

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

AGENDA

Commissioners of Zone 1 of the Riverside County Flood Control and Water Conservation District will hold a Public Budget Hearing at 3:00 p.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 3:00 p.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 1 Report to the Zone Commissioners By Jason E. Uhley, General Manager-Chief Engineer November 2023

Completed Projects

Monroe MDP Line E, Stages 2 and 3 (1-8-00073-02 & -03)

This City of Riverside-led project constructed in March 2023 consisted of an 11,200-foot underground storm drain system that is now reducing flooding along Gratton Street, Hermosa Drive and Dufferin Avenue in the Arlington Heights neighborhood of Riverside. The storm drain will collect stormwater along Hermosa Drive, convey it along Gratton Street and discharge into the existing portion of Line E north of Lincoln Avenue and into Monroe Basin.

Paramount Estates MDP Line C, Stage 1 (1-8-00266-01)

This project was a collaboration between the District, the City of Jurupa Valley and a developer to deliver the master-planned Line C storm drain system. Construction was completed in February 2023, and this project is now providing flood protection for the existing neighborhood southwest of the Canal Street and Opal Street intersection in Jurupa Valley. Through the collaboration with the developer, it will also provide flood protection to parts of Tentative Tract Map 37211. The project constructed 1,100 feet of various size (36"-48") reinforced concrete pipe, 77 feet of a double cell 11'x7' reinforced concrete box and modifications to both the existing Sunnyslope Channel and Sunnyslope Channel Freeway Lateral.

Active District-Led Projects

Santa Ana River - Levee Rehabilitation, Stage 90 (District Reach) (1-8-00010-90)

This District-led project will rehabilitate the non-federal reach of the Santa Ana River levee system to ensure the levee is adequately protected consistent with Federal Emergency Management Agency certification standards. While the levee protects the citizens of Riverside County, this portion of the levee is located within the County of San Bernardino, starting near S. Old Pellisier Road and extending southeasterly downstream approximately 6,165 feet to the Riverside-San Bernardino County line where the project will tie into the terminus of the Army Corps-led Santa Ana River - Levee Rehabilitation (Federal Reach). Levee rehabilitation will include replacing and grouting the existing levee rock slope protection, as well as extending the rock slope protection deeper below the calculated scour depths. The District will be responsible for operation and maintenance of the facility. This project is funded by the District. The District has completed its selection of a qualified consulting firm and has initiated active development of the project.

Sycamore Dam Outlet Modification, Stage 90 (1-8-00042-90)

This is a District-led project to upgrade the safety and operation of the existing Sycamore Dam located southeast of the Central Avenue-Chicago Avenue intersection. The improvements include replacing the existing gate assembly and control system, replacing the existing outlet structure with a new debris rack to reduce clogging potential and redesigning the maintenance access road for safer entry from Central Avenue. The District will be responsible for operation and maintenance of the facility. This project is funded by the District. The project also includes the development of two standard drawings for outlet structures (one gated and one non-gated), which can be used at various dam and basin sites. The District's consultant has completed development of these standard drawings and has started production of plans for this specific project.

Zone 1 Report to the Zone Commissioners November 2023

San Sevaine Dodd Street Storm Drain, Stage 1 (1-8-0052-01)

This District-led project proposes the construction of approximately 1,780 feet of 84-inch to 90-inch reinforced concrete pipe to help alleviate flooding along this reach of Dodd Street. The project will collect runoff beginning at 60th Street within Dodd Street and convey it south to Limonite Avenue, then proceed west along Limonite Avenue for approximately 40 feet before outletting into the Santa Ana River on the south side of Limonite Avenue. The project will also enable the District to pursue the more extensive Stage 2 project in the future, which will extend flood protection further north along Dodd Street. The District will be responsible for operation and maintenance of the facility. This project is funded by the District. Currently, the District is preparing a Project Charter, which will confirm the project scope, objectives, potential alternative alignments, secure topographic surveys and define the roles and responsibilities for the project stakeholders.

Sunnyslope Channel Trash Retrofit, Stage 90 (1-8-00100-90)

This is a District-led project in the District's Sunnyslope Channel within the Louis Rubidoux Nature Center. The project proposes to retrofit the channel by placing metal trash grates at the downstream end of the channel. The trapezoidal channel will be modified to a rectangular channel near the two most downstream channel access ramps. The metal grates will be designed within the rectangular channel in a way that they will hinge open with the force of the flows to avoid compromising the channel capacity during a 100-year storm event. The Middle Santa Ana River is impaired for bacteria and had a bacteria TMDL established in 2007. Additionally, the State adopted Trash Amendments per Water Code 13383 orders in 2015. Implementation of the proposed project will assist in accomplishing both requirements. The District will be responsible for operation and maintenance of the trash screening devices and removal of collected material. This project is funded by the District. Currently, the District is preparing a Project Charter, which will identify project scope, objectives, secure topographic surveys and define roles and responsibilities for the project stakeholders.

Active Partner-Led Projects

Riverside Northside Specific Plan MDP (1-6-10001-00)

The City of Riverside is leading this study of the Northside Specific Plan area, which is located northwest of the Interstate 215/91 and 60 Freeway interchange. This detailed study will evaluate the storm drain infrastructure needed to provide flood protection to the area and allow the Northside Specific Plan to become a new City- and District-adopted master drainage plan (MDP) and supersede the Northside area portion of the University MDP. The City of Riverside and consultant are reviewing the affected existing University MDP infrastructure and then potentially proposing new alignments or increasing the size, if necessary, for the remaining proposed facilities. This study is funded by the District. The City of Riverside has hired a consultant to assist with the development of the MDP.

Santa Ana River Levee Rehabilitation Federal Reach, Stage 91 (1-8-00010-91)

This U.S. Army Corps of Engineers (Corps)-led project is rehabilitating damaged portions of the federally constructed reach of the Santa Ana River levee system, which begins at the San Bernardino County line and continues southwesterly to 46th Street. Approximately 9,000 feet of the right (west) levee will be rehabilitated starting from Market Street and continuing southwesterly downstream to just past Capary Road. Approximately 4,000 feet of the left (east) levee will be rehabilitated starting from the County line, continuing southwesterly downstream to approximately Columbia Avenue. This project also includes a short reach of the left (east) levee between Market Street and State Route 60. Levee rehabilitation will include replacing and grouting the existing levee rock slope protection, as well as extending the rock slope

Zone 1 Report to the Zone Commissioners November 2023

protection deeper than the existing condition. Upon project completion and the District receiving the Operations, Maintenance, Repair, Replacement, and Rehabilitation Manual, the District will be responsible for operation and maintenance of the facility. The project is fully funded by the Corps, but as the local sponsor, the District is responsible for Lands, Easements, Rights of Way, Relocation, and Disposal Areas. The Corps awarded the project construction to Skanska USA on June 6, 2022. The District managed pre-construction transient coordination efforts with multiple partners, such as the Riverside County Regional Park and Open-Space District, Riverside County Housing and Workforce Solutions, City of Riverside and their multi-disciplinary team, City of Jurupa Valley, Riverside County Sheriff and Riverside Police Department, to assist with the construction of the right levee. In 2023, moderate progress has been made on the rehabilitation of the right levee, however, groundwater dewatering has been challenging. Rehabilitation of the left levee is expected in fall 2024.

Monroe MDP - Monroe Storm Drain, Stage 5 (1-8-00071-05)

The City of Riverside (City)-led project will upgrade the capacity of the existing Monroe Channel to adequately convey flows from a 10-year storm event. The project will replace and collect flows from the existing channel with 3,600 feet of underground storm drain from California Avenue to Colorado Avenue. The project will include multi-benefit features as the City will construct a public use trail over the underground storm drain for a recreational feature to the neighboring community. The District will secure an easement from the City and be responsible for the operation and maintenance of the underground storm drain facility, and the City will be responsible for all surface improvements and multi-benefit features. The storm drain elements of the project will be funded by the District, and the City will fund all surface/multi-benefit improvements. The Cooperative Agreement between the District and the City was executed in September 2021, and the City is currently working on the Request for Proposal to hire an engineering firm to design the project. The start of design is expected in FY 23-24.

Box Springs MDP Line D, Stage 1 (1-8-00089-01)

This City of Riverside-led project will construct 4,300 feet of 78-inch to 60-inch diameter underground storm drain line to collect and convey flows from the intersection of Kansas Avenue and Third Street to the intersection of Mission Inn Avenue and Commerce Street where it will tie into the District's existing Box Springs Storm Drain. The project will alleviate flooding issues experienced within the area. The District will be responsible for the operation and maintenance of the facility. This project is funded by the District. The District is currently reviewing the City of Riverside's 60% plans.

University Area MDP Line 7, Stage 2 (1-8-00129-02) [formerly known as Spring Mountain Ranch Lines 7 and 7-A Storm Drain Extension]

The City of Riverside-led project proposes to reduce the scouring and erosion concerns currently experienced at the existing outlets in the Spring Mountain Ranch/Spring Brook Wash area located north of Palmyrita Avenue between Mt. Vernon and Michigan Avenues in the city of Riverside. The project extends the existing 66-inch and 48-inch pipes of Line 7 and Line 7-A (1-8-00126-02 University Area MDP Line 7A), respectively, north into the existing natural channels and includes construction of outlets and minor repairs to an existing retaining wall. The project will have potential for multi-benefits as the City of Riverside plans to utilize the area as recreational open space for public use once the storm drain improvements are in place. The District will continue to maintain the outlet and the City of Riverside will be responsible for all open space/public uses. Design has been completed. Construction may occur in late FY24-25.

Zone 1 Report to the Zone Commissioners November 2023

Southwest Riverside MDP Line E-1, Stage 1 (1-8-00306-01)

The City of Riverside-led project will construct 4,150 feet of 48-inch storm drain. The project will collect flows from the natural low in Dufferin Avenue and convey them southwest to John Street, then continue northwest within John Street to Victoria Avenue, then head northeast in Victoria Avenue where it will connect to the existing City-maintained Harrison Dam Outlet, Stage 1. The project will alleviate flooding issues affecting the surrounding area. The District will be responsible for operation and maintenance of the facility. This project is funded by the District and funds from the Southwest Riverside Area Drainage Plan. The Cooperative Agreement between the District and the City of Riverside was executed in December 2022, and the City of Riverside is currently working on the Request for Proposal to hire an engineering firm to design the project. Design is set to start Fiscal Year 23-24.









RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT Paramount Estates MDP Line C







Description

This District-led project will rehabilitate the 'non-federal' reach of the Santa Ana River levee system to ensure the levee is adequately protected consistent with Federal Emergency Management Agency certification standards. The project is located within the County of San Bernardino, starting near S. Old Pellisier Road and extending southeasterly downstream approximately 6,165 feet to the Riverside-San Bernardino County line where the project will tie into the terminus of the Army Corps-led Santa Ana River - Levee Rehabilitation (Federal Reach) Levee rehabilitation will include replacing and grouting the existing levee rock slope protection, as well as extending the rock slope protection deeper below the calculated scour depths. The District will be responsible for operation and maintenance of the facility.

	Legend										
	Santa Ana River – Levee Rehabilitation (District Reach)										
10		Exisiting Above	Ground District Facilities								
100	Exisiting Below Ground District Facilities										
	Natural Flowlines										
Stall.	■■■ City Boundary										
	FEMA Floodplain										
SP-		Flood Hazard A	rea								
1	0	222	1.000								
1	0	800	1,600								
1690			Feet								
	Pro	oject No.	1-8-00010-90								
	En	gineer	H.Yang								
	Date	e Created	6/19/2023								

W<





RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT Sunnyslope Channel Trash Retrofit

Supervisorial District 2

Description

This is a District-led project in the District's Sunnyslope Channel within the Louis Rubidoux Nature Center. The project proposes to retrofit the channel by placing metal trash grates at the downstream end of the channel. The trapezoidal channel will be modified to a rectangular channel near the two most downstream channel access ramps. The metal grates will be designed within the rectangular channel in a way that they will hinge open with the force of the flows to avoid compromising the channel capacity during a 100-year storm event. The channel trash retrofit will help meet objectives to prevent trash from getting into the Santa Ana River and help the Santa Ana Watershed Authority, Orange County Water District and other agencies from removing large amounts of trash within the creek. This will also benefit the critical habitat of the vulnerable Santa Ana Sucker fish. The District will be responsible for operation and maintenance of the trash screening devices and removal of collected material.

Legend

- Sunnyslope Channel Trash Retrofit
- Exisiting Above Ground District Facilities
- ----- Exisiting Below Ground District Facilities
- ---- Natural Flowlines
 - FEMA Floodplain

Flood Hazard Area

Santa Ana River Levee Rehabilitation (Federal Reach)

Supervisorial District 2

6/19/2023

Date Created

	Engineer Date Created	T. Hanson 6/22/2023							
	Project No.	1-8-00129-02							
/		Feet							
	0 400	800							
11	FEMA Floodplain								
11	City Boundary								
	Natural Flowlines								
10 10 10 10 10 10 10 10 10 10 10 10 10 1	City Facilities								
	Un-budgeted Di	strict Facilities							
	Exisiting Below Ground District Facilities								
	University Area MDP Line 7 Exisiting Above Ground District Faciliti								
	Legend								
And and a second s									

ZONE 1

DON HARRIGER, 1st District CHUCK KRIEGER, 2nd District SEAN MILL, 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 **\$46,560,639** JUNE 30,2023 **\$53,957,588**

ZONE 1

DON HARRIGER, 1st District CHUCK KRIEGER, 2nd District SEAN MILL, 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.

Forecasting FY24-25 thru FY28-29

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 1 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

District Staff Evaluate projects, costs, funding

Darrylenn Prudholme-Brockington

Chief of Finance Division

ZONE 1

DON HARRIGER, 1st District CHUCK KRIEGER, 2nd District SEAN MILL, 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 \$46,560,639 JUNE 30,2023 \$53,957,588

ZONE 1

DON HARRIGER, 1st District CHUCK KRIEGER, 2nd District SEAN MILL, 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.

Forecasting FY24-25 thru FY28-29

District Projects

5-Year Allocations per CIP

- 22 District-Led
- 8 Partner-Led

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DISTRICT LED PROJECT SUMMARY - ZONE 1 FISCAL YEARS 2023-24 THROUGH 2027-28

			Project Cost Appropriations Funding Sources (5-Year Total)			r Total)	Total NOT		
Project	Project Stg Project Title		Total Remaining	FY 2023-24	FY 2025-28	Tax Boyonuo	ADP	External	District
Number	No.	Project fille	Cost	Year 1	Year 2-5	Tax Revenue	Contribution	Contribution	Funded
DESIGN & C	ONS	TRUCTION PROJECTS							
1-8-00010	90	SANTA ANA RIVR LV REHB DISTRCT	\$21,412,162	\$845,310	\$20,566,852	\$21,412,162	\$0	\$0	\$0
1-8-00042	90	SYCAMORE DAM OUTLET MOD	2,434,029	284,604	2,149,425	2,434,029	0	0	0
1-8-00041	90	BOX SPRINGS DAM OUTLET MOD	2,299,658	0	2,299,658	2,299,658	0	0	0
1-8-00043	90	ALESSANDRO DAM OUTLET MOD	2,299,508	0	2,299,508	2,299,508	0	0	0
1-8-00044	90	PRENDA DAM OUTLET MODIFICATION	2,300,708	0	2,300,708	2,300,708	0	0	0
1-8-00046	90	HARRISON DAM OUTLET MOD	2,299,658	0	2,299,658	2,299,658	0	0	0
1-8-00180	90	MARY STREET DAM OUTLET MOD	2,300,269	0	2,300,269	2,300,269	0	0	0
		DESIGN & CONSTRUCTION PROJECTS	\$35,345,992	\$1,129,914	\$34,216,078	\$35,345,992	\$0	\$0	\$0
PLANNING	PROJ	ECTS							
1-8-00052	01	SAN SEVAINE DODD ST SD STAGE 1	\$4,250,000	\$200,183	\$4,049,817	\$4,250,000	\$0	\$0	\$0
1-8-00100	90	SUNNYSLOPE CH TRASH RETROFIT	2,080,000	80,000	2,000,000	2,080,000	0	0	0
1-8-00052	02	SAN SEVAINE DODD ST SD STAGE 2	6,143,470	0	6,143,470	6,143,470	0	0	0
1-8-00102	01	SUNNYSLOPE CH PACIFIC AVE SD	3,559,339	0	3,559,339	3,559,339	0	0	0
1-8-00235	01	JURUPA-PYRITE MDP LINE A	6,982,133	0	6,982,133	6,982,133	0	0	0
1-8-00250	90	DAY CRK CH WATER CON RESTRTN	594,330	0	594,330	0	594,330	0	0
1-8-00289	01	RUBIDOUX-DAILY AVE SD	2,620,790	0	2,620,790	2,620,790	0	0	0
1-8-09033	00	JURUPA PYRITE MDP LINE A-1 ST1	2,858,218	0	2,858,218	2,858,218	0	0	0
1-8-09042	00	JURUPA PYRITE 54TH ST DRAN IMP	1,204,124	0	1,204,124	1,204,124	0	0	0
1-8-09044	00	JURUPA CHANNEL SOTO AVE SD	1,244,116	0	1,244,116	1,244,116	0	0	0
1-8-09047	00	SOUTHWEST RIVERSIDE MDP LINE H	1,826,751	0	1,826,751	1,826,751	0	0	0
1-8-09049	00	HIGHGROVE CH NRTHSD SPEC PLAN	4,634,000	0	4,634,000	4,634,000	0	0	0
1-8-09056	00	DUFFERIN RETENTION BASIN	1,547,012	0	1,547,012	1,547,012	0	0	0
1-8-09057	00	MOODY STREET LATERAL	447,890	0	447,890	447,890	0	0	0
1-8-09060	00	CAMINO REAL CULV STRCTRE WIDE	150,000	0	150,000	150,000	0	0	0
PLANNING PROJECTS		\$40,142,173	\$280,183	\$39,861,990	\$39,547,843	\$594,330	\$0	\$0	
ZONE 1 DISTRICT LED PROJECT TOTALS		\$75,488,165	\$1,410,097	\$74,078,068	\$74,893,835	\$594,330	\$0	\$0	

FIVE-YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2023:	\$45,050,196	APPROPRIATIONS:	
REVENUE:		District Led Project Appropriations	\$75,488,165
Taxes	\$91,664,011	Partner Led Project Appropriations	\$29,044,472
Interest	\$2,583,600	Miscellaneous Watershed Protection Projects	\$1,000,000
Rental	\$942,500	Capital Project Cost Inflation	\$2,292,847
Subtotal Revenue	\$95,190,111	Operating & Maintenance Expenses	\$30,121,609
External Contribution	\$0	Contingencies	\$1,761,679
Total Five Year Revenue	\$95,190,111	Total Five Year Appropriations	\$139,708,772
Total Funds Available	\$140,240,307	ENDING FUND BALANCE - JUNE 30, 2028:	\$531,535

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT PARTNER LED PROJECT SUMMARY - ZONE 1 FISCAL YEARS 2023-24 THROUGH 2027-28

			Project Cost	Appropriations				Fu	Total NOT		
Project	Stg	Project	Total	FY	2023-24 Year 1	FY 2025-28 Year 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									
1-6-10001	00	RIVERSIDE NORTHSIDE SPEC PLN	\$135,000	\$0	\$135,000	\$0	\$0	\$135,000	\$0	\$0	\$0
	PAF	RTNER LED CONTRIBUTION PROJECTS	\$135,000	\$0	\$135,000	\$0	\$0	\$135,000	\$0	\$0	\$0
PARTNER	LED	CAPITAL IMPROVEMENT PROJECTS									
1-8-00010	91	SANTA ANA RIVR LV REHB FED	\$2,200,000	\$600,000	\$0	\$1,600,000	\$0	\$2,200,000	\$0	\$0	\$0
1-8-00071	05	MONROE MDP - MONROE CHANNEL	13,206,377	52,217	1,300,000	504,160	11,350,000	13,206,377	0	0	0
1-8-00089	01	BOX SPRINGS MDP LINE D	3,821,321	34,398	0	231,923	3,555,000	3,821,321	0	0	0
1-8-00129	02	UNIVERSITY AREA MDP LINE 7	3,000,000	0	3,000,000	0	0	3,000,000	0	0	0
1-8-00306	01	SOUTHWEST RIVERSIDE MDP LN E-1	5,829,886	50,000	500,000	294,313	4,985,573	5,032,842	797,044	0	0
1-8-00010	92	SANTA ANA RIVR LV REHB FED 2	500,000	0	0	500,000	0	500,000	0	0	0
1-8-09059	00	CHICAGO AVE X CENTRAL AV DRAIN	351,888	0	0	0	351,888	351,888	0	0	0
PARTNE	RLE	ED CAPITAL IMPROVEMENT PROJECTS	\$28,909,472	\$736,615	\$4,800,000	\$3,130,396	\$20,242,461	\$28,112,428	\$797,044	\$0	\$0
	zo	NE 1 PARTNER LED PROJECT TOTALS	\$29,044,472	\$736,615	\$4,935,000	\$3,130,396	\$20,242,461	\$28,247,428	\$797,044	\$0	\$0

Zone 1 Report to the Zone Commissioners By Jason E. Uhley, General Manager-Chief Engineer November 2023

Completed Projects

Monroe MDP Line E, Stages 2 and 3 (1-8-00073-02 & -03)

This City of Riverside-led project constructed in March 2023 consisted of an 11,200-foot underground storm drain system that is now reducing flooding along Gratton Street, Hermosa Drive and Dufferin Avenue in the Arlington Heights neighborhood of Riverside. The storm drain will collect stormwater along Hermosa Drive, convey it along Gratton Street and discharge into the existing portion of Line E north of Lincoln Avenue and into Monroe Basin.

Paramount Estates MDP Line C, Stage 1 (1-8-00266-01)

This project was a collaboration between the District, the City of Jurupa Valley and a developer to deliver the master-planned Line C storm drain system. Construction was completed in February 2023, and this project is now providing flood protection for the existing neighborhood southwest of the Canal Street and Opal Street intersection in Jurupa Valley. Through the collaboration with the developer, it will also provide flood protection to parts of Tentative Tract Map 37211. The project constructed 1,100 feet of various size (36"-48") reinforced concrete pipe, 77 feet of a double cell 11'x7' reinforced concrete box and modifications to both the existing Sunnyslope Channel and Sunnyslope Channel Freeway Lateral.

Design Projects

Santa Ana River Stabilization (1-8-00010-90)

- ACOE Levees (yellow)
- District Levee (blue)
- ACOE project underway

Sycamore Dam Outlet Modification (1-8-00042-90)

Outlet Structure Replacement

- Gate Replacement
- Debris Rack Replacement
- Access Road Improvements
- Goal is to advertise by Q3 2024

Sunnyslope Channel Trash Retrofit

San Sevaine Dodd Street Storm Drain Stage 1

Partner Projects

Deborah de Chambeau

Chief of Planning

Riverside Northside Specific Plan MDP

Monroe Storm Drain Stage 5

CHANNE

Box Springs Line D

Southwest Riverside MDP Line E-1

ZONA CHANNE

OUTHWEST RIVERS

Southwest Riverside MDP Line E-1 Stage 1

IMERSSI

Recent Activity and Trends

Recent Issues

Public Hearing

New Funding Requests Received to Date

Total over \$6.4M in new requests

Jurupa Valley

(over \$250K)

- 1.Jurupa road West Riverside Lateral 3 Flooding Study (NEW +\$100k)
- 2.Limonite Avenue Roadway
 Widening Culvert Design
 (Previously requested
 +\$50k)
- 3.Drainage Study Pepe's Peak near Loveland Drive (Previously requested +\$100k)
- 4. 53rd Street between Dunwood and Felspar (cost unknown)
- 5.Culverts at Beach Street near 59th (cost unknown)

RCFC District (\$1.5M)

 Magnolia Center Storm Drain Low Flow Diversion (\$1.5M)

City of Riverside PRCSD (\$4.6M)

 University Wash Improvements (\$4.6M)

West Riverside Lateral 3

Limonite Avenue Roadway Widening – Culvert Design

Drainage Study Pepe's Peak near Loveland Drive

53rd Street between Dunwood and Felspar

Intersection of Beach Street and 59th Street

Magnolia Center Storm Drain Low Flow Diversion

- Will improve water quality within Santa Ana River
- Diverts up to 1 cfs of bacteria laden low flow to the city of Riverside's sewer system

University Wash Restoration

0

-nks Dr

NS m

112 4

0

0

0

