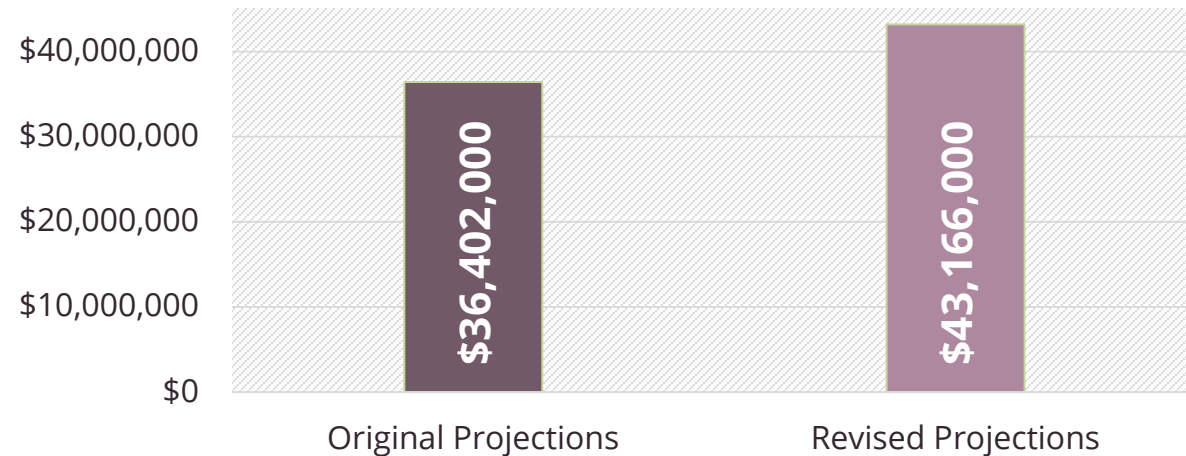
The district must consider public safety above all else, but also strive to develop the most economical project possible consistent with this obligation.

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



**Forecasting
FY23-24 thru FY27-28**

Original Projections vs. Revised Projections Additional Revenue Available



**Additional
Revenue
\$6,764,000**



**5th Year Of
New CIP
FY27-28
\$7,584,000**

**Forecasting \$14,348,000 to be Available for Cost Increases
on Existing Projects and New Requests**

Zone 6
Report to the Zone Commissioners
By Jason E. Uhley, General Manager-Chief Engineer
September 2022

Active District-Led Projects

Palm Springs MDP Line 41 (6-8-00160-03) D1

Stage 3 of the Line 41 system is a District-led project to install approximately 5,450 feet of underground pipe ranging from 30 inches to 108 inches and construct a 7-acre detention basin. The primary objective of this project is to remove the Federal Emergency Management Agency (FEMA) floodplain and provide 100-year flood protection to properties south of Highway 111 between Cherokee Way and Golf Club Drive. The project will collect flows at the Cherokee Way and Seminole Road intersection from the proposed Palm Springs MDP Line 41, Stage 4 project and convey them southeasterly to the detention basin along Matthew Drive near Linden Way. Reduced flows exiting the basin will be conveyed easterly along Highway 111 where it will discharge into the existing Palm Springs MDP Line 41, Stage 2 storm drain system at Golf Club Drive. This project is funded by the District. The District awarded the project to Sukut Construction, LLC on August 17, 2021. The project is currently under construction and is expected to be completed by the third quarter of 2023.

Palm Springs MDP Line 41 (6-8-00160-04) D1

Stage 4 of the Line 41 system is a District-led storm drain improvement project to install approximately 1,365 feet of 84-inch reinforced concrete pipe. The primary objective is to provide flood protection to residents located within the Safari Mobile Home Park and ultimately remove the existing Federal Emergency Management Agency (FEMA) floodplain by collecting runoff from the hills west of the community. The collected flows will be conveyed easterly in the underground storm drain along Santa Monica Street until the flows reach the proposed Palm Springs MDP Line 41, Stage 3 system. This project is funded by the District. The District awarded the project to Sukut Construction, LLC on August 17, 2021. The project is currently under construction and is expected to be completed by the third quarter of 2023.

Zone 6
Report to the Zone Commissioners
September 2022

Active Partner-Led Projects

Varner Road Willow Hole Outfall Improvement (6-6-09012) SP

This Cathedral City-led project will be used to mitigate future flood damage expected along Varner Road at the Willow Hole Outfall located approximately 500 feet west of Edom Hill Road. The project will consist of either a bridge or a box culvert; the decision on what type, length, and size of the facility to use will be made based on future hydraulic analyses. The District agreed to perform the hydrology study and provide partial funding of the project not to exceed \$632,000.

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

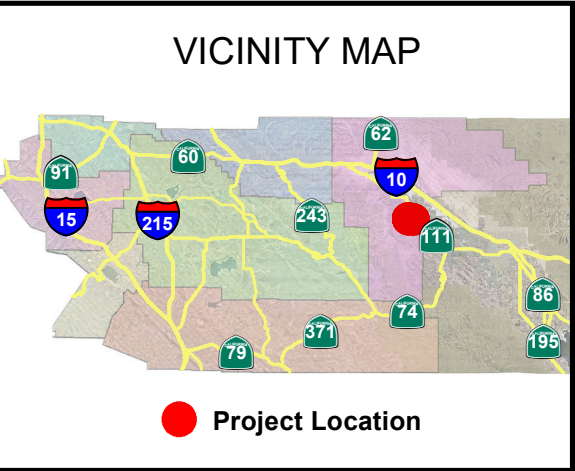
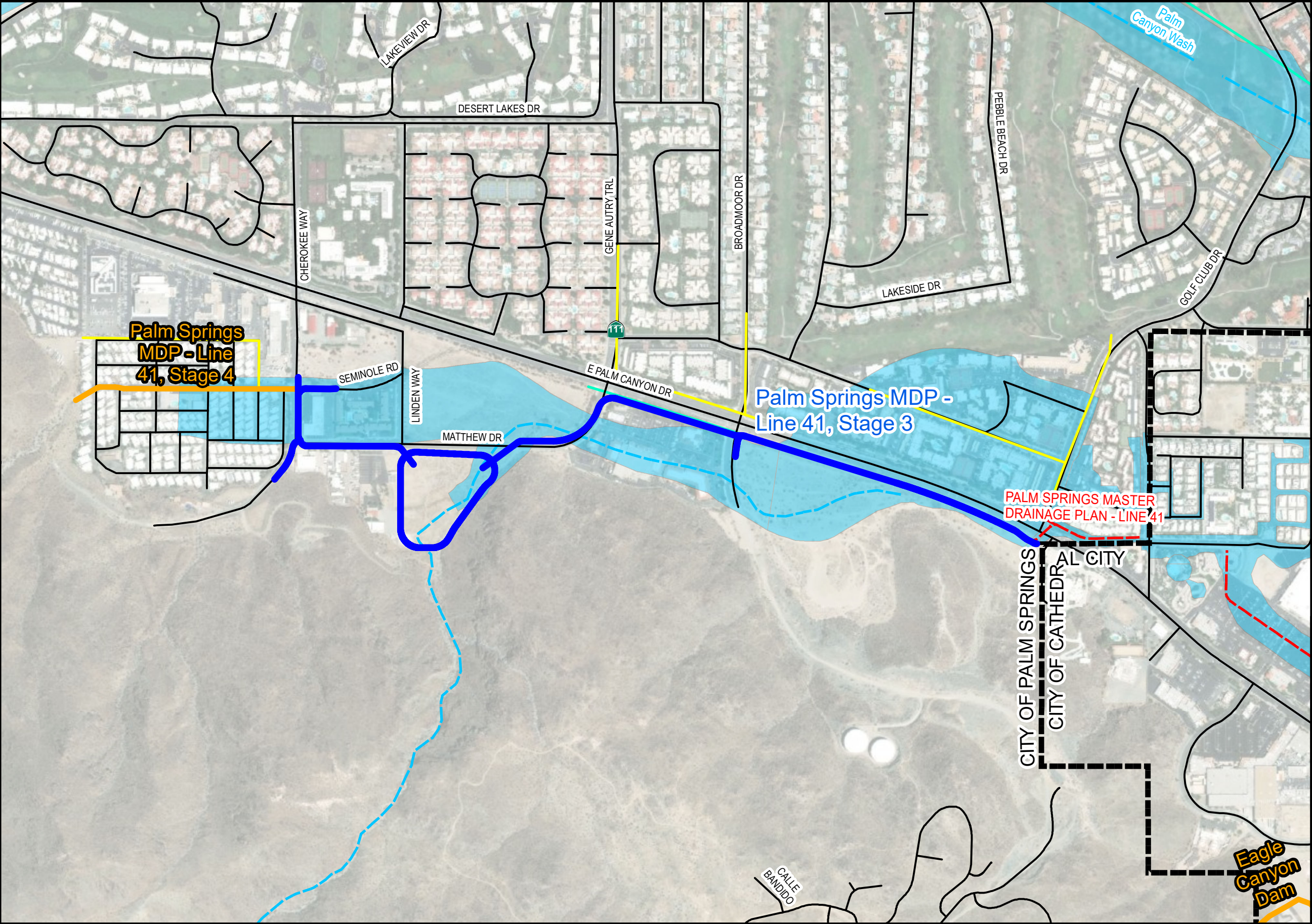
This City of Desert Hot Springs-led project consists of approximately 4,070 feet of various size pipe (48-60"). The project will collect flows from a low point located west of the intersection of Deodar Avenue and Redbud Road; flows will be conveyed south within Calle Amapola and outlet into an existing 66" reinforced concrete pipe located south of Panorama Drive. This project will alleviate ongoing residential and street flooding within the surrounding community. This project is funded by the District. The Cooperative Agreement was executed on June 7, 2022. The City is currently in the process of selecting an engineering firm to begin final design and improvement plans for the storm drain facility.

Palm Springs MDP Line 20 (6-8-00320-03) SP

The City of Palm Springs-led project proposes for 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 Palm Springs MDP Line 20 storm drain. The project will alleviate the flooding affecting the streets and surrounding community. This project is funded by the District. The Cooperative Funding Agreement between the City and the District was executed on September 28, 2021. The City is currently working on final improvement plans for the project. The City anticipates placing project out to bid this Fiscal Year 22-23.

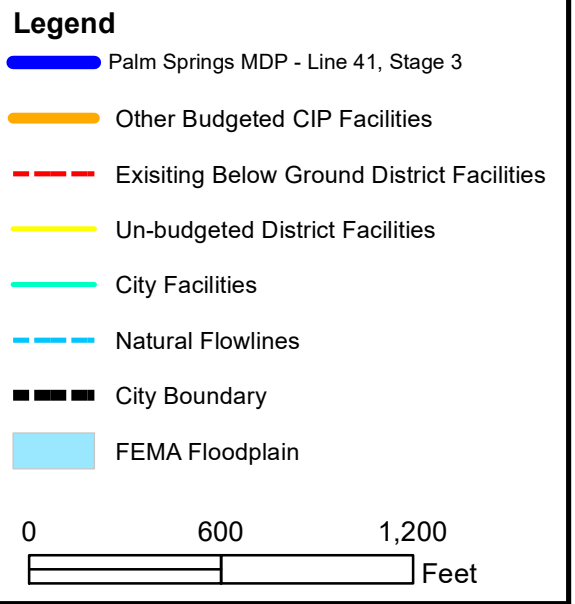
Palm Springs MDP Line 6 and Lateral 6D (6-8-09013-00) SP

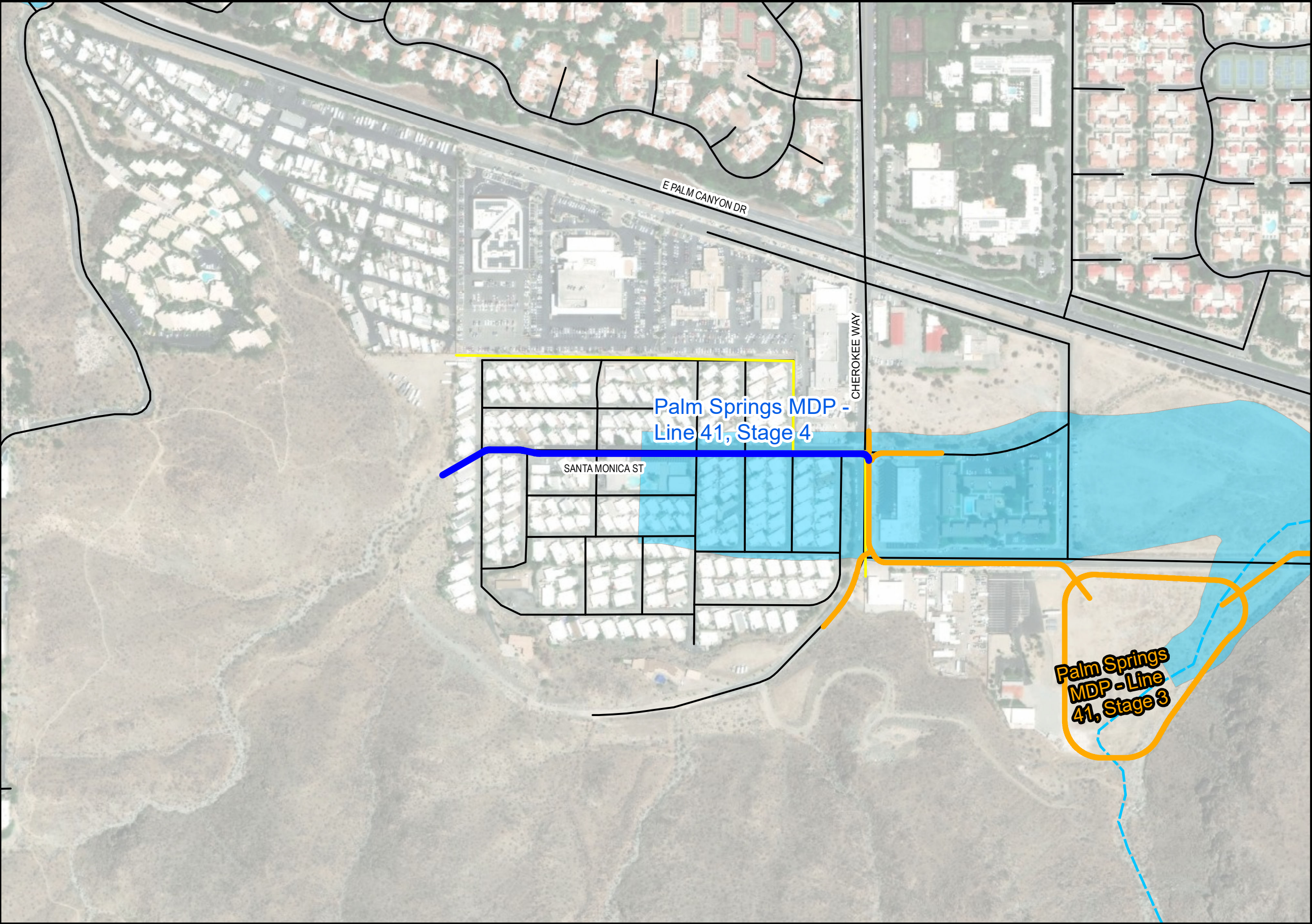
This is a City of Palm Springs-led project to construct Palm Springs MDP Lines 6 and 6D. The project includes approximately 4,000 feet of 30-inch to 60-inch reinforced concrete pipe to collect flows from the intersection of Francis Drive and N. Avenida Caballeros and convey them southerly within N. Avenida Caballeros to Highway 111/E Vista Chino where they will outlet into the existing District Palm Springs MDP Lines 5 and 6 storm drains. The District has partially funded this project; as funds become available, the funding will increase. The District is currently working with the City of Palm Springs on beginning a draft of the cooperative agreement.



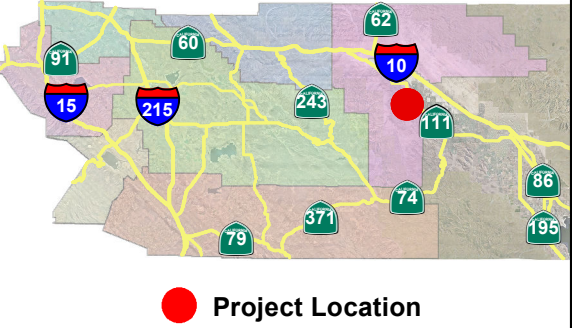
Description

Stage 3 of the Line 41 system is a District-led project to install approximately 5,450 feet of underground pipe ranging from 30-inch to 108-inch and construct a 7-acre detention basin. The primary objective of this project is to remove the Federal Emergency Management Agency (FEMA) floodplain and provide 100-year flood protection to properties south of Highway 111 between Cherokee Way and Golf Club Drive. The project will collect flows at the Cherokee Way and Seminole Road intersection from the proposed Palm Springs MDP Line 41, Stage 4 project and convey them southeasterly to the detention basin along Matthew Drive near Linden Way. Reduced flows exiting the basin will be conveyed easterly along Highway 111 where it will discharge into the existing Palm Springs MDP Line 41, Stage 2 storm drain system at Golf Club Drive.





VICINITY MAP

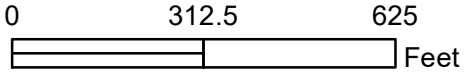


Description

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Legend

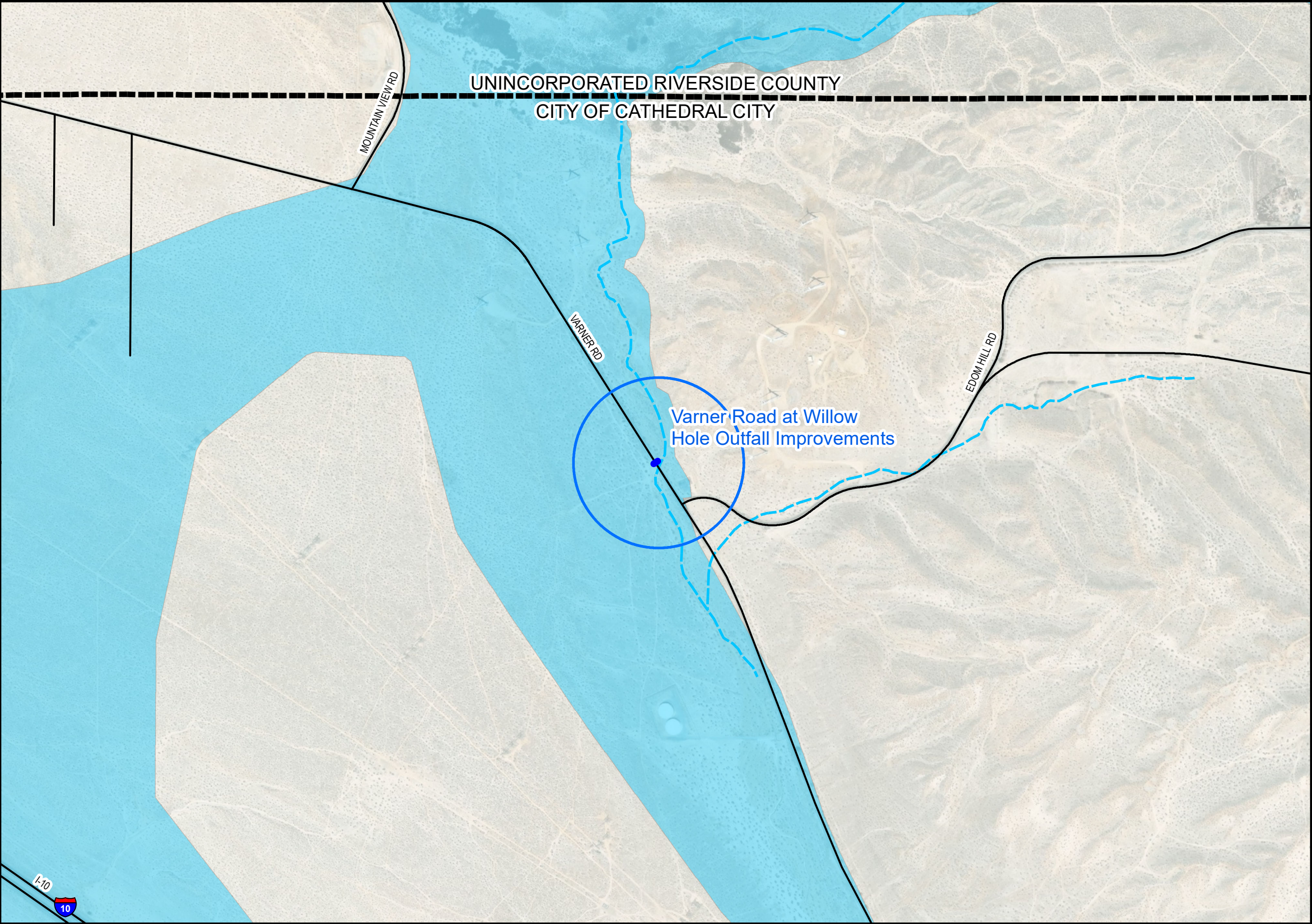
- Palm Springs MDP - Line 41, Stage 4
- Budgeted CIP Facilities
- Future District Facilities
- Natural Flowlines
- FEMA Floodplain



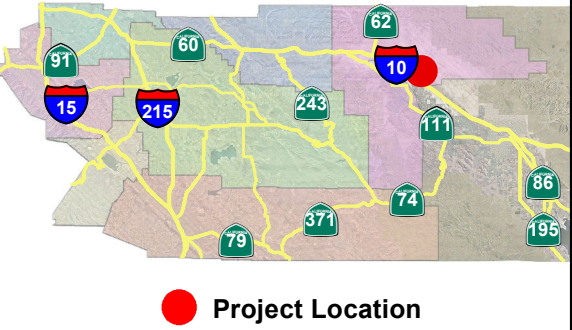
RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
Palm Springs MDP - Line 41, Stage 4
Supervisorial District 4



Project No.	6-8-00160
Engineer	A. Wells
Date Created	6/29/2022



VICINITY MAP

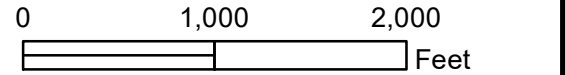


Description

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Legend

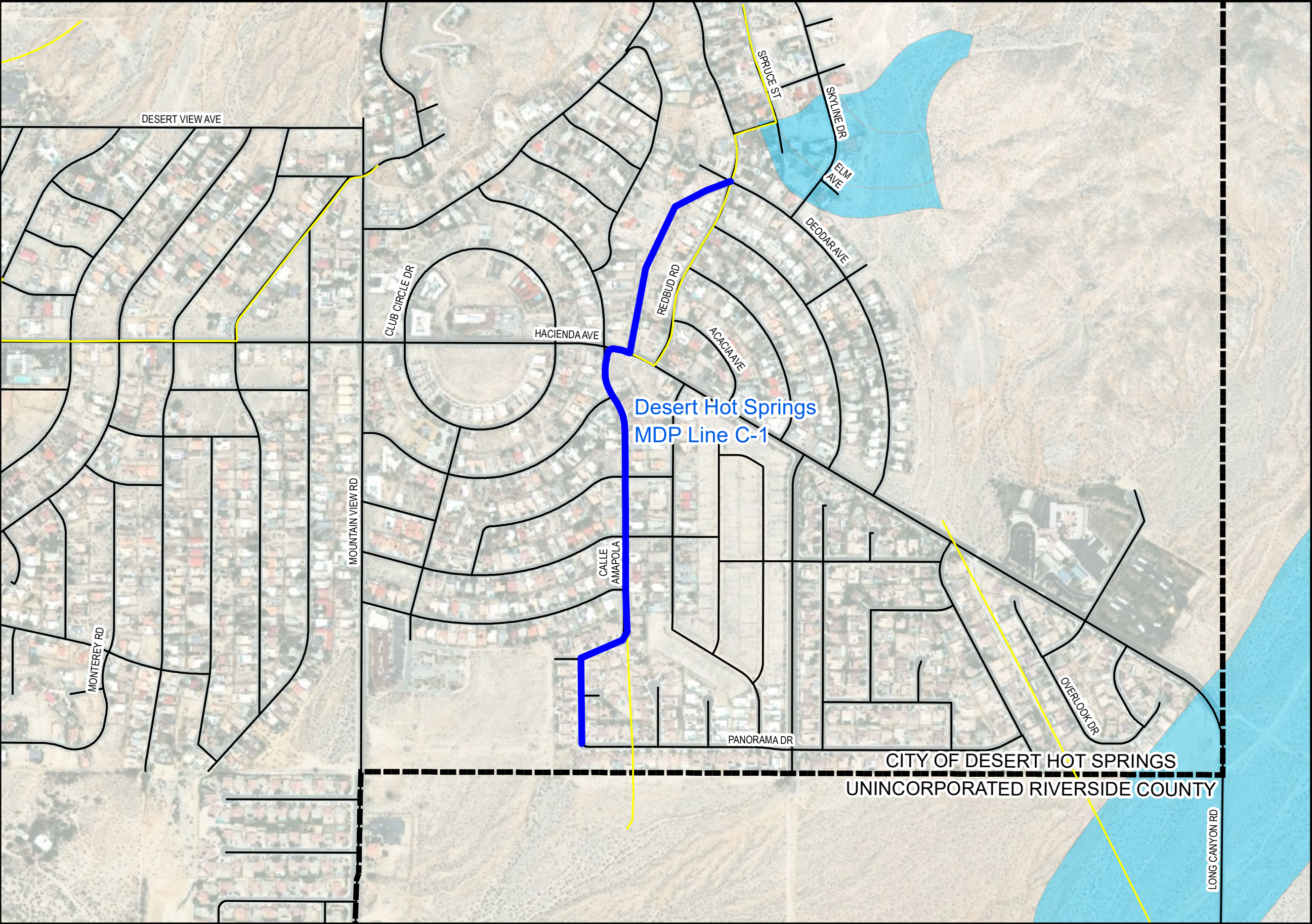
- Varner Road at Willow Hole Outfall Improvements
- Natural Flowlines
- City Boundary
- FEMA Floodplain



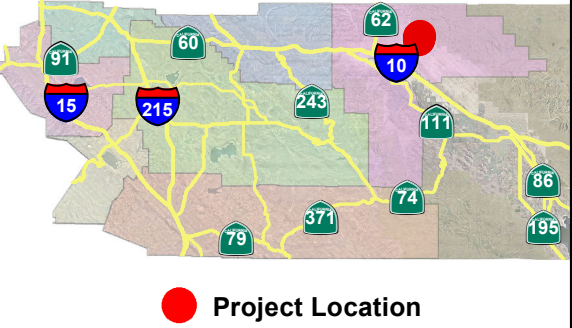
RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
Varner Road at Willow Hole Outfall Improvements
Supervisory District 6



Project No.	6-6-09012
Engineer	A. Leung
Date Created	6/29/2022



VICINITY MAP

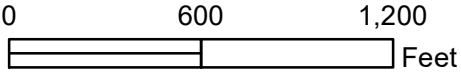


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Legend

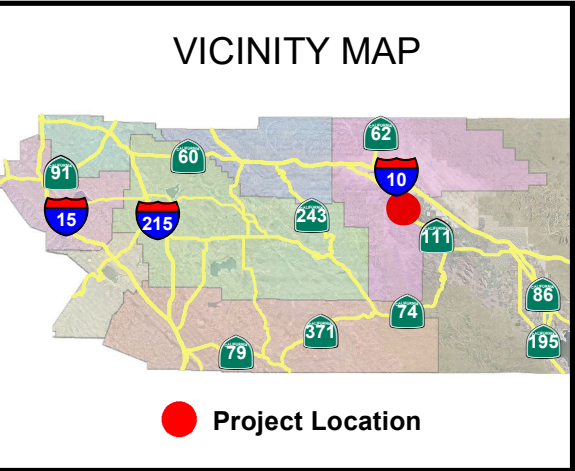
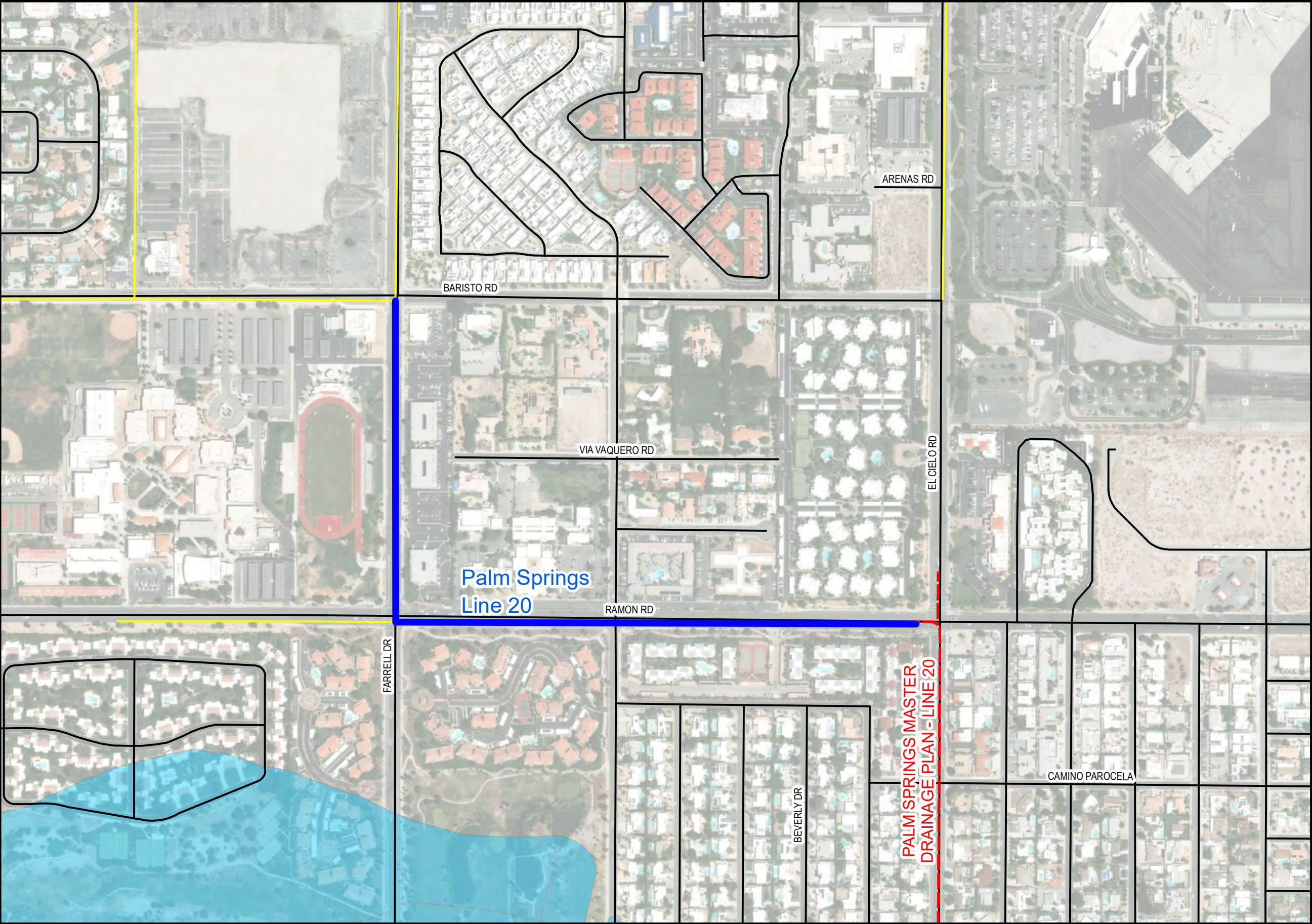
- Desert Hot Springs MDP Line C-1
- Un-budgeted District Facilities
- City Boundary
- FEMA Floodplain



RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
Desert Hot Springs MDP Line C-1
Supervisorial District 4

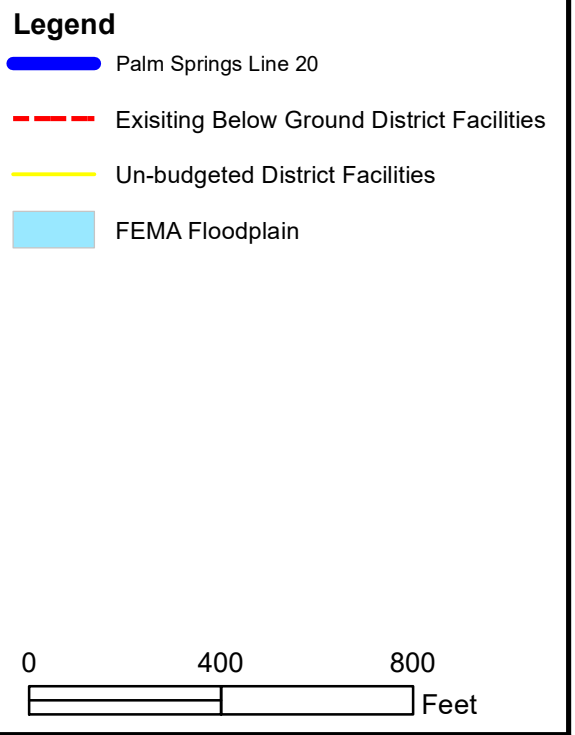


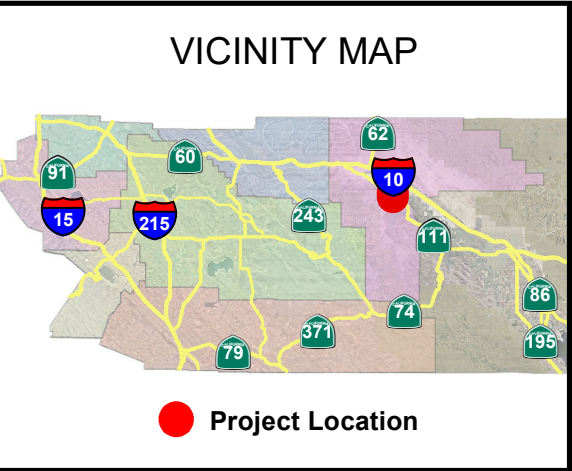
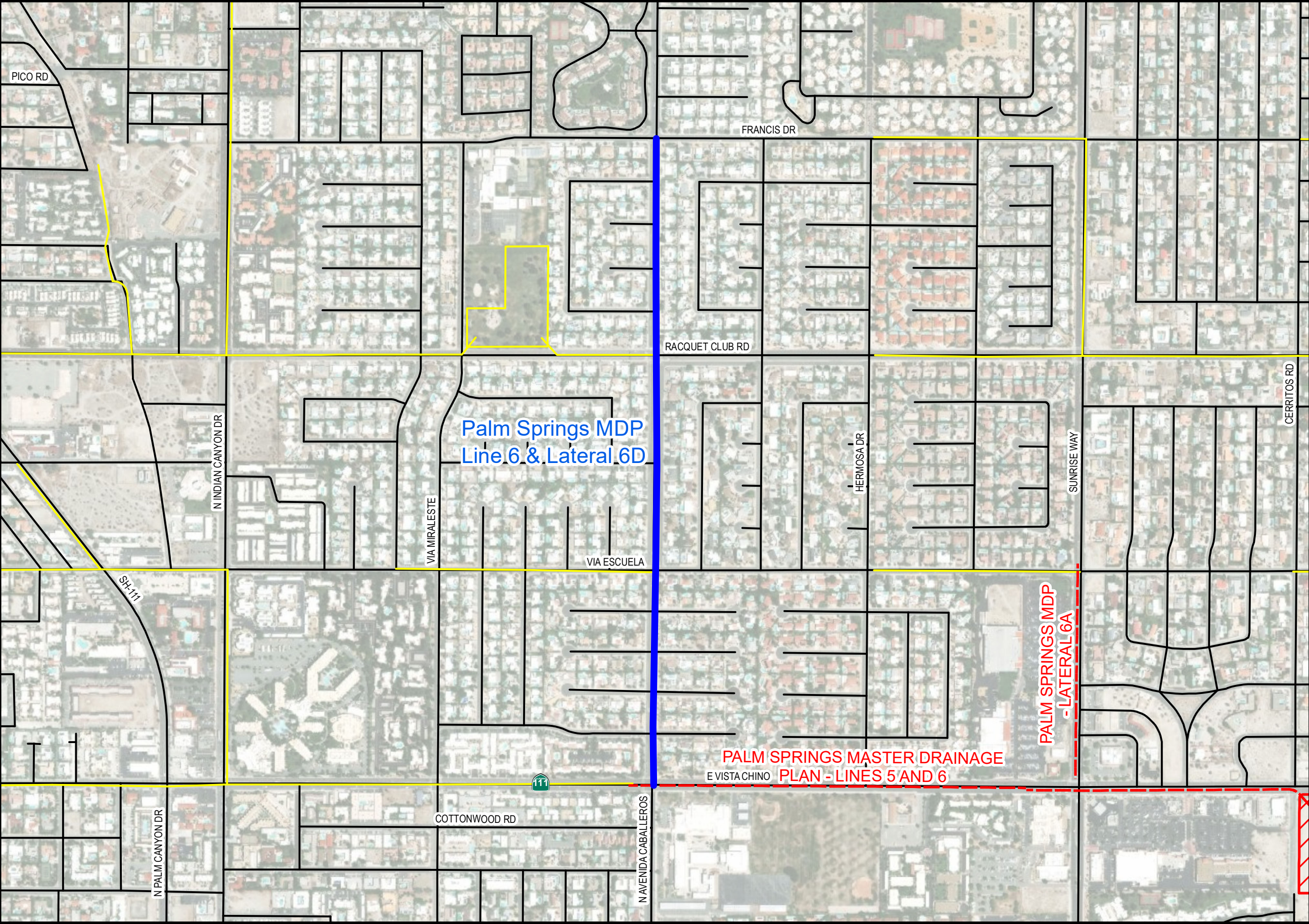
Project No.	6-8-00034
Engineer	T. Hanson
Date Created	6/28/2022



Description

The City of Palm Springs-led project proposes for construction of the 4,600 feet storm drain. Project will collect and convey flows from the intersection of Baristo Road and Farrell Drive and convey it south and east within Farrell Drive and Ramon Road where it will outlet into the existing District Palm Springs Master Drainage Plan - Line 20 storm drain. Project will alleviate the flooding affecting the streets and surrounding community.

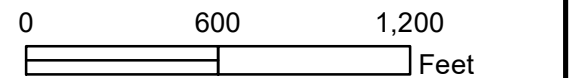


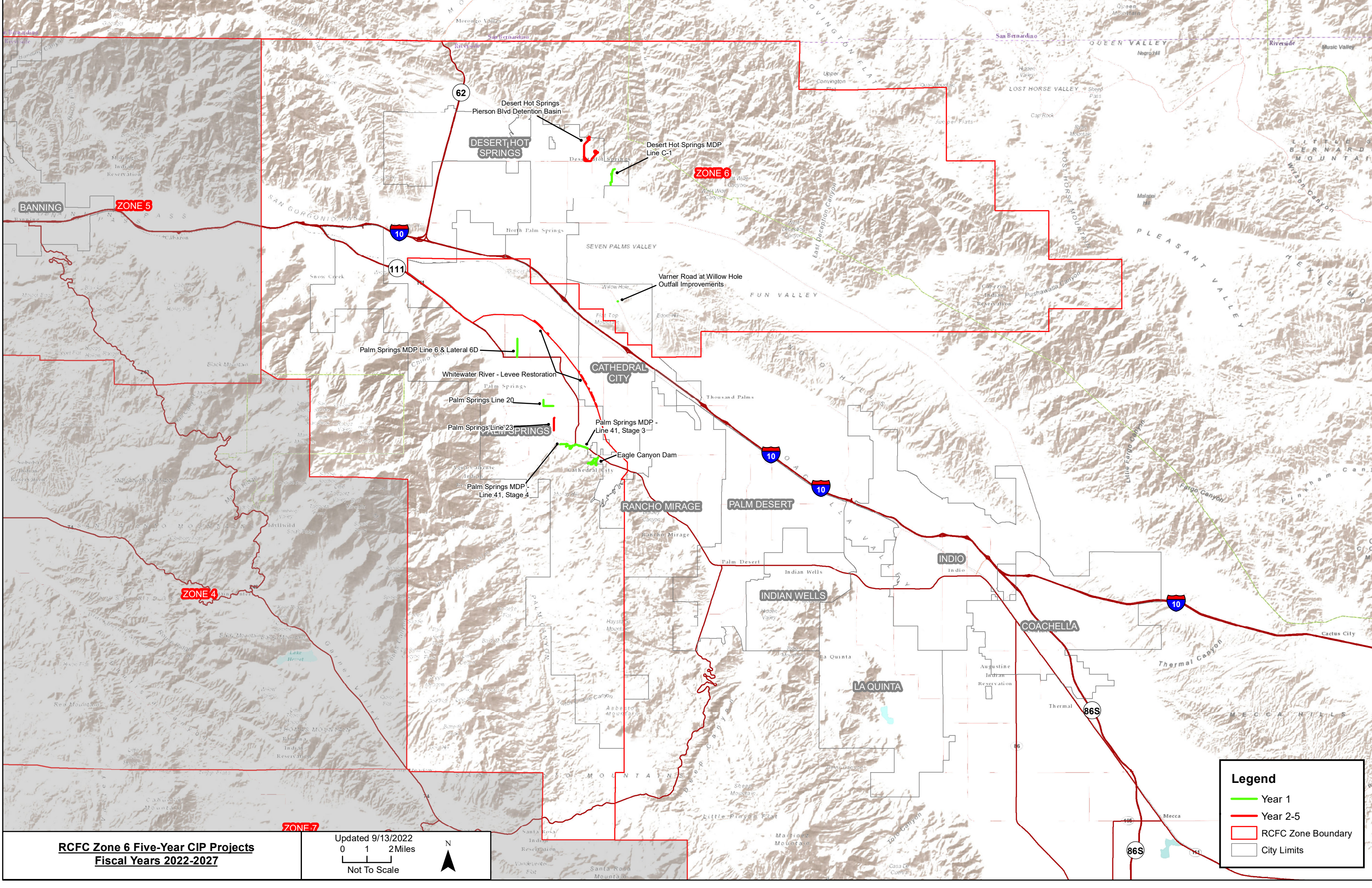


Description

This is a City of Palm Springs-led project to construct Palm Springs Master Drainage Plan Line 6 and 6D. The project includes approximately 4,000 feet of 30-inch to 60-inch reinforced concrete pipe to collect flows from the intersection of Francis Drive and N Avenida Caballeros and convey it southerly within N Avenida Caballeros to Highway 111/E Vista Chino where it will outlet into the existing District Palm Springs Master Drainage Plan - Lines 5 and 6 storm drains

- Legend**
- Palm Springs MDP Line 6 & Lateral 6D
 - Existing Below Ground District Facilities
 - Existing Facilities Area
 - Un-budgeted District Facilities





RCFC Zone 6 Five-Year CIP Projects
Fiscal Years 2022-2027

Updated 9/13/2022
0 1 2 Miles
Not To Scale



Legend

Year 1

Year 2-5

RCFC Zone Boundary

City Limits

Zone 6 Budget Hearing

December 7, 2022



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



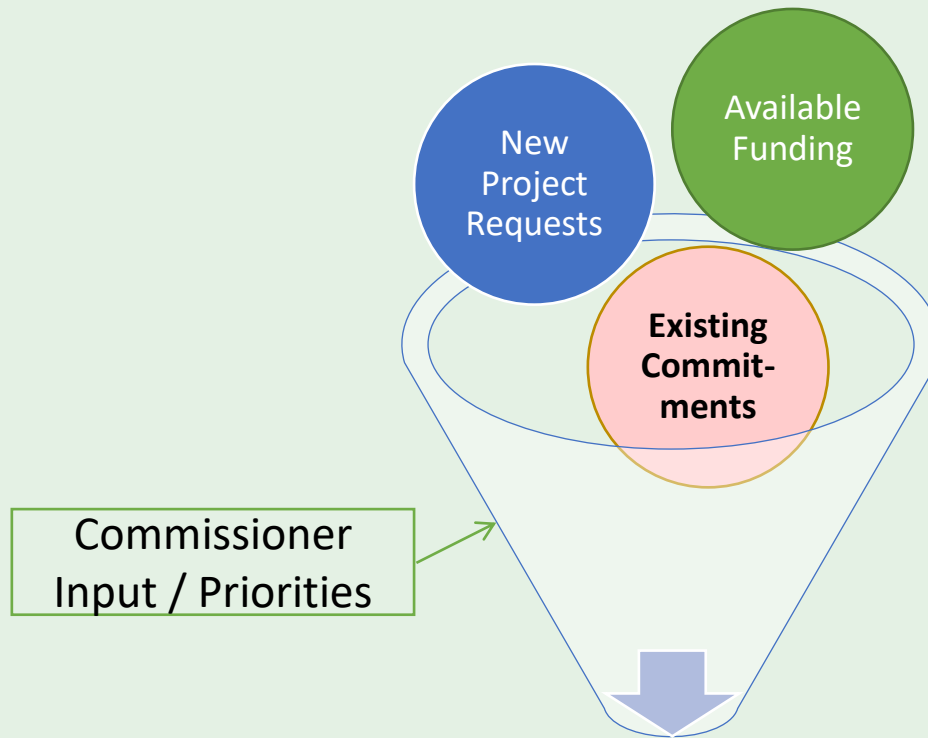
- Riverside County Flood
 - Dams, levees
 - Regional channels and storm drains
- Cities/County
 - Road culverts
 - Smaller storm drains ($\leq 36"$)
 - Catch basins (roadside inlets)
- Rural Property Owners/HOAs
 - Other drainage infrastructure
 - Natural washes



Hearing

New
Project
Requests

Hearing



District Staff Evaluate projects, costs, funding

Workshop





Available
Funding

Sunita Jain

Administrative Services Supervisor

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.

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Fund Balance for FY 2021–2022

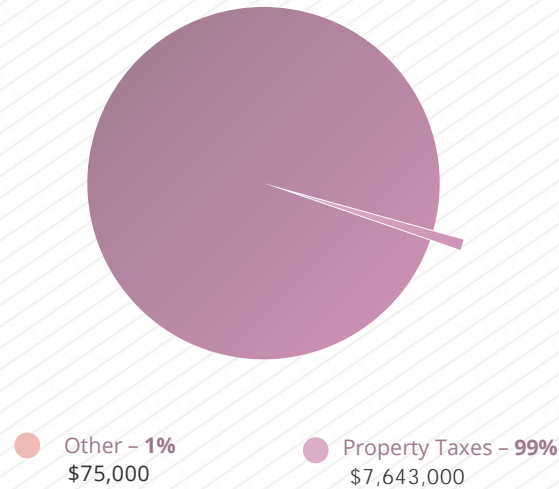
JULY 1, 2021 \$14,816,914

JUNE 30, 2022 \$14,521,128

Sources

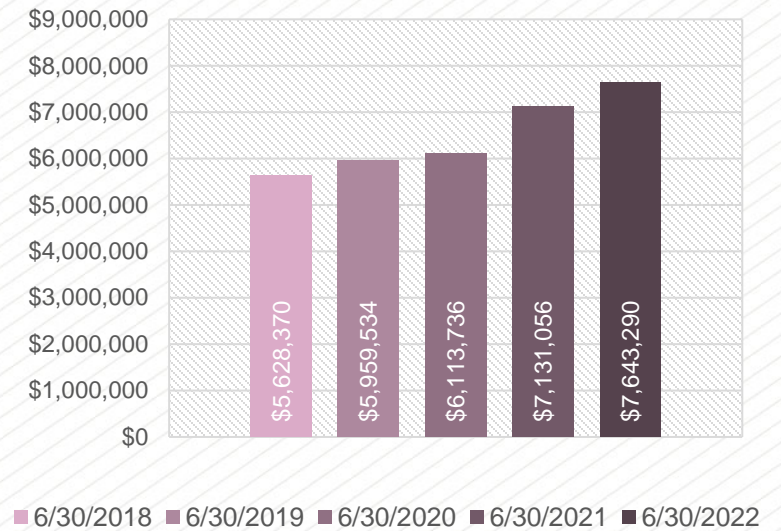
(Where the money comes from)

TOTAL \$7,718,000



Property Taxes

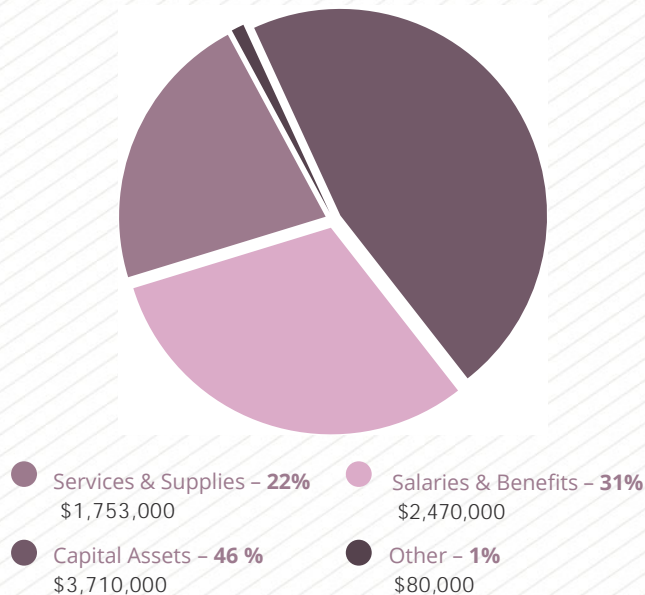
(5 year trend)



Expenditures

(Where the money is spent)

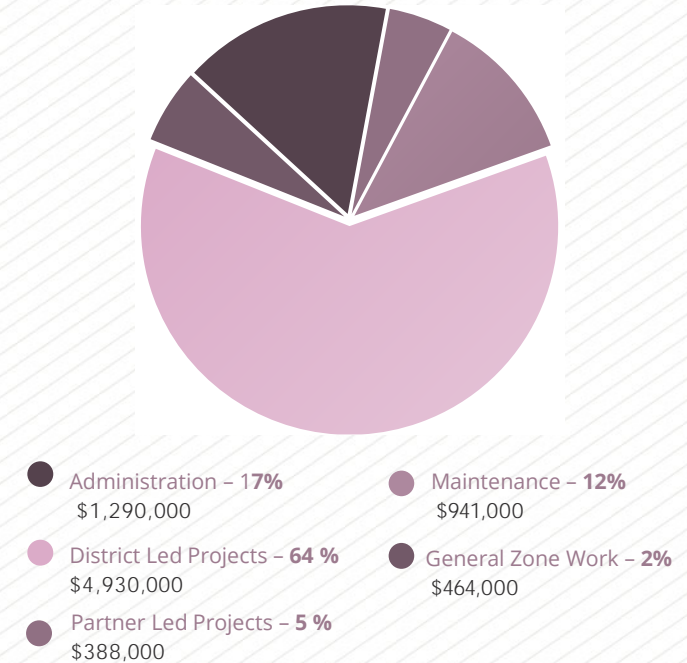
TOTAL \$8,013,000



Uses

(How the money is used)

TOTAL \$8,013,000



ZONE 6

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STEVEN STEWART, 4th District

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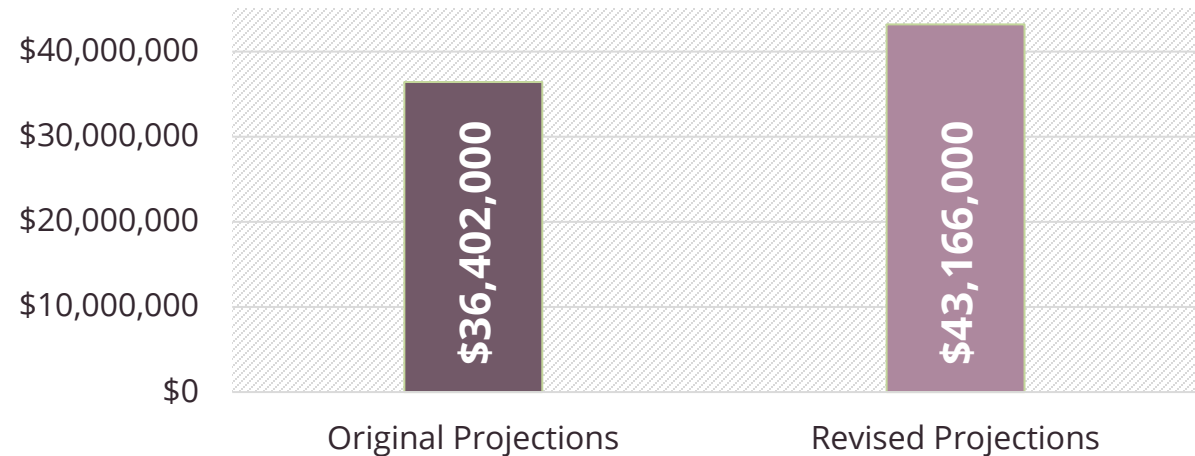
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**Forecasting
FY23-24 thru FY27-28**

Original Projections vs. Revised Projections Additional Revenue Available



**Additional
Revenue
\$6,764,000**



**5th Year Of
New CIP
FY27-28
\$7,584,000**

**Forecasting \$14,348,000 to be Available for Cost Increases
on Existing Projects and New Requests**

Existing
Commit-
ments

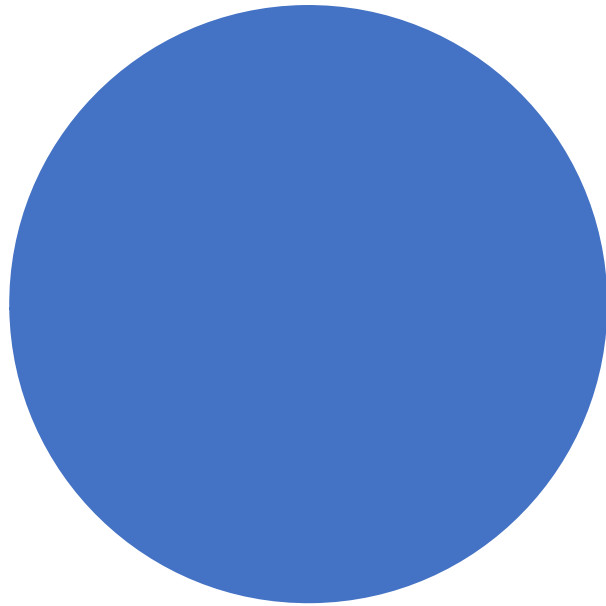
Komy Ghods

Chief of Design and Construction

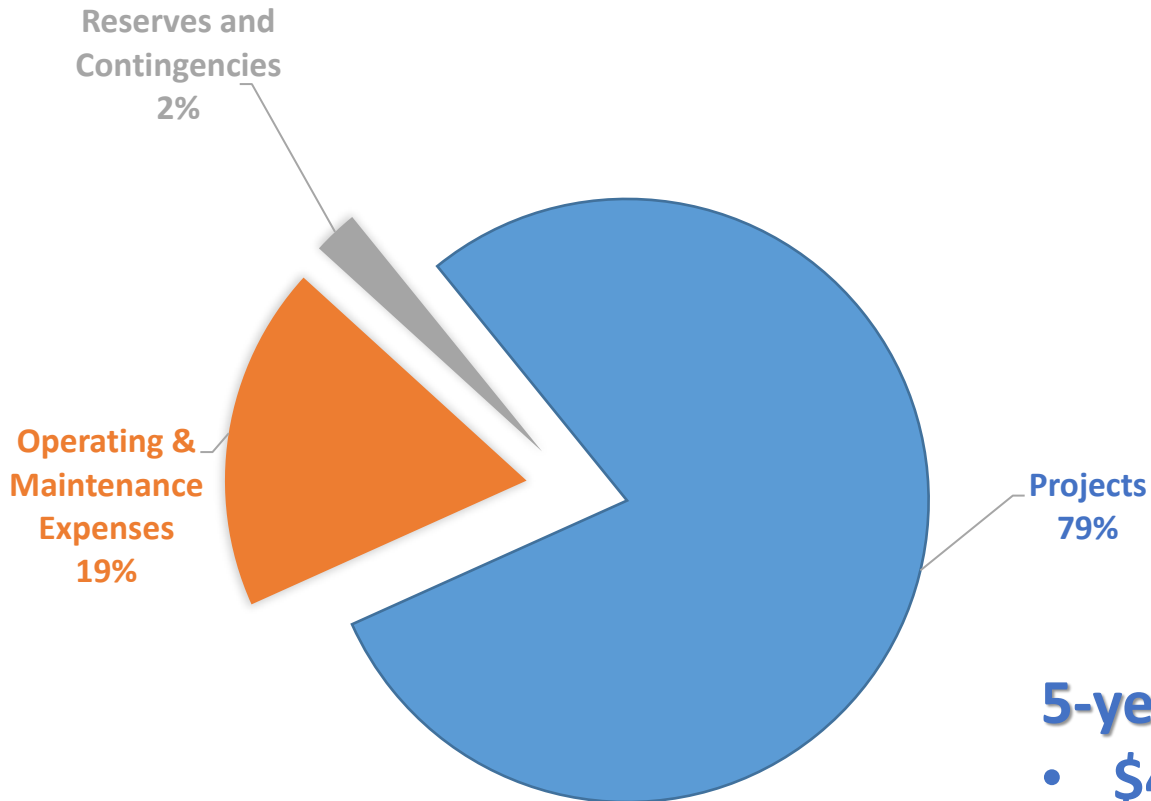
Deborah de Chambeau

Chief of Planning

Estimates from last February



5-Year Allocations per CIP



5-year Project Allocation

- \$43.6M
- 10 Projects
 - 5 District-Led
 - 5 Partner-Led

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DISTRICT LED PROJECT SUMMARY - ZONE 6

FISCAL YEARS 2022-23 THROUGH 2026-27

Project Number	Stg No.	Project Title	Project Cost	Appropriation		Funding Sources (5-Year Total)			Total Not District Funded
			Total Remaining Cost	FY 2022-23	FY 2023-27	Tax Revenue	ADP Contribution	External Contribution	
DESIGN AND CONSTRUCTION PROJECTS:									
6-8-00040	94	PALM CANYON WASH EMERGENCY SEDIMENT REMOVAL	\$0	\$0	\$0	\$0	\$0	\$3,919,000	\$0
6-8-00160	03	PALM SPRINGS MDP LINE 41 STG 3 & 4	14,963,620	9,535,990	5,427,630	14,963,620	0	0	0
6-8-00190	01	EAGLE CANYON DAM	10,000	10,000	0	10,000	0	0	0
PLANNING PROJECTS:									
6-8-00230	01	PALM SPRINGS MDP LINE 23	3,133,527	0	3,133,527	3,133,527	0	0	0
6-8-00250	90	WHITEWATER RIVER - LEVEE RESTORATION	2,815,236	0	2,815,236	2,815,236	0	0	0
DESIGN AND CONSTRUCTION PROJECTS			\$14,973,620	\$9,545,990	\$5,427,630	\$14,973,620	\$0	\$3,919,000	\$0
PLANNING PROJECTS			5,948,763	0	5,948,763	5,948,763	0	0	0
ZONE 6 DISTRICT LED PROJECTS TOTALS			\$20,922,383	\$9,545,990	\$11,376,393	\$20,922,383	\$0	\$3,919,000	\$0

FIVE YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2022:

Zone 6 Fund	\$15,077,500
Total Fund Balance Forward	\$15,077,500

REVENUE:

Taxes	\$36,401,987
Interest	65,398
Rental	30,000
Subtotal Revenue	36,497,385
FEMA Reimbursement	3,919,000
External Contribution	0
Total Five Year Revenue	\$40,416,385
Total Funds Available	\$55,493,885

APPROPRIATIONS:

District Led Projects Appropriations	\$20,922,383
Partner Led Projects Appropriations	22,722,918
Capital Project Cost Inflation	666,249
Operating & Maintenance Expenses	10,198,747
Contingencies	665,177
Total Five Year Appropriations	\$55,175,474

ENDING FUND BALANCE - JUNE 30, 2027:

Zone 6 Fund	\$318,411
Total Ending Fund Balance	\$318,411

Existing Commitments

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
PARTNER LED PROJECT SUMMARY - ZONE 6
FISCAL YEARS 2022-23 THROUGH 2026-27

Project Number	Stg No.	Project Title	Project Cost	Project Appropriation				Funding Sources		Total Not District Funded
				FY 2022-23		FY 2023-27		5-year total		
			Total Remaining Cost	District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	
PARTNER LED CONTRIBUTION PROJECTS										
6-6-09012	00	VARNER ROAD WILLOW HOLE OUTFALL IMPR	\$842,000	\$0	\$632,000	\$0	\$0	\$632,000	\$0	(\$210,000)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS										
6-8-00034	01	DESERT HOT SPRINGS MDP LINE C-1	3,966,656	50,694	760,000	115,962	3,040,000	3,966,656	0	0
6-8-00320	03	PALM SPRINGS LN 20 STG 3	8,055,370	274,444	20,000	73,037	7,500,000	7,867,481	0	(187,889)
6-8-09013	00	PALM SPRINGS MDP LINE 6 & LATERAL 6D	2,938,572	0	300,000	13,654	1,024,918	1,338,572	0	(1,600,000)
6-8-00036	01	DESERT HOT SPRINGS PIERSON BLVD DET BASIN	8,918,209	0	0	0	8,918,209	8,918,209	0	0
PARTNER LED CONTRIBUTION IMPROVEMENT PROJECTS			\$842,000	\$0	\$632,000	\$0	\$0	\$632,000	\$0	(\$210,000)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			23,878,807	325,138	1,080,000	202,653	20,483,127	22,090,918	0	(1,787,889)
ZONE 6 PARTNER LED PROJECTS TOTALS			\$24,720,807	\$325,138	\$1,712,000	\$202,653	\$20,483,127	\$22,722,918	\$0	(\$1,997,889)

Existing Commitments

Zone 6
Report to the Zone Commissioners
By Jason E. Uhley, General Manager-Chief Engineer
September 2022

Active District-Led Projects

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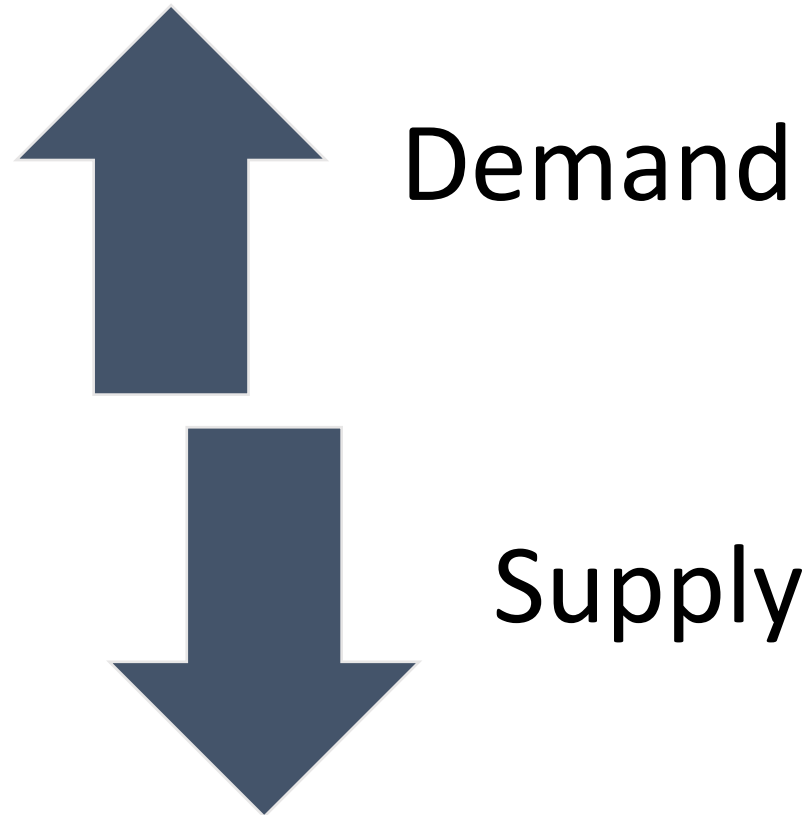
Palm Springs MDP Line 41 (6-8-00160-04) D1

Stage 4 of the Line 41 system is a District-led storm drain improvement project to install approximately 1,365 feet of 84-inch reinforced concrete pipe. The primary objective is to provide flood protection to residents located within the Safari Mobile Home Park and ultimately remove the existing Federal Emergency Management Agency (FEMA) floodplain by collecting runoff from the hills west of the community. The collected flows will be conveyed easterly in the underground storm drain along Santa Monica Street until the flows reach the proposed Palm Springs MDP Line 41, Stage 3 system. This project is funded by the District. The District awarded the project to Sukut Construction, LLC on August 17, 2021. The project is currently under construction and is expected to be completed by the third quarter of 2023.

The background of the slide is a blurred image of a document. A silver pen is visible in the upper right corner, resting on the paper. A line graph is drawn on the document, showing a fluctuating trend. The graph has a dotted line and a solid line. The number '5' is visible on the left side of the graph, and '2,47' is visible on the right side. The title 'Recent Activity and Trends' is centered over the graph in a large, white, sans-serif font.

Recent Activity and Trends

Recent Trends



- Construction Costs
 - 25-30% increase
- Construction Delays
 - 3-8 month lead times

Construction Projects

Active and Pending



Palm Springs MDP Line 41, Stages 3 & 4



In Design



Whitewater Levee Restoration

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



Existing
Projects

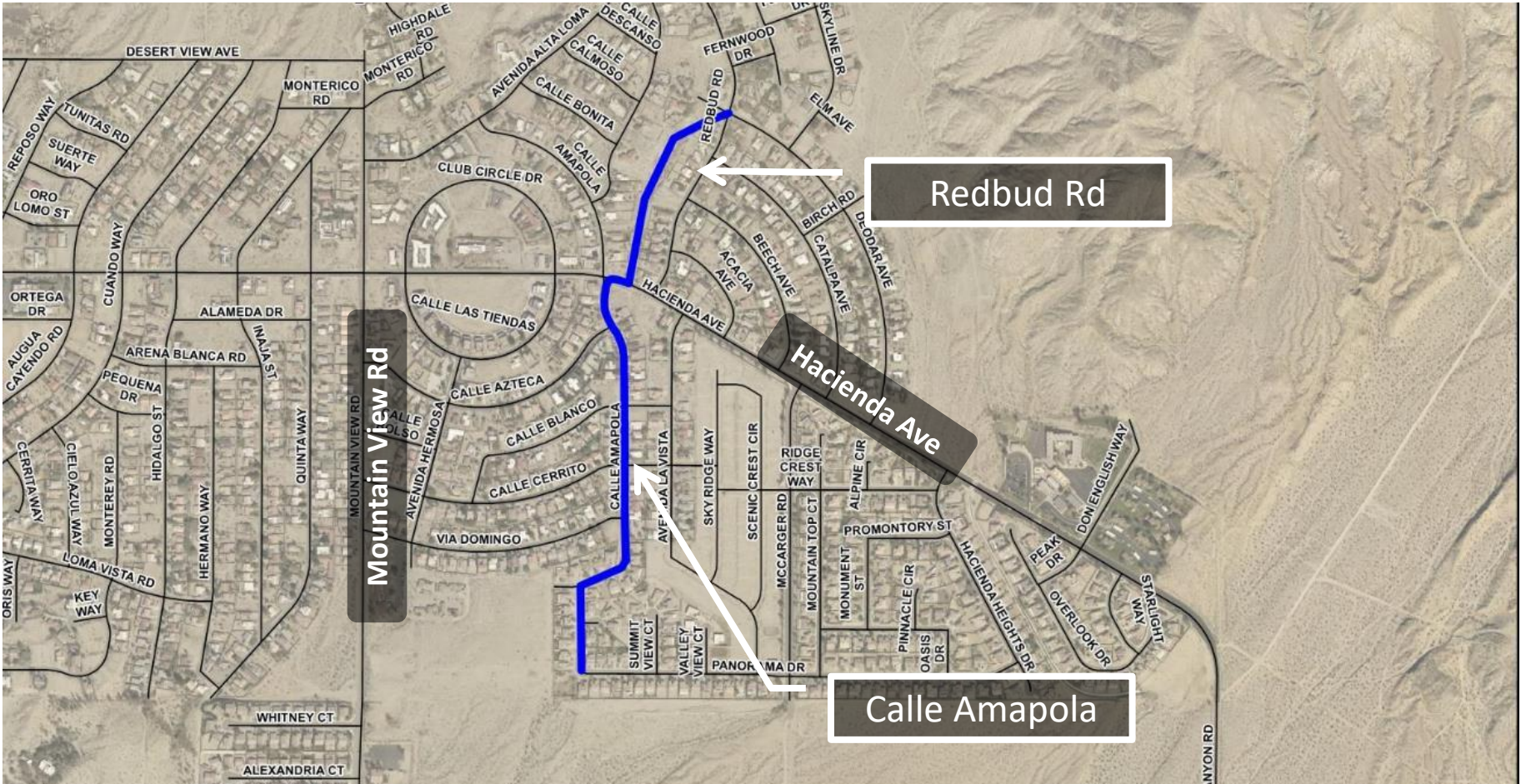
Partner Projects



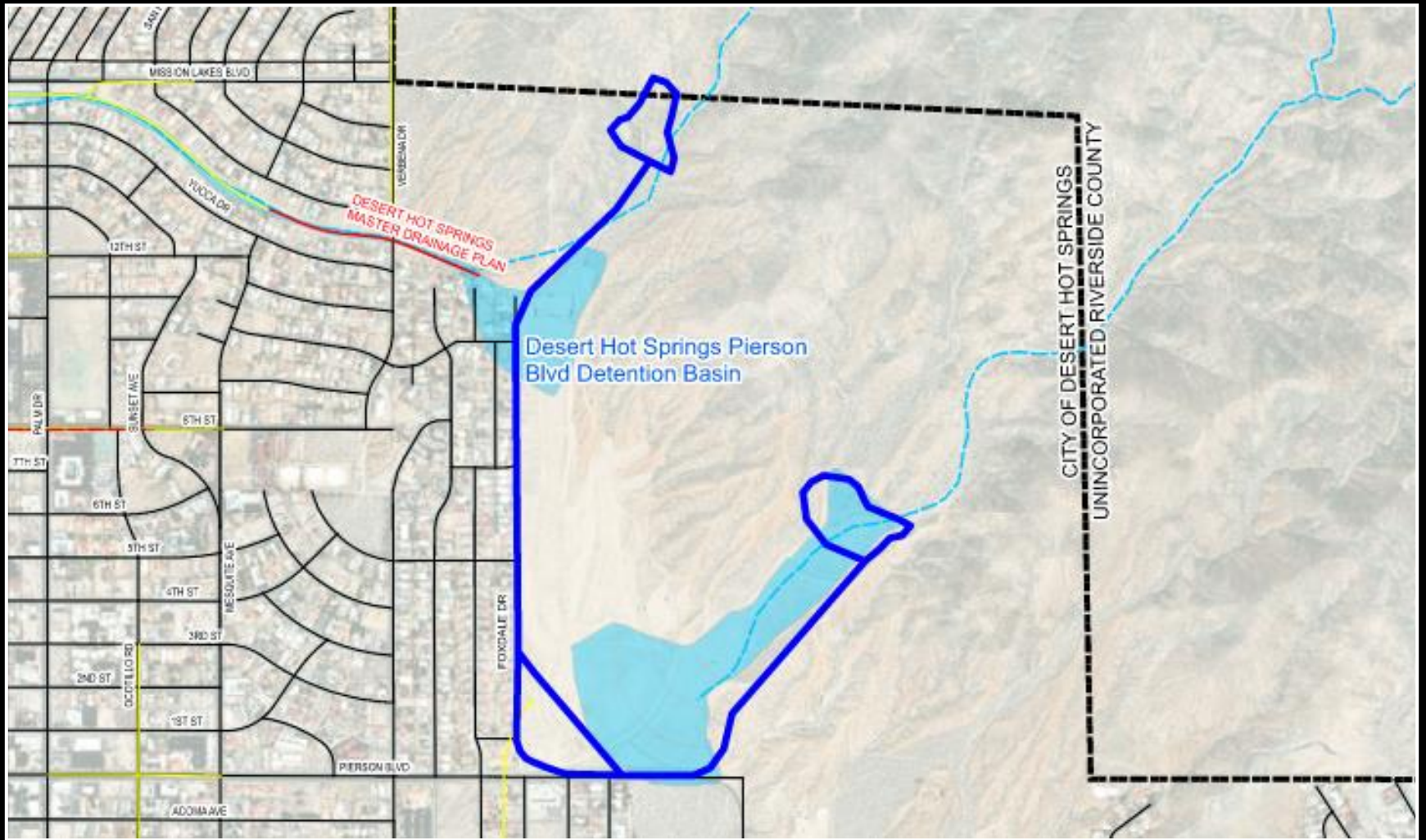
- 95% Design in progress
- Cooperative Funding Agreement Executed
- \$7.5M Contribution

Existing Line 20

Palm Springs Line 20 Stage 3

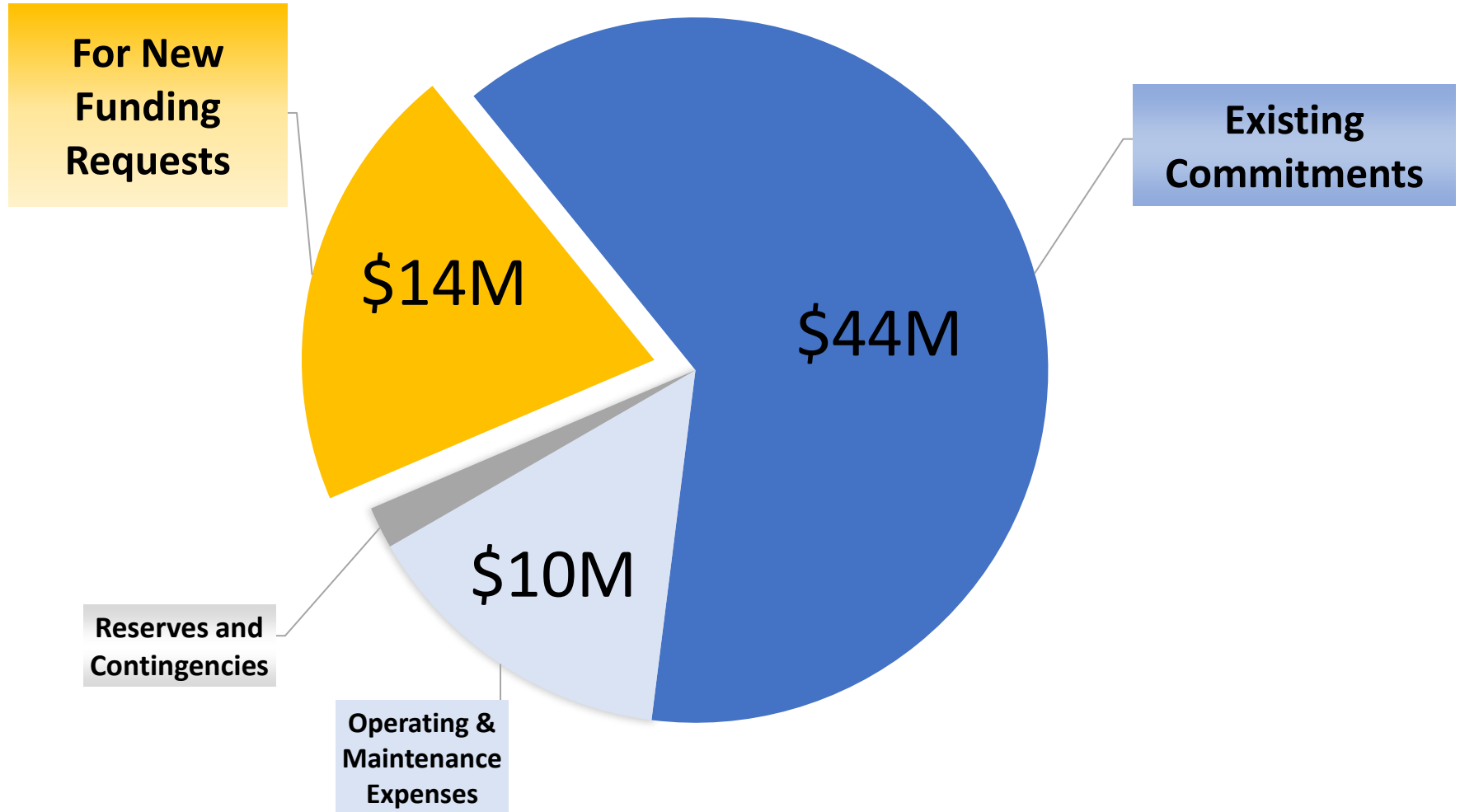


Desert Hot Springs Line C-1



Desert Hot Springs Pierson Blvd. Detention Basin

New CIP Development



New
Project
Requests

Public Input

New Funding Requests Received to Date

Cathedral City (\$2.6M)

1. Long Canyon Wash Crossing at Date Palm Drive (\$2.0M)
2. Varner Road and Edom Hill Road Outfall Improvements (\$0.6M)

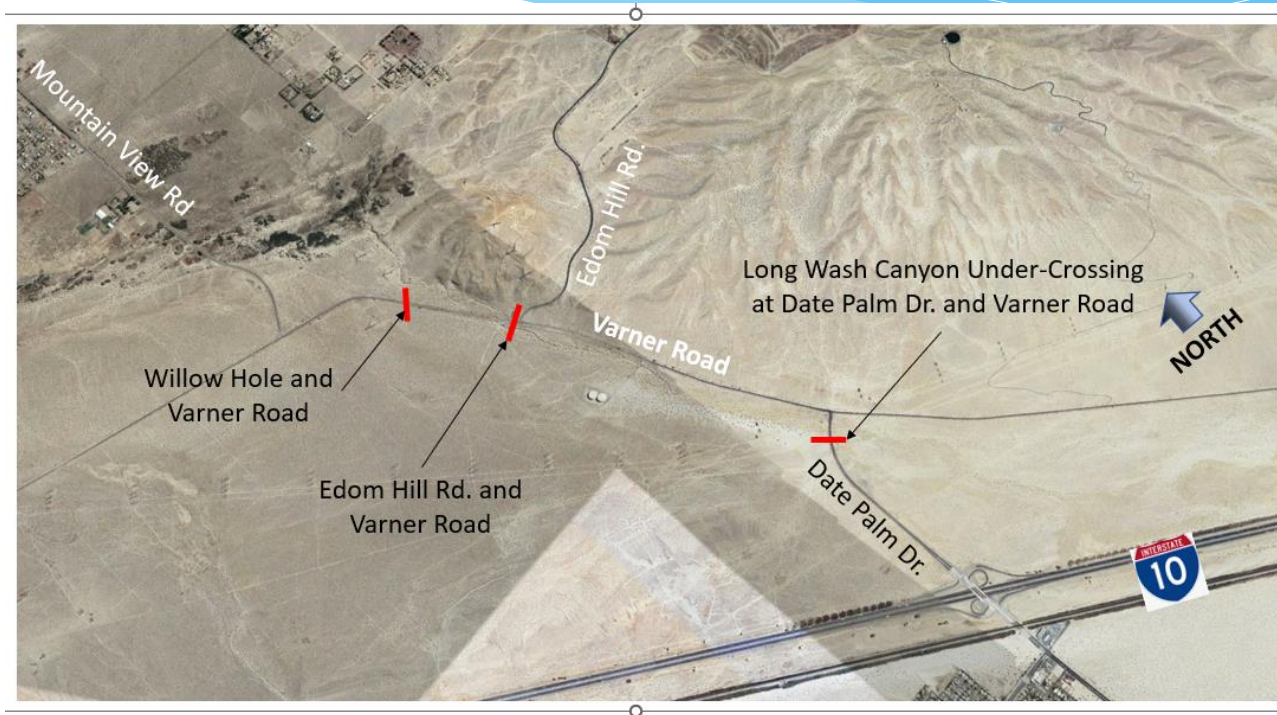
Desert Hot Springs (\$27.4M)

1. Desert Hot Springs Line A (Lines A, A-3, A-3C and A-2) (\$18.6M)
2. Desert Hot Springs Line B (\$8.8M)

Total +\$30.0M

Zone 6 Budget Hearing Project Solicitation

Projects Location



Cathedral City

DiscoverCathedralCity.com

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

RCFCD 5-YEAR CIP FY 22/23 TO FY 26/27 - CURRENT ALLOCATION = \$632,000



Cathedral City

DiscoverCathedralCity.com

Proposed Project VARNER RD. AND EDM HILL RD. OUTFALL IMPROVEMENTS

REQUESTED BUDGET= \$600,000



Cathedral City

DiscoverCathedralCity.com

Proposed Project

LONG CANYON WASH UNDER-CROSSING AT DATE PALM DR. AND VARNER RD.

REQUESTED BUDGET = \$1,996,500

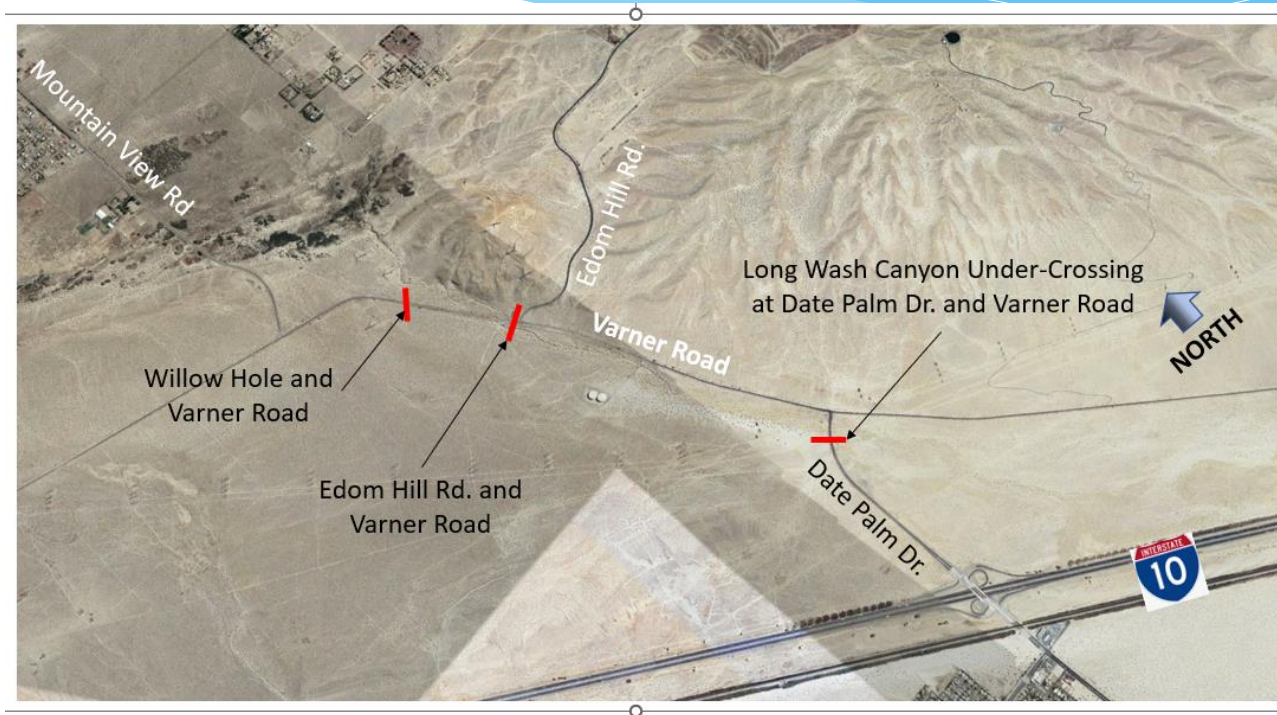


Cathedral City

DiscoverCathedralCity.com

Zone 6 Budget Hearing Project Solicitation

Projects Location



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