

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

AGENDA

Commissioners of Zone 4 of the Riverside County Flood Control and Water Conservation District will hold a Public Budget Hearing at 11:00 a.m. on Wednesday, December 13, 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 set for 11:00 a.m. on Wednesday, February 28, 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 4 Report to the Zone Commissioners By Jason E. Uhley, General Manager-Chief Engineer November 2023

Completed Projects

Potrero Creek Debris Basin Emergency Sediment Removal, Stage 90 (4-8-00025-90)

This District-led project was completed in November 2022 and removed approximately 350,000 cubic yards of accumulated sediment from the existing basin to restore its capacity and function. This project was funded by the District.

Romoland MDP Line A-3, Stages 2 and 3 (4-8-00431-02 & -03)

This District-led project is a portion of the Line A-3 system that will ultimately provide 100-year flood protection to the existing neighborhoods along Varela Lane and properties south of Varela Lane and east of Palomar Road. Construction of Stages 2 and 3 was completed in November 2022 and consisted of approximately 3,200 feet of underground box storm drain along Palomar Road beginning at Varela Lane, extending south along Palomar Road to the existing Stage 1 storm drain in Palomar Road at Mathews Road. This project enabled the construction of Stages 4 and 5 to extend the system east from Palomar Road along Varela Lane. The full benefit of this project will be realized when Stages 4 and 5 are constructed. This project was funded by the District.

Active District-Led Projects

Perris Valley Channel Lateral B, Stage 4 (4-8-00009-04)

This is a District-led proposed storm drain improvement project of approximately 6,000 feet of reinforced concrete box that will provide improved flood protection to the March Air Reserve Base (MARB) and enable proper drainage from adjacent properties. The project will collect the 100-year runoff from the Perris Valley Channel Lateral B, Stage 5 storm drain and convey the water south to the existing Perris Valley Channel Lateral B, Stage 2 at Heacock Street. The District will be responsible for operation and maintenance of the facility. This project is funded as a cost share between the District and the March Joint Powers Authority (\$4 million). The 100% plans, specifications, and environmental and permitting documents are scheduled to be completed by the end of 2023. The land easements and environmental clearances required from MARB are being processed by MARB. Once complete, the project will be ready to advertise for construction.

Little Lake MDP Line B, Stage 2 (4-8-00265-02)

This District-led storm drain project will install approximately 4,000 feet of underground storm drain along Meridian Street between Florida Avenue/Highway 74 and Whittier Avenue. This project will complete the backbone of the Line B system that will enable the future construction of additional masterplanned storm drains that will extend easterly along Acacia Avenue, Mayberry Avenue and Whittier Avenue. This project will reduce flooding to properties along and west of Meridian Street, however, when combined with those future storm drains, the overall system will provide full 100-year flood protection to the community. This project will collect storm runoff along the project reach and convey the flows to the existing Little Lake MDP Line B, Stage 1 facility at Florida Avenue/Highway 74. The District will be responsible for operation and maintenance of the facility. This project is funded by the District. The District has completed pothole services for conflicting utilities and is currently developing 60% design plans.

Green Acres Dam and Outlet (4-8-00330-00)

This is a District-led project for a potential earthen dam with the primary objective to reduce flooding in the Green Acres community located near Cortrite Avenue at Highway 74 and south along Highway 79. This project is expected to be funded and maintained by the District. A Project Charter is currently being developed.

Lakeview/Nuevo MDP Laterals D and E, Stage 1 (4-8-00331-01)

This District-led project will eliminate the existing Federal Emergency Management Agency (FEMA) floodplain downstream of the existing Lakeview Dam by collecting flows from the dam's low-level outlet pipe and conveying the flows in approximately 1.75 miles of underground storm drain westerly along Water Avenue to the existing Nuevo Channel at Yucca Avenue and 11th Street. The project will also reduce flooding along Water Avenue by including a detention basin south of Water Avenue to capture and detain runoff, and will include Lateral E along Bell Avenue which will reduce flooding along that street and to the community west of Bell Avenue. The District will be responsible for operation and maintenance of the storm drain and basin improvements. This project is funded by the District, including fees collected from the Lakeview-Nuevo Area Drainage Plan. The District finalized 30% design plans and is currently working on identifying utility pothole locations and right of way acquisitions.

Mead Valley MDP Line A, Stage 1 (4-8-00410-01)

Mead Valley MDP Line A will ultimately construct 3,000 feet master-planned storm drain facility from Brown Street to Alexander Street. The project is currently partially funded to identify and acquire parcels from willing sellers along the ultimate alignment of Mead Valley MDP Line A. This interim project to acquire parcels is a non-structural flood hazard mitigation program. This project is funded by the District. The District has acquired nine parcels to date and plans to acquire more parcels in Fiscal Year 23-24.

Good Hope - Olive Avenue Storm Drain, Stage 1 (4-8-00425-01)

This is a District-led project that will construct over two miles of various box and pipe sizes (18-90 inches in diameter) and a regional detention basin. This system will provide 100-year flood protection to the properties in the Good Hope area between Mountain Avenue and Eucalyptus Avenue east of Read Street and west of Theda Street. The District and Riverside County Transportation Department will share operation and maintenance responsibilities based on storm drain sizing. This project is funded as a cost share between the District and an external contribution from the Riverside County Transportation Department for paving. The design is currently in its 60% phase.

Romoland MDP Line A-3, Stages 4 and 5 (4-8-00431-04 & -05)

This District-led project will complete the Line A-3 storm drain system along Varela Lane east from Palomar Road to Malone Avenue. The project will collect runoff generated north of Varela Lane and convey it west along Varela Lane in an open channel from Malone Avenue to Menifee Road. Runoff is then conveyed in an underground storm drain across Menifee Road to the downstream connection with Stage 3 on Palomar Road. The total length of these two stages is approximately 6,510 feet of underground reinforced concrete box/pipe and open channel. Once the entire Line A-3 is complete, the system will help protect properties located along Varela Lane and east of Palomar Road. The District will be responsible for operation and maintenance of the facility. This project is funded by the District and fees collected from the Homeland/Romoland Line A Area Drainage Plan. The District is currently developing 100% design plans and specifications, coordinating with the City of Menifee and utility agencies, finalizing regulatory and environmental compliance and right of way acquisitions. The project is expected to be advertised this fiscal year.

Sunnymead-Indian Street Basin, Stage 90 (4-8-00735-90)

This District-led project provides improvements to the existing City of Moreno Valley (City)-owned 'Festival' Retention Basin located at the southeast area of Ironwood Avenue and Davis Street. The improvements include clearing and removal of vegetation and palm trees, the removal of deposited silts and regrading of the basin floor to establish low flow channel, installation of security and gates, re-establishment of a service road, installation of metal grates at the inlets/outlets and modifications to the existing basin spillway. Once these improvements are completed, the District will be responsible for future operation and maintenance of the basin. Prior to such time, the City remains fully responsible for the basin site. This project is funded by the District. The District is currently working on the 30% plans, specifications, and environmental compliance.

Active Partner-Led Projects

Bradley Road Bridge Over Salt Creek (4-6-10000-00)

The City of Menifee-led project will improve public safety and access along Bradley Road by replacing the existing low-flow crossing across Salt Creek with an all-weather (100-year) bridge crossing. The project is approximately 1,100 feet, including an approximately 400-foot bridge span, and is located between Potomac Drive to the north and Rio Vista Drive to the south. The City of Menifee will be responsible for operation and maintenance of the facility. The project is funded as a cost share between the District and the City of Menifee. An agreement has been executed and the District is currently reviewing final plans from the City of Menifee before issuing an Encroachment Permit for the construction of the bridge. Construction is anticipated to start in April 2024.

San Jacinto MDP Line J, Stage 2 (4-8-00038-02)

The City of San Jacinto-led project provides flood protection and consists of approximately 5,000 feet of trapezoidal channel. The project will collect flows from a City of San Jacinto development channel located south of Ramona Expressway and convey them north toward the San Jacinto Levee, outletting into the San Jacinto River. The District will be responsible for operation and maintenance of the facility. This project is funded by the District and fees collected from the San Jacinto Regional Area Drainage Plan. The design phase is anticipated to begin in Fiscal Year 23-24.

West Hemet MDP Line C, Stage 3 (4-8-00235-03)

This is a partnership project between the District, the City of Hemet (City) and a developer for Tracts 36510 and 36759. The system consists of approximately 4,700 feet of primarily earthen open channel, which will collect flows from the existing City-maintained Seattle Basin and convey them southerly along Cawston Avenue and westerly along Devonshire Avenue to just east of Myers Street (West Hemet MDP Line C, Stage 3). Stage 3 will be designed and constructed by the City. The system will continue across Myers Street as an underground reinforced concrete box storm drain for approximately 600 feet southwesterly (West Hemet MDP Line C, Stage 2) and will outlet into a City-maintained basin being constructed as part of Tract 36510 (Ramona Creek Basin); Stage 2 will be designed and constructed by the developer. This project will address the City's request to solve the ongoing drainage issue at Seattle Basin and will also provide a path forward for Tracts 36510 and 36759 by capitalizing on the timing of the design and construction of drainage improvements. The District will be responsible for operation and maintenance of both Stage 2 and Stage 3 once the Ramona Creek Basin is constructed, confirmed by the District to be an adequate outlet for the storm drain and accepted by the City for public maintenance. This project is funded by the District and fees collected from the Hemet Regional Area Drainage Plan. The District has been in the process of working with the City on formalizing a cooperative agreement.

San Jacinto MDP Lines E-2 and E-2A, Stage 1 (4-8-00251-01)

This is a City of San Jacinto-led project to provide flood protection to properties along State Street. The project consists of an underground storm drain ranging in pipe diameter from 30-72 inches that will collect 100-year storm runoff beginning in Menlo Avenue approximately 600 feet east of State Street and convey it north through State Street to the existing San Jacinto Line E improved channel. The approximate length of the facility is 7,000 feet. The District and City of San Jacinto will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District. The District will contribute \$4,710,000 toward construction of the project. The City of San Jacinto experienced delays after it was determined that utility relocations and an alignment redesign will be required to avoid utility conflicts. The City anticipates the project to be advertised by April 2024.

Sunnymead MDP Lines F and F-7, Stage 5 (4-8-00290-05)

This City of Moreno Valley-led project will reduce flooding for the homes and apartments along Hemlock Avenue, the businesses on Sunnymead Boulevard, and homes and local streets between Sunnymead Boulevard and Eucalyptus Avenue. The project will begin north of the 60 Freeway near Hemlock Avenue and Graham Street and extend westerly in an underground storm drain to Calle Sombra, where it will turn south under the 60 Freeway. South of the 60 Freeway, the project transitions to an open channel that continues south along the existing wash until it discharges to the existing channel east near Atlantic Circle. The overall project is 5,000 feet. The project also includes two small retention basins to attenuate flows south of Sunnymead Boulevard. The District will be responsible for operation and maintenance of the facility once it is constructed. This project is funded as a cost share between the District, fees collected from the Sunnymead Area Drainage Plan and a City of Moreno Valley acquired Federal Emergency Management Agency grant. The project is currently in the 60% design phase.

Moreno MDP Line F-18, Stage 1 (4-8-00403-01) [formerly known as Moreno MDP Line F-18 and F-19]

This City of Moreno Valley (City)-led project includes Master Drainage Plan (MDP) Line F-18 and City Line D-1. Line F-18 is approximately 1,300 feet of reinforced concrete pipe (RCP) and will capture flows from Alessandro Boulevard starting at Merwin Street and convey them toward Redlands Boulevard, connecting into the existing MDP Line F-2. City Line D-1 is approximately 1,100 feet of RCP and will capture flows from Maltby Avenue and convey them toward Redlands Boulevard, connecting into existing MDP Line F-2. This project will provide flood protection to the listed streets and the surrounding residences. The District will be responsible for the operation and maintenance of the Line F-18 facility, and Line D-1 will be operated and maintained by the City. Both projects are funded by the District. The District prepared a Cooperative Funding Agreement with the City to fund \$2 million toward design and construction costs for the project, which was executed in November 2020. The District is currently in the process of reviewing the project 60% design plans from the City-selected engineering consultant.

Perris Valley MDP Line E, Stage 5 (4-8-00488-05)

This City of Perris-led project involves the construction of a storm drain facility approximately 5,540 feet long on the north side of Ramona Expressway from Indian Avenue to the Perris Valley Channel to alleviate flooding at the intersection of Ramona Expressway and Perris Boulevard and serve as an outlet for existing storm drains that have been constructed in the area. The District will be responsible for operation and maintenance of the facility. The District has committed the funds that are available in the Perris Valley Area Drainage Plan. The Cooperative Agreement was executed in April 2021, and the City's biological consultants are currently resurveying the project area and preparing the project's California Environmental Quality Act documents.

Sunnymead MDP Line B-16A, Stage 2 (4-8-00614-02)

This is a City of Moreno Valley-led project to reduce flooding problems along Kitching Street and the surrounding community. Line B-16A will collect the 10-year runoff from Kalmia Street and convey it approximately 3,100 feet south within Kitching Street in an underground storm drain (24-36 inches) and will discharge into the existing District Sunnymead B-16A, Stage 1 storm drain located north of Ironwood Avenue. Implementation of the project may also reduce erosion and sediment accumulation along Kitching Street. The City of Moreno Valley will be responsible for operation and maintenance of the facility. This project is funded by the District. The Funding Agreement was executed October 6, 2020. The project design is complete, and the City of Moreno Valley is currently in the process of acquiring easements. After the right of way process is complete, the City of Moreno Valley plans to advertise the project for construction.

Moreno MDP Line K-1, Stage 2 (4-8-00766-02)

This City of Moreno Valley-led project consists of an underground facility that will reduce flooding of Ironwood Street west of the intersection of Pettit Street. The 1,600 feet of storm drain will collect runoff arriving from north of Ironwood and convey it west within Ironwood Avenue where it will be discharged into the District's existing Line K floodplain between Moreno Beach Drive and Oliver Street. The District will be responsible for operation and maintenance of the facility. This project is funded by the fees collected from the Moreno Area Drainage Plan and a City of Moreno Valley acquired Federal Emergency Management Agency grant. Due to a utility conflict, estimated construction completion is now January 2024.

San Jacinto Valley MDP Line G-3 (4-8-09083-00)

The City of San Jacinto-led project proposes approximately 1,100 feet of 20'W x 5.5'H rectangular channel and two 2-cell 10'W x 5'H reinforced concrete box systems. The project will collect flows from an area east of Palm Avenue and Investor Place and convey them northwesterly into the San Jacinto Reservoir owned by Eastern Municipal Water District. The project will provide flood protection and an adequate outlet for development in the surrounding area. The District will be responsible for operation and maintenance of the facility. This project is funded by the District. The City expects that this project will be designed in Fiscal Year 23-24.



















Date Created

6/22/2023















6/21/2023

Date Created



Moreno MDP Line F-18 Supervisorial District 5

VICINITY MAPImage: Strain Strain

approximately 1,300 feet of reinforced concrete pipe (RCP) and will capture flows from Alessandro Boulevard starting at Merwin Street and convey flows toward Redlands Boulevard, connecting into the existing MDP Line F-2. City Line D-1 is approximately 1,100 feet of RCP and will capture flows from Maltby Avenue and convey flows toward Redlands Boulevard, connecting into existing MDP Line F-2. This project will provide flood protection to the listed streets and the surrounding residences. The District will be responsible for the operation and maintenance of the Line F-18 facility, and Line D-1 will be operated and maintained by the City.

Legend

- Moreno MDP Line F-18 and D-1
- ---- Exisiting Below Ground District Facilities
 - Un-budgeted District Facilities
 - City Facilities

Flood Hazard Area

ZONE 4

ROY "PETE" BLECKERT, 5th District KEN GRAFF, 3rd District BRAD SCOTT, 1st 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

JULY 1, 2022 \$59,718,287 JUNE 30,2023 \$71,855,776

\$6,785,000

Property Taxes – 90% \$28,373,000

ZONE 4

ROY "PETE" BLECKERT, 5th District KEN GRAFF, 3rd District BRAD SCOTT, 1st District

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Forecasting

FY24-25 thru FY28-29

Original Projections vs. Revised Projections Additional Property Tax Revenue Available

Forecasting \$38,310,000 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 valleys4-13" 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

≊USGS

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

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

Coachella Avenue 50 at Whitewater River



Salton Sea Delta at Whitewater River



Zone 4 Budget Hearing December 13, 2023



For attendees participating via TEAMS:

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

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







District Staff Evaluate projects, costs, funding





Darrylenn Prudholme-Brockington

Chief of Finance

ZONE 4

ROY "PETE" BLECKERT, 5th District **KEN GRAFF**, 3rd District



Fund Balance for FY 2022–2023







Sources

TOTAL \$35,158,000

Property Taxes - 90%

\$28,373,000



ZONE 4

ROY "PETE" BLECKERT, 5th District **KEN GRAFF**, 3rd District **BRAD SCOTT**, 1st District

Forecasting FY24-25 thru FY28-29

Original Projections vs. Revised Projections Additional Property Tax Revenue Available \$150,000,000 \$100,000,000 \$146,677,000 \$157,133,000

Additional Revenue \$10,456,000

5th Year Of

New CIP FY28-29 \$27,854,000

Original Projections

Revised Projections

\$50,000,000

\$0

Forecasting \$38,310,000 to be available for Cost Increases on Existing Projects and New Requests



District Projects



Existing 5-Year CIP

Current Allocations

• \$174M

33 projects 14 District-Led 19 Partner Led

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DISTRICT LED PROJECT SUMMARY - ZONE 4 FISCAL YEARS 2023-24 THROUGH 2027-28

			Project Cost	Appr	opriations		Funding Sources (5-Year	r Total)	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 & CONSTRUCTION PROJECTS									
4-8-00009	04	PERRIS VALLEY LATERAL B	\$15,466,856	\$153,894	\$15,312,962	\$11,466,856	\$0	\$4,000,000	\$0
4-8-00265	02	LITTLE LAKE MDP LINE B STG 2	12,118,487	430,049	11,688,438	12,118,487	0	0	0
4-8-00330	00	GREEN ACRES DAM	17,188,204	410,557	16,777,647	17,188,204	0	0	0
4-8-00331	01	LAKEVIEW/NUEVO MDP LATS D & E	10,163,395	873,944	9,289,451	9,140,479	22,916	1,000,000	0
4-8-00425	01	GOOD HOPE-OLIVE AVENUE SD	19,880,469	1,406,325	18,474,144	19,480,469	0	400,000	0
4-8-00431	04	ROMOLAND MDP LINE A-3	9,615,843	48,223	9,567,620	9,615,843	0	0	0
4-8-00735	90	SUNNYMEAD-INDIAN STREET BASIN	1,038,346	100,000	938,346	1,038,346	0	0	0
		DESIGN & CONSTRUCTION PROJECTS	\$85,471,600	\$3,422,992	\$82,048,608	\$80,048,684	\$22,916	\$5,400,000	\$0
PLANNING PROJECTS									
4-8-00410	01	MEAD VALLEY MDP LINE A	\$9,272,000	\$1,000,000	\$8,272,000	\$9,272,000	\$0	\$0	\$0
4-8-00010	02	PERRIS VALLEY CHANNEL	1,166,314	0	1,166,314	0	1,166,314	0	0
4-8-00219	01	HEMET - SOUTH DARTMOUTH ST SD	419,927	0	419,927	419,927	0	0	0
4-8-00486	04	PERRIS VALLEY MDP LN B-1 EXT	216,192	0	216,192	216,192	0	0	0
4-8-09110	00	LAKEVIEW NUEVO MDP LAT A RSTOR	2,158,685	0	2,158,685	2,158,685	0	0	0
4-8-09115	00	PERRIS VALLEY MDP LINE H-12	650,799	0	650,799	650,799	0	0	0
4-8-09117	00	AZUSA CHANNEL	3,600,000	0	1,200,000	1,200,000	0	0	(2,400,000)
		PLANNING PROJECTS	\$17,483,917	\$1,000,000	\$14,083,917	\$13,917,603	\$1,166,314	\$0	(\$2,400,000)
		ZONE 4 DISTRICT LED PROJECT TOTALS	\$102,955,517	\$4,422,992	\$96,132,525	\$93,966,287	\$1,189,230	\$5,400,000	(\$2,400,000)

FIVE-YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2023:		\$66,943,136	APPROPRIATIONS:	
			District Led Project Appropriations	\$100,555,517
	REVENUE:		Partner Led Project Appropriations	\$74,165,186
	Taxes	\$146,677,246	Miscellaneous Watershed Protection Projects	\$1,000,000
	Interest	\$3,211,714	Capital Project Cost Inflation	\$3,357,506
	ADP Fees	\$200,000	Real Estate Acquisition	\$6,000,000
	Rental	\$73,500	Operating & Maintenance Expenses	\$39,898,602
	Subtotal Revenue	\$150,162,460	Contingencies	\$2,802,244
	External Contribution	\$16,612,938	Debt Service Payments	\$5,637,250
	Total Five Year Revenue	\$166,775,398	Total Five Year Appropriations	\$233,416,305
	Total Funds Available	\$233,718,534	ENDING FUND BALANCE - JUNE 30, 2028:	\$302,229

Existing Commitments

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT PARTNER LED PROJECT SUMMARY - ZONE 4 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	Contribution to	District Direct	Contribution to	Tax Revenue	ADP	External	Funded
			-	Direct Cost	Partner Agency	Cost	Partner Agency		Contribution	Contribution	
PARTNER LED CONTRIBUTION PROJECTS											
4-6-10000	00	BRADLEY RD BRIDGE OVER SLT CRK	\$8,300,000	\$0	\$2,000,000	\$0	\$0	\$2,000,000	\$0	\$0	(\$6,300,000)
4-8-00614	02	SUNNYMEAD MDP LINE B-16A	1,886,942	36,900	1,850,042	0	0	1,886,942	0	0	0
4-6-10003	00	MURRIETA & GARBANI UNDERCRSSNG	674,000	0	0	0	674,000	674,000	0	0	0
4-6-10004	00	ROMOLAND MDP LATERAL A-8a	400,000	0	0	0	400,000	400,000	0	0	0
		PARTNER LED CONTRIBUTION PROJECTS	\$11,260,942	\$36,900	\$3,850,042	\$0	\$1,074,000	\$4,960,942	\$0	\$0	(\$6,300,000)
PARTNER LE	ED CA	PITAL IMPROVEMENT PROJECTS									
4-8-00038	02	SAN JACINTO MDP LINE J	\$2,895,002	\$0	\$500,000	\$155,877	\$2,239,125	\$2,890,382	\$4,620	\$0	\$0
4-8-00235	03	WEST HEMET MDP LINE C	5,408,093	412,618	0	4,995,475	0	5,011,765	396,328	0	0
4-8-00251	01	SAN JACINTO MDP LNS E-2 & E-2A	5,021,216	311,216	4,710,000	0	0	5,021,216	0	0	0
4-8-00290	01	SUNNYMEAD MDP LINE F, F-7	9,000,000	0	300,000	100,000	5,800,000	4,776,348	1,423,652	0	(2,800,000)
4-8-00766	02	MORENO MDP LINE K-1	500,000	0	500,000	0	0	0	500,000	0	0
4-8-09083	00	SAN JACINTO VALLEY MDP LN G-3	1,565,560	100,000	196,544	256,415	1,012,601	1,565,560	0	0	0
4-8-00013	01	SUNNYMEAD CACTUS AVE CHANNEL	20,212,938	0	0	20,212,938	0	9,000,000	0	11,212,938	0
4-8-00403	01	MORENO MDP LINE F-18	3,055,000	0	0	100,000	2,955,000	3,055,000	0	0	0
4-8-00488	05	PERRIS VALLEY MDP LINE E	4,455,435	0	0	155,435	4,300,000	0	4,455,435	0	0
4-8-00670	03	SUNNYMEAD MDP LINE H	2,850,000	0	0	100,000	2,750,000	2,850,000	0	0	0
4-8-00766	03	MORENO MDP LN K-1 ST 3 LN K-4	3,745,000	0	0	100,000	3,645,000	3,600,961	144,039	0	0
4-8-09053	00	SUNNYMEAD LINE A-1	2,000,000	0	0	0	2,000,000	2,000,000	0	0	0
4-8-09093	00	MORENO WEST END MDP LINE GG	1,700,000	0	0	0	1,700,000	1,618,601	81,399	0	0
4-8-09107	00	HOLLAND CH/BRIGGS RD CULVERT	25,530,000	0	0	4,446,000	0	4,446,000	0	0	(21,084,000)
4-8-09116	00	CHAMBERS STREET & LYONS AVE SD	5,150,000	0	0	0	5,150,000	5,150,000	0	0	0
PARTNER LED CAPITAL IMPROVEMENT PROJECTS		\$93,088,244	\$823,834	\$6,206,544	\$30,622,140	\$31,551,726	\$50,985,833	\$7,005,473	\$11,212,938	(\$23,884,000)	
		ZONE 4 PARTNER LED PROJECT TOTALS	\$104,349,186	\$860,734	\$10,056,586	\$30,622,140	\$32,625,726	\$55,946,775	\$7,005,473	\$11,212,938	(\$30,184,000)

Existing Commitments

Zone 4 Report to the Zone Commissioners By Jason E. Uhley, General Manager-Chief Engineer November 2023

Completed Projects

Potrero Creek Debris Basin Emergency Sediment Removal, Stage 90 (4-8-00025-90)

This District-led project was completed in November 2022 and removed approximately 350,000 cubic yards of accumulated sediment from the existing basin to restore its capacity and function. This project was funded by the District.

Romoland MDP Line A-3, Stages 2 and 3 (4-8-00431-02 & -03)

This District-led project is a portion of the Line A-3 system that will ultimately provide 100-year flood protection to the existing neighborhoods along Varela Lane and properties south of Varela Lane and east of Palomar Road. Construction of Stages 2 and 3 was completed in November 2022 and consisted of approximately 3,200 feet of underground box storm drain along Palomar Road beginning at Varela Lane, extending south along Palomar Road to the existing Stage 1 storm drain in Palomar Road at Mathews Road. This project enabled the construction of Stages 4 and 5 to extend the system east from Palomar Road along Varela Lane. The full benefit of this project will be realized when Stages 4 and 5 are constructed. This project was funded by the District.

Active District-Led Projects

Perris Valley Channel Lateral B, Stage 4 (4-8-00009-04)

This is a District-led proposed storm drain improvement project of approximately 6,000 feet of reinforced concrete box that will provide improved flood protection to the March Air Reserve Base (MARB) and enable proper drainage from adjacent properties. The project will collect the 100-year runoff from the Perris Valley Channel Lateral B, Stage 5 storm drain and convey the water south to the existing Perris Valley Channel Lateral B, Stage 2 at Heacock Street. The District will be responsible for operation and maintenance of the facility. This project is funded as a cost share between the District and the March Joint Powers Authority (\$4 million). The 100% plans, specifications, and environmental and permitting documents are scheduled to be completed by the end of 2023. The land easements and environmental clearances required from MARB are being processed by MARB. Once complete, the project will be ready to advertise for construction.

Construction Projects



Bautista Basins Restoration

- Originally \$2.7M, increased scope following Tropical Storm Hillary; \$3.3M
- About 90% complete with upgraded scope





Potrero Basin SJR Levee Restorations

- Dual Restoration effort currently underway
- Estimated \$1M
- Complete early 2024

Perris Valley Channel Sediment Removal

- Restoration effort recently bid
- \$1M
- Starting early 2024



Active Design Projects

District-Led

1125 350



Perris Lateral B, Stage 4

- Estimated Cost: \$16M
- Cost share with MJPA
- 1 Mile Storm Drain

Existing Lateral B



Little Lake MDP Line B, Stage 2

- \$16M
- 60% Design
- Finalizing hydraulics



Lakeview-Nuevo Lateral D & E

- \$13.6M
- R/W negotiations underway
- Advertise Q4 2024 pending R/W



Good Hope Olive Avenue SD

- \$21M
- Numerous watercourses though private property cause repeated flooding
- Coordination with Property Owners and County Transportation
 Ongoing



Romoland Line A-3, Stages 4 & 5

- \$13M
- Continuing from the recently completed Stg 3 and extend East
- Expected advertise by mid 2024



Partner Projects

Deborah de Chambeau

Chief of Planning



Bradley Road Bridge Over Salt Creek

- City of Menifee-led project
- District and City cost share
- Replacing existing low-flow crossing with all-weather bridge crossing
- Anticipate advertising Spring 2024

San Jacinto Line E-2 and E-2a



- City of San Jacinto-led project
- 7,000 feet of Underground Storm Drain
- District funded
- Anticipate advertising April 2024

Sunnymead MDP Line B-16a





Moreno MDP Line F-18 & D-1

- City of Moreno Valleyled project
- Anticipate advertising FY 2024/2025
Sunnymead Line F and F-7



- City of Moreno Valleyled project
- 5,000 feet and 2 basins
- Partially District funded / FEMA grant



Recent Activity and Trends

Recent Issues





Public Input

New Funding Requests Received to Date

Total over \$69.4M

Moreno Valley (\$32.2M)	City of San Jacinto (\$14M)	Public (\$15.9+M)	Office of Economic Development (\$0.5M)
 Cactus Detention Basin (\$14.9M) Moreno MDP Line H-11 (\$1.3M) Moreno Line K (\$16M) 	 San Jacinto Line H (+6M) San Jacinto Line E (+\$8M) 	 Mead Valley Dawes Street Storm Drain Extension (\$10M+) Quincy Channel at Alessandro Blvd and Bay Avenue (\$5.9M) 	• Metz Road Lateral Storm Drain (\$0.5M)
		District (<mark>\$6M</mark>)	City of Menifee (\$0.8M)
		•Real Estate Acquisition for basin sites (\$6M)	•Chambers Avenue Drainage Improvements (\$0.8M)



Cactus Detention Basin

Engle St.

wa Way

35

Moreno MDP Line H-11



Moreno Line K





San Jacinto Line E

Varren Rd

Byrd St

14.

EDODO EXDY

Golden Era Golf Course

Do SAR

Record Rd

Potter-Rd

Stay View Perk

SINONS EXD

N Sanderson

Line E

N Sanderson Ave

Ramona Expy

Mead Valley - Dawes Street Storm Drain Extension Mead Valley Line A2 and Extension



Quincy Channel





MDP Basins – Land Acquisition





Metz Road Lateral Storm Drain



Chambers Avenue Storm Drain

Sun City Golf.

cheru



Funding Request for Mead Valley Dawes Street Storm Drain Extension







RCTD CAJALCO ROAD WIDENING AND SAFETY ENHANCEMENT PROJECT



End of Presentation