

# Riverside County Flood Control And Water Conservation District



## CAPITAL IMPROVEMENT PLAN

Fiscal Year 2023-2024

(July 1, 2023 – June 30, 2024)

**Zone 1**

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

Project Number	Stg No.	Project Title	Project Cost	Appropriations		Funding Sources (5-Year Total)			Total NOT
			Total Remaining Cost	FY 2023-24 Year 1	FY 2025-28 Year 2-5	Tax Revenue	ADP Contribution	External Contribution	District Funded
DESIGN & CONSTRUCTION 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 PROJECTS									
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**

<b>FUND BALANCE FORWARD - JULY 1, 2023:</b>	<b>\$45,050,196</b>
<b>REVENUE:</b>	
Taxes	\$91,664,011
Interest	\$2,583,600
Rental	\$942,500
<b>Subtotal Revenue</b>	<b>\$95,190,111</b>
External Contribution	\$0
<b>Total Five Year Revenue</b>	<b>\$95,190,111</b>
<b>Total Funds Available</b>	<b>\$140,240,307</b>

<b>APPROPRIATIONS:</b>	
District Led Project Appropriations	\$75,488,165
Partner Led Project Appropriations	\$29,044,472
Miscellaneous Watershed Protection Projects	\$1,000,000
Capital Project Cost Inflation	\$2,292,847
Operating & Maintenance Expenses	\$30,121,609
Contingencies	\$1,761,679
<b>Total Five Year Appropriations</b>	<b>\$139,708,772</b>
<b>ENDING FUND BALANCE - JUNE 30, 2028:</b>	<b>\$531,535</b>

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

Project Number	Stg No.	Project Title	Project Cost	Appropriations				Funding Sources			Total NOT District Funded
			Total Remaining Cost	FY 2023-24 Year 1		FY 2025-28 Year 2-5		5-Year Total			
				District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	External Contribution	
PARTNER LED CONTRIBUTION PROJECTS											
1-6-10001	00	RIVERSIDE NORTHSIDE SPEC PLN	\$135,000	\$0	\$135,000	\$0	\$0	\$135,000	\$0	\$0	\$0
PARTNER 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
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			\$28,909,472	\$736,615	\$4,800,000	\$3,130,396	\$20,242,461	\$28,112,428	\$797,044	\$0	\$0
ZONE 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

# CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

## PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
1-8-00010	90	DISTRICT (DESIGN & CONST.)	SANTA ANA RIVER - LEVEE REHABILITATION (DISTRICT REACH) – 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. This project is funded by the District.
1-8-00010	91	ARMY CORPS OF ENGINEERS (CORPS)	SANTA ANA RIVER - LEVEE REHABILITATION (FEDERAL REACH) – 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 continue 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 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.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
1-8-00010*	92	PARTNER	SANTA ANA RIVER - LEVEE REHABILITATION (FEDERAL PHASE 2) – The District is seeking federal funding for this project which will rehabilitate the remaining federally-constructed reaches of the Santa Ana River levee system that were not improved by the Santa Ana River Levee Rehabilitation (Federal Reach) Stage 91 project. The project includes the rehabilitation of three levee reaches: 1) approximately 3,400 feet of the right (west) levee starting from south of Capary Road to the levee terminus near the Crestmore Manor Event Center, 2) approximately 2,800 feet of the left (east) levee from downstream of Columbia Avenue to Market Street and 3) approximately 6,200 feet of the left (east) levee from downstream of State Route 60 to the levee terminus south of Mission Inn Avenue. Levee rehabilitation will extend the levee toe and replace the existing stone slope protection with grouted rock slope protection. The District will be responsible for operation and maintenance of the facility. The District is reserving funding to support local obligations for this project, but will continue to seek funding and participation from the Corps.
1-8-00041*	90	DISTRICT (DESIGN & CONST.)	BOX SPRINGS DAM OUTLET MODIFICATION – This is a District-led project to upgrade the safety and operation of the existing Box Springs Dam located at the end of Pearblossom Drive south of El Cerrito Drive. The improvements include replacing the existing gate assembly and control system and replacing the existing outlet structure with a new debris rack to reduce clogging potential. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
1-8-00042	90	DISTRICT (DESIGN & CONST.)	SYCAMORE DAM OUTLET MODIFICATION – 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.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
1-8-00043*	90	DISTRICT (DESIGN & CONST.)	ALESSANDRO DAM OUTLET MODIFICATION – This is a District-led project to upgrade the safety and operation of the existing Alessandro Dam located northeast of the terminus of Chartwell Drive. The improvements include replacing the existing gate assembly and control system and replacing the existing outlet structure with a new debris rack to reduce clogging potential. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
1-8-00044*	90	DISTRICT (DESIGN & CONST.)	PRENDA DAM OUTLET MODIFICATION – This is a District-led project to upgrade the safety and operation of the existing Prenda Dam located between Silver Hills Drive and Arroyo Vista Court north of Bradley Street. The improvements include replacing the existing gate assembly and control system and replacing the existing outlet structure with a new debris rack to reduce clogging potential. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
1-8-00046*	90	DISTRICT (DESIGN & CONST.)	HARRISON DAM OUTLET MODIFICATION – This is a District-led project to upgrade the safety and operation of the existing Harrison Dam located between Sweet Avenue and Minneola Avenue southeast of Citrus Heights Drive. The improvements include replacing the existing gate assembly and control system and replacing the existing outlet structure with a new debris rack to reduce clogging potential. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
1-8-00052	01	DISTRICT (PLANNING)	SAN SEVAINE DODD STREET STORM DRAIN – 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 it outlets 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 which will extend flood protection further north along Dodd Street. The District will be the responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
1-8-00052*	02	DISTRICT (PLANNING)	SAN SEVAINE DODD STREET STORM DRAIN – This District-led project proposes the construction of up to 5,290 feet of 60-inch to 72-inch reinforced concrete pipe to alleviate flooding along Dodd Street. The preliminary alignment proposes to collect water in Dodd Street just north of Jurupa Road and convey it south to 60th Street where it will tie-in to the San Sevaime Dodd Street Storm Drain, Stage 1 project, which ultimately outlets to the Santa Ana River. The project will alleviate many of the flooding issues experienced within the area. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
1-8-00071	05	CITY OF RIVERSIDE	MONROE MDP - MONROE STORM DRAIN – The City of Riverside-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 of Riverside 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.
1-8-00089	01	CITY OF RIVERSIDE	BOX SPRINGS MDP LINE D – 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.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.



**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
1-8-00100	90	DISTRICT (PLANNING)	SUNNYSLOPE CHANNEL TRASH RETROFIT – 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. This project is funded by the District.
1-8-00102*	01	DISTRICT (PLANNING)	SUNNYSLOPE CHANNEL - PACIFIC AVENUE STORM DRAIN – This District-led project will construct approximately 3,000 feet of underground storm drain (ranging from 30-inch to 48-inch in diameter) within Pacific Avenue to alleviate street flooding and provide safer conditions for vehicular and pedestrian traffic adjacent to Rubidoux High School. This facility will discharge into the existing Sunnyslope Channel. The District and the City of Jurupa Valley will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
1-8-00129	02	CITY OF RIVERSIDE	UNIVERSITY AREA MDP LINE 7 (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 plans to utilize the area as recreational open space for public use once the storm drain improvements are in place. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
1-8-00180*	90	DISTRICT (DESIGN & CONST.)	MARY STREET DAM OUTLET MODIFICATION – This is a District-led project to upgrade the safety and operation of the existing Mary Street Dam located at the end of Hunt Court northeast of Sundance Trail. The improvements include replacing the existing gate assembly and control system and replacing the existing outlet structure with a new debris rack to reduce clogging potential. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
1-8-00235*	01	DISTRICT (PLANNING)	JURUPA-PYRITE MDP LINE A – This District-led project is intended to provide an adequate outlet for the proposed Master Drainage Plan Lines A-1 and A-2 within the city of Jurupa Valley. The final form of the project is yet to be determined, but it is anticipated as a combination of engineered channel, underground facility and/or floodplain preservation to provide an adequate conveyance of the 100-year storm event from Agate Street to the existing culverts at Van Buren Boulevard. The District will be responsible for operation and maintenance of any engineered facilities and acquired lands. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
1-8-00250*	90	DISTRICT (PLANNING)	DAY CREEK CHANNEL - WATER CONSERVATION RESTORATION – This District-led project will restore function to a water conservation/habitat area that was constructed with Day Creek Channel, Stage 5. This project is not fully scoped, and the budgeted amount will be refined as more detail becomes available. The channel will be designed and constructed when enough funds become available from the Day Creek Area Drainage Plan.
1-8-00289*	01	DISTRICT (PLANNING)	RUBIDOUX - DALY AVENUE STORM DRAIN – This is a District-led project to reduce flooding in the Rubidoux Village area north of Mission Boulevard. The underground storm drain in Daly Avenue proposes to collect 100-year runoff at 34th Street and convey it southwest to the existing storm drain in Mission Boulevard. The storm drain system ranges in pipe diameter from 18-inch to 60-inch with a total of approximately 2,200 feet in length. The District and City of Jurupa Valley will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District.
1-8-00306	01	CITY OF RIVERSIDE	SOUTHWEST RIVERSIDE MDP LINE E-1 – 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 flows 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.
1-8-09033*	00	DISTRICT (PLANNING)	JURUPA PYRITE MDP LINE A-1 – This is a District-led project to reduce flooding along Kim Lane and Agate Street in the city of Jurupa Valley. The master planned, underground storm drain, ranging in 36-inch to 54-inch pipe diameter, proposes to collect 100-year storm runoff from Agate Street and convey it to the natural wash (designated in the MDP as Line A) west of Pedley Road. Design and construction of this project will be contingent upon completion of Jurupa-Pyrite MDP Line A, Stage 1 [1-8-00235-01]. The District and City of Jurupa Valley will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

## PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
1-8-09042*	00	DISTRICT (PLANNING)	JURUPA-PYRITE 54 <sup>th</sup> STREET DRAINAGE IMPROVEMENTS – This is a District-led project to alleviate flooding to the homes directly north of 54th Street/Sunset Ridge Drive caused by sediment-laden flows originating from an 11-acre tributary in Pedley Hills that overwhelm an abandoned canal. About 330 feet of 36-inch reinforced concrete pipe will collect 100-year flows from the abandoned canal and deliver the flows to 54th Street. 54th Street will require curb and gutter improvements to facilitate the flows westerly to an adequate outlet. About 600 feet of the canal will need to be modified to adequately convey flows into the proposed pipe. This lower-cost alternative to a regional flood control facility will improve the situation for the impacted homes, however, this project does not prevent the erosion issues on Pedley Hills. The City of Jurupa Valley will be responsible for the operation and maintenance of the facility. This project is funded by the District.
1-8-09044*	00	DISTRICT (PLANNING)	JURUPA CHANNEL - SOTO AVENUE STORM DRAIN – This District-led project was requested by the City of Jurupa Valley to address flooding from a Caltrans owned culvert that discharges onto Mission Boulevard west of Valley Way. The project will collect these waters at Mission Boulevard and convey them in an underground storm drain approximately 1,900 feet along Mission Boulevard, continuing southerly along Soto Ave, then ultimately connecting to the existing Jurupa Channel. The City of Jurupa Valley will be responsible for the operation and maintenance of the facility. This project is funded by the District.
1-8-09047*	00	DISTRICT (PLANNING)	SOUTHWEST RIVERSIDE MDP LINE H – This District-led project will construct a portion of Line H to convey flows from Western Municipal Water District's recharge facility at the southwest corner of Victoria Avenue and Jackson Street to an existing channel owned by the City of Riverside southeast of Lincoln and Abraham Avenues. The underground reinforced concrete pipe is estimated to be 60-inch diameter and about 1,000 feet long. The District will be responsible for operation and maintenance of this facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
1-8-09049*	00	DISTRICT (PLANNING)	HIGHGROVE CHANNEL - NORTHSIDE SPECIFIC PLAN FACILITIES – The District and the City of Riverside are currently collaborating on the Northside Specific Plan MDP (project 1-6-10001 hereon) which will identify multiple potential projects that are necessary for the orderly development and flood protection of existing communities within the study area. This project is reserving funds for construction of one or more of those facilities, such as potential improvements to Highgrove Channel. Operation and maintenance of the facility will be discussed with the City based on the scope of the facilities that are funded.
1-8-09056*	00	DISTRICT (PLANNING)	DUFFERIN RETENTION BASIN – This is a District-led project requested by the City of Riverside that will construct the Monroe MDP proposed Dufferin Retention Basin. The basin will, be located just easterly of the Gage Canal and approximately 250 feet south of Dufferin Avenue, with about a 3.1-acre footprint, and will help to alleviate the flooding, silt, and other debris impacts within wide areas of prime agricultural land and developing communities that this area experiences. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
1-8-09057*	00	DISTRICT (PLANNING)	MOODY STREET LATERAL – This is a District-led project proposed to address flooding concerns within Moody Street. There is an existing low within Moody Street where water currently ponds. With no existing outlet these flows travel through multiple residents' properties. Moody Street Lateral would serve as an outlet to convey flows from the low in Moody Street into Estelle Street Storm Drain, via underground reinforced concrete pipe. The District intends that the County Transportation Department will be responsible for operation and maintenance of this facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
1-8-09059*	00	CITY OF RIVERSIDE	CHICAGO AVENUE/CENTRAL AVENUE DRAINAGE SLOPE IMPROVEMENTS – This City of Riverside-led project proposes approximately 300 lineal feet of concrete and asphalt channels improvements, slope stabilization, and pipe installation along Central Avenue, near the intersection of Chicago Avenue and Central Avenue. Project will alleviate flooding issues experienced within the area and fix an erosion issue experienced along the City owned slope, that if left unmanaged could impact flow immediately downstream of the outlet to Sycamore Dam. The City of Riverside will be the responsible for the operation and maintenance of the facility. This project is funded by the District.
1-8-09060*	00	DISTRICT (PLANNING)	CAMINO REAL CULVERT STRUCTURE WIDENING – This is a District-led project requested by the City of Jurupa Valley to widen the existing culvert that serves as a component of the District's Jurupa Channel and the outlet to the District's Jurupa Basin. This widening is necessary for the City to increase roadway traffic capacity from two lanes to four lanes per the City's General Plan. This will improve the traffic circulation and safety on a priority corridor. The widening of the culvert will be approximately 150 feet in length. The District will be responsible for operation and maintenance of the culvert, and the City will be responsible to maintain the road improvements. This project is funded by the District.
1-6-10001	00	CITY OF RIVERSIDE	RIVERSIDE NORTHSIDE SPECIFIC PLAN Master Drainage Plan (MDP) – The City of Riverside is leading this study of the Northside Specific Plan area, which is located northwest of the Interstate 215/91/60 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 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.

P8/250889

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# **Zone 2**

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
DISTRICT LED PROJECT SUMMARY - ZONE 2  
FISCAL YEARS 2023-24 THROUGH 2027-28**

Project Number	Stg No.	Project Title	Project Cost	Appropriations		Funding Sources (5-Year Total)			Total NOT
			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									
2-8-00110	90	EL CERRITO CHANNEL RESTORATION	\$3,353,965	\$3,353,965	\$0	\$3,353,965	\$0	\$0	\$0
2-8-00140	11	NORTH NORCO CHANNEL	14,516,429	6,954,672	7,561,757	14,516,429	0	0	0
2-8-00180	03	MOCKINGBIRD CYN STABILIZATION	29,824,912	1,161,766	28,663,146	28,678,367	1,146,545	0	0
2-8-00253	01	BEDFORD CANYON CHANNEL	11,141,855	484,632	10,657,223	10,391,855	0	750,000	0
2-8-00406	01	WOODCREST RINEHART ACRES DRAIN	10,827,356	6,202,534	4,624,822	10,827,356	0	0	0
2-8-00144	01	NORTH NORCO CHANNEL - LINE N-2	4,771,268	0	4,771,268	4,771,268	0	0	0
DESIGN & CONSTRUCTION PROJECTS			\$74,435,785	\$18,157,569	\$56,278,216	\$72,539,240	\$1,146,545	\$750,000	\$0
PLANNING PROJECTS									
2-8-00052	01	TEMESCAL CREEK FLOOD PLAIN AQ	\$18,400,000	\$1,800,000	\$3,400,000	\$5,200,000	\$0	\$0	(\$13,200,000)
2-8-00095	01	LAKE MATTHEWS CAJALCO ROAD SD	2,791,569	368,438	2,423,131	2,791,569	0	0	0
2-6-10000	00	FLOOD CONTROL BASN RETRO STUDY	400,000	0	400,000	400,000	0	0	0
2-8-09058	00	LK MATHWS ESTATS WTR QLTY POND	7,703,719	0	7,703,719	7,703,719	0	0	0
PLANNING PROJECTS			\$29,295,288	\$2,168,438	\$13,926,850	\$16,095,288	\$0	\$0	(\$13,200,000)
ZONE 2 DISTRICT LED PROJECT TOTALS			\$103,731,073	\$20,326,007	\$70,205,066	\$88,634,528	\$1,146,545	\$750,000	(\$13,200,000)

**FIVE-YEAR CIP SUMMARY**

**FUND BALANCE FORWARD - JULY 1, 2023:** **\$80,794,448**

**REVENUE:**

Taxes	\$127,533,808
Interest	\$5,929,337
Rental	\$1,500
<b>Subtotal Revenue</b>	<b>\$133,464,645</b>
External Contribution	\$750,000
<b>Total Five Year Revenue</b>	<b>\$134,214,645</b>
<b>Total Funds Available</b>	<b>\$215,009,093</b>

**APPROPRIATIONS:**

District Led Project Appropriations	\$90,531,073
Partner Led Project Appropriations	\$91,222,118
Miscellaneous Watershed Protection Projects	\$500,000
Capital Project Cost Inflation	\$3,099,083
Operating & Maintenance Expenses	\$26,850,197
Contingencies	\$2,475,137
ADP Refund - Lake Mathews ADP to MWD	\$5,000
<b>Total Five Year Appropriations</b>	<b>\$214,682,608</b>
<b>ENDING FUND BALANCE - JUNE 30, 2028:</b>	<b>\$326,485</b>



**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT**  
**PARTNER LED PROJECT SUMMARY - ZONE 2**  
**FISCAL YEARS 2023-24 THROUGH 2027-28**

Project Number	Stg No.	Project Title	Project Cost	Appropriations				Funding Sources			Total NOT District Funded
			Total	FY 2023-24 Year 1		FY 2025-28 Years 2-5		5-Year Total			
			Remaining Cost	District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contributio	External Contribution	
PARTNER LED CONTRIBUTION PROJECTS											
2-6-10018	50	JCSD RECYCLED WATER DIST SYST	\$31,700,000	\$0	\$2,000,000	\$0	\$13,850,000	\$15,850,000	\$0	\$0	(\$15,850,000)
2-6-10027	00	NORCO MDP LN N-4 EXTENSION	1,928,400	23,400	1,905,000	0	0	1,928,400	0	0	0
2-6-10032	00	CORONA EAST GRAND BLVD SD	1,941,000	0	170,000	61,000	1,710,000	1,941,000	0	0	0
2-6-10038	00	N NORCO DR & GRULLA SD(SUB SD)	1,841,000	51,000	1,790,000	0	0	1,841,000	0	0	0
2-6-10042	00	VAN BUREN SEWER IMPROVMNT PROJ	11,780,000	0	4,220,000	0	0	4,220,000	0	0	(7,560,000)
2-6-10048	00	NORCO ELEMENTARY STORM DRAIN	862,680	22,680	840,000	0	0	862,680	0	0	0
2-6-10049	00	NORCO LATERAL S-1B EXTENSION	705,600	9,600	696,000	0	0	705,600	0	0	0
2-6-10050	00	FIRST STREET STORM DRAIN	882,000	12,000	870,000	0	0	882,000	0	0	0
2-6-10051	00	NORCO CITATION DRIVE STORM DRN	309,000	9,000	300,000	0	0	309,000	0	0	0
2-6-10052	00	NORCO LATERAL S-1C EXTENSION	1,120,450	30,450	1,090,000	0	0	1,120,450	0	0	0
2-6-10053	00	NORCO LATERAL S-5E	1,164,650	31,650	1,133,000	0	0	1,164,650	0	0	0
2-6-10054	00	NORCO MDP LATERAL NA-6	2,613,486	38,486	2,575,000	0	0	2,613,486	0	0	0
2-6-10003	50	RECLMD WTR PIPLN OLD TEMSC RD	500,000	0	0	0	500,000	500,000	0	0	0
2-6-10029	50	BUTTERFELD DR RECL WTR FLW STN	3,757,000	0	0	102,000	3,400,000	3,502,000	0	0	(255,000)
2-6-10031	00	CORONA SOUTH JOY ST SD	1,469,000	0	0	39,000	1,430,000	1,469,000	0	0	0
2-6-10033	00	CORONA SOUTH MAIN STREET SD	3,915,000	0	0	105,000	3,810,000	3,915,000	0	0	0
2-6-10043	00	NORCO TOWN&COUNTRY DR SD	1,002,340	0	0	18,000	650,000	668,000	0	0	(334,340)
2-6-10044	00	NORCO MINOR SD IMPR PARKRDGE	379,750	0	0	6,750	250,000	256,750	0	0	(123,000)
2-6-10045	00	CORONA SD CATCH BASIN RETROFIT	2,020,000	0	0	0	1,000,000	1,000,000	0	0	(1,020,000)
2-6-10046	00	CORONA SOUTH VICTORIA AVE SD	1,531,588	0	0	101,588	1,430,000	1,531,588	0	0	0
2-6-10047	00	CORONA DRAINS LINE 9A	3,812,000	0	0	3,512,000	300,000	3,812,000	0	0	0
PARTNER LED CONTRIBUTION PROJECTS			\$75,234,944	\$228,266	\$17,589,000	\$3,945,338	\$28,330,000	\$50,092,604	\$0	\$0	(\$25,142,340)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS											
2-8-00086	01	NORCO MDP LINE N-3	\$2,854,276	\$221,676	\$500,000	\$7,600	\$2,125,000	\$2,854,276	\$0	\$0	\$0
2-8-00105	00	SANTA ANA RVR BEL PRDO DM BNSF	10,300,000	0	10,300,000	0	0	10,300,000	0	0	0
2-8-00150	02	SOUTH NORCO CH	14,727,148	34,398	750,000	1,365,389	12,577,361	14,727,148	0	0	0
2-8-00164	01	NORCO MDP LINE S-2	1,670,750	45,750	1,625,000	0	0	1,670,750	0	0	0
2-6-09104	00	WEST NORCO CHANNEL EXT	2,464,800	0	0	45,000	1,600,000	1,645,000	0	0	(819,800)
2-8-00060	02	NORTH MAIN STREET CHANNEL	4,574,000	0	0	100,000	4,474,000	4,574,000	0	0	0
2-8-00280	01	CORONA MDP LINE 5 STG 1	3,769,789	0	0	259,789	3,510,000	3,769,789	0	0	0
2-8-00304	60	EASTVALE MDP LINE D WQ	1,064,756	0	0	232,915	831,841	1,064,756	0	0	0
2-8-00310	60	EASTVALE MDP LINE E WQ	523,795	0	0	114,580	409,215	523,795	0	0	0
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			\$41,949,314	\$301,824	\$13,175,000	\$2,125,273	\$25,527,417	\$41,129,514	\$0	\$0	(\$819,800)
ZONE 2 PARTNER LED PROJECT TOTALS			\$117,184,258	\$530,090	\$30,764,000	\$6,070,611	\$53,857,417	\$91,222,118	\$0	\$0	(\$25,962,140)

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
2-8-00052	01	DISTRICT (PLANNING)	TEMESCAL CREEK FLOODPLAIN ACQUISITION – This is a District-led project to identify and acquire up to 541 acres worth of parcels from willing sellers along the Temescal Canyon Wash that are subject to flood hazards. The approximate limits of the acquisition are between Magnolia Avenue to the north and Lake Street to the south along the Temescal Creek. This is a non-structural flood hazard mitigation program with the potential to preserve or restore the natural habitat, improve water quality, recharge ground water aquifers and/or provide recreational opportunities. This project is funded by the District.
2-8-00060*	02	CITY OF CORONA	NORTH MAIN STREET CHANNEL – This City of Corona (City)-led project will upgrade the existing City-owned open channel, approximately 1,800 feet in length, from Cota Street to the confluence with the existing Oak Street Channel. The project will provide flood protection to the existing City-owned buildings and facilities adjacent to the channel. The District will be responsible for operation and maintenance of the channel. This project is funded by the District.
2-8-00086	01	CITY OF NORCO	NORCO MDP LINE N-3 – The City of Norco-led project proposes approximately 2,100 feet of reinforced concrete pipe, ranging in pipe diameter from 36 inches to 66 inches. The storm drain alignment is within 5th Street and conveys flows from Aryana Avenue to North Norco Channel, located on the east side of Interstate 15. This project will alleviate flooding within the streets and surrounding area. The District and the City of Norco will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-00095	01	DISTRICT (PLANNING)	LAKE MATHEWS CAJALCO ROAD STORM DRAIN – This is a District-led project to reduce street and residential flooding near Cajalco Road in the Lake Mathews area. The project consists of an upstream sediment basin as part of the Metropolitan Water District (MWD) Lake Mathews Water Quality Master Plan and 615 feet of 72-inch diameter reinforced concrete pipe conveying water from the basin north across Cajalco Road and discharging to the natural waterway. The District and MWD will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-8-00105	00	US ARMY CORPS OF ENGINEERS (CORPS)	SANTA ANA RIVER - BELOW PRADO – This is a U.S. Army Corps of Engineers (Corps)-led project for streambank improvements necessary due to the planned increased discharge capacity from the Prado Dam. Construction of Reach 9, Phases 2A and 2B, Mobile Home Levee and BNSF projects are completed but have not been turned over to the District for operation and maintenance. The District is currently reviewing the as-built plans and will soon be reviewing the Operation and Maintenance Manual needed for the maintenance of the projects. This project is funded as a cost share via Local Cooperative Agreement between the Corps, Riverside County, Orange County, San Bernardino County and Riverside County Transportation Commission. District costs are related to right of way acquisition and utility relocation for the BNSF Bridge Protection project.
2-8-00110	90	DISTRICT (DESIGN & CONST.)	EL CERRITO CHANNEL RESTORATION – This District-led project replaces approximately 2,300 feet of existing concrete trapezoidal channel with higher capacity reinforced concrete box and concrete rectangular channel of varying dimensions. The primary objective is to provide 100-year flow capacity within the proposed facility and remove the existing Federal Emergency Management Agency (FEMA) floodplain. The project collects flows from two existing storm drain systems at the El Cerrito Road-Temescal Canyon Road/Ontario Avenue intersection and conveys the water northeasterly to Temescal Creek. The District will be responsible for operation and maintenance of the project improvements. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

## PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-00140	11	DISTRICT (DESIGN & CONST.)	NORTH NORCO CHANNEL – This District-led project will replace an interim existing earthen channel with a higher capacity concrete-lined channel that can safely contain and convey the 100-year flow, thereby significantly reducing the floodplain along the channel. The mainline will include approximately 5,900 feet of trapezoidal and rectangular channel and will replace culverts under three street crossings (Corona Avenue, Valley View Avenue and Sixth Street). Stage 11 collects flows from the existing North Norco Channel Line N-1 storm drain at the westerly end of Rose Court and conveys them southerly to the existing confluence with North Norco Channel Line NA northwest of Valley View Avenue and Fifth Street. The project will also construct two infiltration basins to reduce runoff pollutants from adjacent land. The District is to include sewer and waterline utility relocations in the construction contract on behalf of the City of Norco. This project is funded by the District, less a \$165,000 external contribution made by the City of Norco for waterline and electrical relocation.
2-8-00144*	01	DISTRICT (DESIGN & CONST.)	NORTH NORCO CHANNEL LINE N-2 – This is a District-led proposed storm drain project in Sixth Street. It will construct approximately 1,800 feet of underground storm drain that will capture storm flows beginning at Corona Avenue and convey them westerly along Sixth Street to North Norco Channel, Stage 11. The primary objective of this project is to provide 100-year flood protection to residents and businesses along Sixth Street.
2-8-00150	02	CITY OF NORCO	SOUTH NORCO CHANNEL – This City of Norco-led project will replace 5,800 feet of existing undersized channel and will convey storm flows from Hamner Avenue to an existing reinforced concrete box (RCB) south of Parkridge Ave. Proposed facilities will include varying sizes of rectangular channel and RCB. The improvements will provide 100-year level of flood protection and remove residences and businesses adjacent to the channel out of the Federal Emergency Management Agency (FEMA) mapped floodplain. The District will be responsible for operation and maintenance of the channel. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
2-8-00164	01	CITY OF NORCO	NORCO MDP LINE S-2 – This City of Norco-led project to provide flood protection to properties along Second Street. The project consists of approximately 2,700 feet of reinforced concrete pipe (18-inch to 40-inch) along Hillside Avenue and conveys flows to the existing South Norco Channel, west of Corona Avenue. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-8-00180	03	DISTRICT (DESIGN & CONST.)	MOCKINGBIRD CANYON STABILIZATION – This District-led project contains roughly two miles of improvements along Mockingbird Canyon Wash. The primary objective for this project is to construct improvements that will stabilize Mockingbird Canyon Wash and reduce sediment transport and erosion that can both risk damage to public infrastructure and adjacent residences. The portion of the wash that will be stabilized begins at the Pennington Place bridge crossing and traverses downstream (northwest) parallel to Mockingbird Canyon Road to where the wash crosses under Van Buren Boulevard near Pine Court. The drainage improvements are anticipated to consist of soil cement/rock-armoring bank protection and grade control structures. The project also includes a new crossing at Greenview Drive and will replace the existing Pennington Place bridge. The project will also provide opportunity for a future trail system that could be established by other entities. The District will be responsible for operation and maintenance of the facility (not including future trails). This project is funded by the District and fees collected from the Mockingbird Canyon Area Drainage Plan.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
2-8-00253	01	DISTRICT (DESIGN & CONST.)	BEDFORD CANYON CHANNEL – This District-led project proposes to improve approximately 2,000 feet of improvements in Bedford Canyon Wash, located east of Interstate 15, west of Temescal Canyon Road and south of Cajalco Road in Corona, California. The primary objective for this project is to safely convey the 100-year storm flows in a stabilized system from Interstate 15 northbound freeway to an existing culvert under Temescal Canyon Road in a manner that reduces erosion and sediment generated in the wash. Additionally, the project will aim to accommodate space for the Butterfield Overland Trail project. The District will be responsible for operation and maintenance of the channel. This project is funded as a cost share between the District and an external contribution from the Riverside County Transportation Commission.
2-8-00280*	01	CITY OF CORONA	CORONA MDP LINE 5 – This City of Corona-led project consists of a 2,400-foot underground storm drain ranging in pipe diameter from 30 inches to 54 inches. The storm drain proposes to collect runoff on Sherman Avenue south of Railroad Street and extend westerly in Railroad Street to Smith Avenue, discharging into an existing City owned storm drain. This project will provide flood protection to businesses along Railroad Street and Sherman Avenue. The District and City will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District.
2-8-00304*	60	JURUPA COMMUNITY SERVICES DISTRICT	EASTVALE MDP LINE D (WATER QUALITY ENHANCEMENT) – This is a proposed collaborative project between the District and Jurupa Community Services District (JCSD) to divert dry weather flows from an existing District storm drain, Eastvale Master Drainage Plan Line D, to a JCSD sanitary sewer line with the goal of addressing bacteria issues in the Middle Santa Ana River. The water quality enhancement project is planned to include various size pipe (18 inches to 30 inches) and various appurtenant features. The responsible party for operation and maintenance of the facility is yet to be determined. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-00310*	60	JURUPA COMMUNITY SERVICES DISTRICT	EASTVALE MDP LINE E (WATER QUALITY ENHANCEMENT) – This is a proposed collaborative project between the District and Jurupa Community Services District (JCSD) to divert dry weather flows from an existing District storm drain, Eastvale Master Drainage Plan Line E, to a JCSD sanitary sewer line with the goal of addressing bacteria issues in the Middle Santa Ana River. The water quality enhancement project is planned to include various size pipe (18 inches to 24 inches) and various appurtenant features. The responsible party for operation and maintenance of the facility is yet to be determined. This project is funded by the District.
2-8-00406	01	DISTRICT (DESIGN & CONST.)	WOODCREST - RINEHART ACRES DRAINAGE PLAN IMPROVEMENTS – This is a District-led project to reduce street and community flooding in the Woodcrest Rinehart-Acres subdivision. The project consists of 10,250 feet of drainage-related street improvements and 8,000 feet of a reinforced concrete pipe storm drain system ranging in diameter from 18 inches to 66 inches to convey flows from the streets of Mariposa Avenue, Granite Avenue, Boulder Avenue and Dallas Avenue to their natural outlet in the watercourse to the southeast intersection of Wood Road and Dallas Avenue. The street improvements identified for this project are necessary to collect and deliver runoff to the proposed storm drains. The District will be responsible for operation and maintenance of the mainline storm drain facility, and the County of Riverside will maintain the street improvements and drainage inlets. This project is funded by the District.
2-8-09058*	00	DISTRICT (PLANNING)	LAKE MATHEWS ESTATES WATER QUALITY POND – This is a District-led project to construct a water quality pond as proposed in the adopted Lake Mathews Area Drainage Plan. The proposed pond is an off-channel diversion facility that would treat nuisance flow or runoff during small storm events. The District anticipates that Metropolitan Water District will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
2-8-09104*	00	CITY OF NORCO	WEST NORCO CHANNEL EXT – The City of Norco-led project consists of approximately 1,300 feet of 8'x4' reinforced concrete box between Parkridge Avenue and River Road. The proposed project extends the West Norco Channel south to an existing 90" reinforced concrete pipe privately owned storm drain. The project also proposes to replace the existing dual 57-inch corrugated metal pipe upstream. This project will remove properties from a Federal Emergency Management Agency (FEMA) mapped floodplain. The District will be responsible for operation and maintenance of the channel. The District has partially funded this project and as funds become available, the funding will increase.
2-6-10000*	00	DISTRICT (PLANNING)	FLOOD CONTROL BASIN RETROFIT STUDY – The District is evaluating existing infrastructure to determine feasibility of stormwater/urban runoff capture. The result of this study could help determine partnerships with Water Districts within Riverside County and help utilize stormwater and urban runoff as resource. This project is funded by the District.
2-6-10003*	50	CITY OF CORONA	RECLAIMED WATER PIPELINE - OLD TEMESCAL ROAD – This is a City of Corona-led project to improve the City's reclaimed water network. This project includes the construction of 4,400 feet of reclaimed water pipeline within Old Temescal Road from Fullerton Avenue to Compton Avenue. This project will reduce the use and reliance of imported water, conserve the local groundwater supply and stabilize the Temescal Groundwater Basin. The City will be responsible for operation and maintenance of the facility. This project is funded as a 50/50 cost share between the City of Corona and the District, each contributing \$250,000.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.



## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10018	50	JURUPA COMMUNITY SERVICES DISTRICT (JCSD)	JURUPA COMMUNITY SERVICES DISTRICT (JCSD) RECYCLED WATER DISTRIBUTION SYSTEM – This is a JCSD-led project for a regional solution to enhance reclaimed water use and distribution with approximately 31,600 feet of 24-inch pipe throughout Eastvale. The reclaimed water will be used in Eastvale and within JCSD service areas. JCSD will be responsible for operation and maintenance of the facility. The District will fund 50% of the project in the amount of \$15.85 million, which will secure JCSD meeting the local match requirements to leverage a multimillion-dollar grant.
2-6-10027	00	CITY OF NORCO	NORCO MDP LINE N-4 EXTENSION – This is a City of Norco-led project to construct 2,900 feet of storm drain ranging from 24 inches to 36 inches in diameter. The project will collect water along Valley View Avenue and 4th Street to convey it westerly toward Interstate 15, outletting into the existing North Norco Channel. This project will reduce street and community flooding along 4th Street and Valley View Avenue. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10029*	50	CITY OF CORONA	BUTTERFIELD DRIVE RECLAIMED WATER FLOW CONTROL STATION – The City of Corona-led project will construct a 16-inch flow control station pipe to connect the existing 20-inch reclaimed waterline at Butterfield Drive to the existing 24-inch steel reclaimed pipeline delivering reclaimed water from the Water Reclamation Facility #1 reclaimed water storage tank to the Cota Ponds. The project will also include using high density polyethylene pipe to slip line approximately 5,200 feet of the existing thin-walled steel pipe from Water Reclamation Facility #1 to the proposed flow control station site. This project will, in conjunction with other projects, help transport approximately 12,000 acre-feet of reclaimed water per year for beneficial re-use. The City of Corona will be responsible for operation and maintenance of the facility. This project is funded as a cost share between the District and the City of Corona.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
2-6-10031*	00	CITY OF CORONA	CORONA - SOUTH JOY STREET STORM DRAIN – The City of Corona-led project proposes to construct 1,600 feet of 36-inch diameter reinforced concrete pipe. The facility will convey storm flows from Seventh Street to Second Street and tie into an existing culvert under the 91 Freeway. The project will alleviate street flooding experienced along the streets. The City of Corona will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10032	00	CITY OF CORONA	CORONA - EAST GRAND BOULEVARD STORM DRAIN – The City of Corona-led project proposes to construct 1,600 feet of 36-inch diameter reinforced concrete pipe. The facility will convey storm flows from Seventh Street to Third Street and tie into the existing Corona Line 52 storm drain. The project will alleviate street flooding experienced along the streets. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10033*	00	CITY OF CORONA	CORONA - SOUTH MAIN STREET STORM DRAIN – The City of Corona-led project includes approximately 3,200 feet of underground storm drain to convey flows along Main Street from Mission Road to Olive Street into the existing Line 1-G storm drain. The project will alleviate flooding from the surrounding area. The City of Corona will be responsible for operation and maintenance of the facility. This project is funded by District.
2-6-10038	00	CITY OF NORCO	NORCO NORTH DRIVE & GRULLA STORM DRAIN (formerly known as Norco Substation Road Storm Drain) – This is a City of Norco-led project to reduce street and community flooding by upgrading an existing facility. It consists of 2,800 feet of storm drain pipe collecting flows from the intersection of Crestview Drive and North Drive and conveying them northwesterly into the Santa Ana River. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
2-6-10042	00	COUNTY ECONOMIC DEVELOPMENT AGENCY	<b>VAN BUREN SEWER IMPROVEMENT PROJECT</b> – This is a District contribution to fund a joint project between the Riverside County Office of Economic Development and the City of Riverside Public Utilities (RPU) to extend the existing RPU sanitary sewer line within Van Buren Boulevard from Wood Road two miles westerly to King Avenue, including a sewer lift station on the northeast corner of Krameria Avenue and Washington Street. This project is anticipated to benefit surface water quality in the surrounding streams and rivers by bringing sewer service to a community that is currently on septic systems in a watershed that is known to have concerns about bacteria leaching into surface water runoff. RPU will be responsible for operation and maintenance of the facility. The District’s contribution will cover a portion of the overall project; the remaining portion will be covered by RPU and an U.S. Economic Development Administration grant.
2-6-10043*	00	CITY OF NORCO	<b>NORCO TOWN &amp; COUNTRY DRIVE STORM DRAIN</b> – The City of Norco-led storm drain project consists of approximately 1,500 feet of 30-inch reinforced concrete pipe within Town & County Drive and conveys flows from Tara Lane and Horseless Carriage Drive toward Hamner Avenue. The project will reduce flooding in the surrounding area. The City of Norco 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.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

## PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10044*	00	CITY OF NORCO	<p>NORCO MINOR STORM DRAIN IMPROVEMENTS: (1) PARKRIDGE AVENUE AND (2) NORTH DRIVE – These City of Norco-led projects consists of approximately 600 feet of 18" reinforced concrete pipe (RCP) for two separate minor improvement projects within Parkridge Avenue and North Drive in the City of Norco. The projects will reduce flooding in the area.</p> <p>The first location is near the intersection of Parkridge Avenue and Kips Corner Road. The proposed storm drain will capture runoff from existing private properties and convey it southeasterly onto Parkridge Avenue.</p> <p>The second location is situated on private property near the intersection of North Drive and California Avenue. The proposed storm drain will capture runoff from multiple residential properties and convey it westerly via proposed 18-inch RCP storm drain to an existing catch basin in California Avenue. Also proposed is an alternate design utilizing 18-inch RCP storm drain and an under-sidewalk drain to convey runoff onto North Drive.</p> <p>The City of Norco will be responsible for operation and maintenance of both facilities. This project is funded by the District.</p>
2-6-10045*	00	CITY OF CORONA	<p>CORONA STORM DRAIN CATCH BASIN RETROFIT – The City of Corona (City)-led project will install 1,200 trash capture devices inside catch basins in a multi-year duration with a projected completion year of 2030. The project is to comply with the Santa Ana Regional Water Control Board's (Board) Trash Provisions order in addressing the impacts of trash on surface waters. The City is working with the Board to begin installing approved trash capture devices in catch basins located in high density areas citywide. The City will be responsible for operation and maintenance of the facility. This project is funded as a cost share between the District and the City. The District has funded approximately 50% of the project cost.</p>

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28**

**PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
2-6-10046*	01	CITY OF CORONA	CORONA - SOUTH VICTORIA AVENUE STORM DRAIN – This is a City of Corona-led project to reduce flooding within Victoria Avenue. The project consists of approximately 1,900 feet of 36-inch diameter reinforced concrete pipe proposed to collect and convey runoff from Seventh Street toward an existing culvert crossing the 91 Freeway. The City of Corona will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10047*	01	CITY OF CORONA	CORONA DRAINS LINE 9A – This is a City of Corona-led project to construct a master planned storm drain to provide flood protection to businesses and residences along Magnolia Avenue. The project consists of approximately 3,000 feet of 24-inch to 33-inch diameter underground storm drain. The project will collect runoff at Kellogg Avenue and convey it to the existing City-owned storm drain in Magnolia Avenue ending at Mt. Wilson. The City of Corona will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10048	00	CITY OF NORCO	NORCO ELEMENTARY SCHOOL STORM DRAIN – This is a City of Norco-led project to reduce street and community flooding. It consists of 1,500 feet of 24-inch to 36-inch storm drain pipe to collect flows along Temescal Avenue and Norco Elementary School and convey them to South Norco Channel Line SA. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10049	00	CITY OF NORCO	NORCO LATERAL S-1B EXTENSION – This is a City of Norco-led project to reduce street and community flooding. It consists of 600 feet of 30-inch diameter storm drain pipe within Golden West Lane to collect flows from the south end of the street and convey them north to an existing storm drain Line S-1. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
2-6-10050	00	CITY OF NORCO	FIRST STREET STORM DRAIN – This is a City of Norco-led project to reduce street and community flooding. It consists of 900 feet of 30-inch diameter storm drain to collect flows within First Street and convey them west into an existing Interstate 15 Caltrans culvert. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10051	00	CITY OF NORCO	NORCO CITATION ROAD STORM DRAIN – This is a City of Norco-led project to reduce street and community flooding. It consists of 200 feet of 24-inch diameter storm drain pipe to collect water from a low point on Citation Drive and convey it north to the existing District Norco Master Drainage Plan Line S-5 storm drain. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10052	00	CITY OF NORCO	NORCO LATERAL S-1C EXTENSION – This is a City of Norco-led project to place 1,300 feet of 30-inch reinforced concrete pipe within Hillside Avenue to collect flows and drain them north into the existing District Norco Master Drainage Plan Line S-1 storm drain located in Third Street. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10053	00	CITY OF NORCO	NORCO LATERAL S-5E – This is a City of Norco-led project to reduce street and community flooding. The City is exploring two options on Hillside Avenue: Option 1 consists of 1,100 feet of 24-inch to 36-inch diameter reinforced concrete pipe within private property to collect flows and convey them westerly to Norco Master Drainage Plan Line S-5; and Option 2 consists of 1,110 feet of 24-inch to 36-inch diameter reinforced concrete pipe within Hillside Avenue to collect flows and convey them southerly to Norco Master Drainage Plan Line S-1. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10054	01	CITY OF NORCO	NORCO MDP LATERAL NA-6 (formerly known as Norco Fifth Street Storm Drain 2-8-00087-01) – This is a City of Norco-led project to install approximately 2,700 feet of 42-inch to 48-inch reinforce concrete pipe in Corona Avenue, 5th Street and Temescal Avenue to alleviate flooding on the private properties between Temescal Avenue and Corona Avenue. Flows will be conveyed from Fifth Street and outlet into existing North Norco Channel - Line NA. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.

P8/251017

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# Zone 3



**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
DISTRICT LED PROJECT SUMMARY - ZONE 3  
FISCAL YEARS 2023-24 THROUGH 2027-28**

Project Number	Stg No.	Project Title	Project Cost	Appropriations		Funding Sources (5-Year Total)			Total NOT
			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									
3-8-00020	01	LAKELAND VILLAGE MDP LINE H	\$6,711,048	\$6,711,048	\$0	\$6,541,573	\$0	\$169,475	\$0
3-8-09028	00	WEST ELSINORE MDP LINE B	150,000	0	150,000	150,000	0	0	0
DESIGN & CONSTRUCTION PROJECTS			\$6,861,048	\$6,711,048	\$150,000	\$6,691,573	\$0	\$169,475	\$0
PLANNING PROJECTS									
3-8-00142	01	SEDCO MDP LINE G STAGE 1	\$7,284,000	\$0	\$7,284,000	\$7,284,000	\$0	\$0	\$0
3-8-00142	02	SEDCO MDP LINE G STAGE 2	14,951,000	0	100,000	100,000	0	0	(14,851,000)
PLANNING PROJECTS			\$22,235,000	\$0	\$7,384,000	\$7,384,000	\$0	\$0	(\$14,851,000)
ZONE 3 DISTRICT LED PROJECT TOTALS			\$29,096,048	\$6,711,048	\$7,534,000	\$14,075,573	\$0	\$169,475	(\$14,851,000)

**FIVE-YEAR CIP SUMMARY**

**FUND BALANCE FORWARD - JULY 1, 2023:** **\$4,168,992**

**REVENUE:**

Taxes	\$20,515,774
Interest	\$597,524
<b>Subtotal Revenue</b>	<b>\$21,113,298</b>
External Contribution	\$169,475
<b>Total Five Year Revenue</b>	<b>\$21,282,773</b>
<b>Total Funds Available</b>	<b>\$25,451,765</b>

**APPROPRIATIONS:**

District Led Project Appropriations	\$14,245,048
Partner Led Project Appropriations	\$375,817
Capital Project Cost Inflation	\$561,572
Operating & Maintenance Expenses	\$8,462,833
Contingencies	\$1,392,708
<b>Total Five Year Appropriations</b>	<b>\$25,037,978</b>
<b>ENDING FUND BALANCE - JUNE 30, 2028:</b>	<b>\$413,787</b>

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
PARTNER LED PROJECT SUMMARY - ZONE 3  
FISCAL YEARS 2023-24 THROUGH 2027-28**

Project Number	Stg No.	Project Title	Project Cost	Appropriations				Funding Sources			Total NOT District Funded
			Total Remaining Cost	FY 2023-24 Year 1		FY 2025-28 Years 2-5		5-Year Total			
				District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	External Contribution	
PARTNER LED CAPITAL IMPROVEMENT PROJECTS											
3-8-00149	00	SEDCO LINE F-2	\$736,008	\$0	\$0	\$15,626	\$360,191	\$375,817	\$0	\$0	(\$360,191)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			\$736,008	\$0	\$0	\$15,626	\$360,191	\$375,817	\$0	\$0	(\$360,191)
ZONE 3 PARTNER LED PROJECT TOTALS			\$736,008	\$0	\$0	\$15,626	\$360,191	\$375,817	\$0	\$0	(\$360,191)

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
3-8-00020	01	DISTRICT (DESIGN & CONST.)	LAKELAND VILLAGE MDP LINE H – This is a District-led storm drain improvement project of approximately 6,123 feet of various size underground pipe and box storm drain and a 2-acre sediment basin. The project will provide flood protection to the residential area of Lakeland Village by capturing stormwater runoff from the Elsinore Mountains between Coleman Avenue and Landerville Boulevard and safely convey it in an underground storm drain along Cottrell Boulevard and Maiden Lane to Lake Elsinore. The existing Federal Emergency Management Agency (FEMA) floodplain will be removed following construction of this project, reducing flood insurance costs to property owners in the area. The sediment basin will help protect lake water quality by removing sediment and pollutants in runoff. The District will be responsible for operation and maintenance of the facility. This project is funded by a combination of District funding and a FEMA Flood Hazard Mitigation Grant.
3-8-00142*	01	DISTRICT (PLANNING)	SEDCO MDP LINE G – This District-led project will complete the first downstream phase of the Line G system. Once the Line G system is complete, it will provide flood protection to the community southwest of Bundy Canyon Road and Interstate 15, as well as resolve long standing flooding issues at the Elsinore High School. This phase of the project will construct an open channel from Mission Trail approximately 3,000 feet downstream to the natural low northwest of Corydon Street near Skylark Airport. The preliminary channel dimensions range from a bottom width of 14 to 31 feet, 4:1 slopes and depth of 7 feet. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
3-8-00142*	02	DISTRICT (PLANNING)	SEDCO MDP LINE G – This District-led project will be a follow-on project to Sedco MDP Line G, Stage 1 and will complete the Line G system. This system will provide flood protection to the community southwest of Bundy Canyon Road and Interstate 15, as well as resolve long standing flooding issues at the Elsinore High School. The project will intercept storm flows reaching Orange Street from the east and convey those flows westerly along Canyon Drive to the Stage 1 facility at Mission Trail. This project has approximately 4,700 feet of reinforced concrete box ranging in size from 6'x6' to 12'x6' (width x height) and 615 feet of 42-inch diameter reinforced concrete pipe. The District will be responsible for operation and maintenance of the facility. This project is currently partially funded with additional funds to be added in future years as funding becomes available.
3-8-00149*	00	CITY OF WILDOMAR	SEDCO MDP LINE F-2 – This City of Wildomar-led project extends the existing Sedco Master Drainage Plan Line F-2 to capture flows tributary to Lemon Street, Lost Road and Gafford Road and convey them to the existing District Sedco MDP Line F-2 and Sedco Basin. The proposed project consists of approximately 1,200 feet of 42-inch and 54-inch reinforced concrete pipe that will provide flood protection and reduce sediment issues within the area. The District will be responsible for operation and maintenance of the facility. The District is funding 50% of the cost of the project in partnership with the City of Wildomar.
3-8-09028*	00	DISTRICT (PLANNING)	WEST ELSINORE MDP LINE B – This is a District-led initiative to acquire approximately one acre worth of right of way that will be needed for the eventual construction of a portion of West Elsinore MDP Line B. The upstream end of the acquisition begins from the natural wash located approximately 300 feet west of the Crestview Drive cul de sac; the alignment continues east behind private property and connects into the existing portion of Leach Canyon Channel near Manchado Street. The acquisition is funded by the District.

P8/250891

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# **Zone 4**

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

Project Number	Stg No.	Project Title	Project Cost	Appropriations		Funding Sources (5-Year Total)			Total NOT
			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**

**REVENUE:**

Taxes	\$146,677,246
Interest	\$3,211,714
ADP Fees	\$200,000
Rental	\$73,500
<b>Subtotal Revenue</b>	<b>\$150,162,460</b>
External Contribution	\$16,612,938
<b>Total Five Year Revenue</b>	<b>\$166,775,398</b>
<b>Total Funds Available</b>	<b>\$233,718,534</b>

**APPROPRIATIONS:**

District Led Project Appropriations	\$100,555,517
Partner Led Project Appropriations	\$74,165,186
Miscellaneous Watershed Protection Projects	\$1,000,000
Capital Project Cost Inflation	\$3,357,506
Real Estate Acquisition	\$6,000,000
Operating & Maintenance Expenses	\$39,898,602
Contingencies	\$2,802,244
Debt Service Payments	\$5,637,250
<b>Total Five Year Appropriations</b>	<b>\$233,416,305</b>
<b>ENDING FUND BALANCE - JUNE 30, 2028:</b>	<b>\$302,229</b>

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

Project Number	Stg No.	Project Title	Project Cost	Appropriations				Funding Sources			Total NOT District Funded
			Total Remaining Cost	FY 2023-24 Year 1		FY 2025-28 Years 2-5		5-Year Total			
				District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	External 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 LED CAPITAL 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)

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
4-8-00009	04	DISTRICT (DESIGN & CONST.)	PERRIS VALLEY CHANNEL LATERAL B – 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 adjacent properties. The project will collect the 100-year runoff from the proposed Perris Valley Channel Lateral B, Stage 5 storm drain, which will be constructed as part of a development between MARB and Interstate 215 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 (\$11.4 million) and the March Joint Powers Authority (\$4 million via developer).
4-8-00010*	02	DISTRICT (PLANNING)	PERRIS VALLEY CHANNEL – This is a District-led project for an open channel proposed in the adopted Perris Valley Channel Master Drainage Plan/Area Drainage Plan (MDP/ADP) to provide flood protection to the city of Perris and serve as the outlet for existing and proposed storm drains in the cities of Perris and Moreno Valley. The District will be responsible for operation and maintenance of the facility. Segments of the channel will be designed and constructed when enough funds become available from the Perris Valley Channel Area Drainage Plan.
4-8-00013*	01	MULTIPLE PARTNER AGENCIES	SUNNYMEAD - CACTUS AVENUE CHANNEL – This project is a partnership between the District, March Joint Powers Authority (MJPA), March Air Reserve Base (MARB), the City of Moreno Valley and a development interest. The project will construct approximately 1.5 miles of reinforced concrete box (RCB) along the south side of Cactus Avenue from Elsworth Street to Heacock Street. The facility will collect flows from existing storm drains within the city of Moreno Valley along Cactus Avenue and convey those flows east to the existing Heacock Channel. The project will provide flood protection to the MARB properties within MJPA land and surrounding areas along Cactus Avenue. The District will be responsible for operation and maintenance of the facility. This project is funded as a cost share between the District and multiple stakeholders.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.



**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
4-8-00038	02	CITY OF SAN JACINTO	SAN JACINTO MDP LINE J – 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 development channel located south of Ramona Expressway and convey them north toward 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.
4-8-00219*	01	DISTRICT (PLANNING)	HEMET - SOUTH DARTMOUTH STREET STORM DRAIN – This is a District-led project to construct approximately 370 feet of 42-inch diameter underground storm drain within Dartmouth Street south of Stetson Avenue and construct more catch basins to help alleviate flooding for about four parcels on the west side of Dartmouth Street. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

## PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
4-8-00235	02 AND 03	CITY OF HEMET	WEST HEMET MDP LINE C – This is a partnership project between the District, the City of Hemet (City) and a developer for Tracts 36510 and 36759. This project has been previously referred to in the budget as West Hemet Master Drainage Plan Interim Improvements (4-8-09068). The system consists of approximately 4,700 feet of primarily earthen open channel, which will convey flows from the existing City-maintained Seattle Basin 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 by the developer and will be constructed by the District. The system will continue across Myers Street as an underground reinforced concrete box storm drain for approximately 600 feet southwesterly of Myers Street and Devonshire Avenue (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.
4-8-00251	01	CITY OF SAN JACINTO	SAN JACINTO MDP LINES E-2 AND E-2A – 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 inches to 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.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

## PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
4-8-00265	02	DISTRICT (DESIGN & CONST.)	LITTLE LAKE MDP LINE B – 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 master-planned 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.
4-8-00290	01	CITY OF MORENO VALLEY	SUNNYMEAD MDP LINES F, F-7 – 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. 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.
4-8-00330	00	DISTRICT (DESIGN & CONST.)	GREEN ACRES DAM AND OUTLET – This is a District-led project for a proposed 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.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
4-8-00331	01	DISTRICT (DESIGN & CONST.)	LAKEVIEW/NUOVO MDP LATERAL D AND E – 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 as a cost share between the District, fees collected from the Lakeview-Nuevo Area Drainage Plan and other stakeholders.
4-8-00403*	01	CITY OF MORENO VALLEY	MORENO MDP LINES F-18 – 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 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. Both projects are funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
4-8-00410	01	DISTRICT (PLANNING)	MEAD VALLEY MDP LINE A – This is a District-led project to provide flood protection and serve as the outlet for the proposed drainage facility in the unincorporated community of Mead Valley. The project 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 in the Mead Valley area along the ultimate alignment of Mead Valley MDP Line A. This interim project to acquire parcels is a non-structural flood hazard mitigation program with the potential to preserve or restore the natural habitat, improve water quality, recharge ground water aquifers and/or provide recreational opportunities. The District will be responsible for the operation and maintenance of the ultimate Line A facility. This project is funded by the District.
4-8-00425	01	DISTRICT (DESIGN & CONST.)	GOOD HOPE - OLIVE AVENUE STORM DRAIN – This is a District-led project that will construct over two miles of various box and pipe sizes (18 inches to 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 project will collect storm flows at various points within the community starting at two inlets along Read Street and convey the flows east through Steele Peak Drive then south through Spring Street to the detention basin at the northwest corner of Spring Street and Olive Avenue. An additional upstream inlet is located along Quail Drive, which will convey flows north through Quail Drive then east through Olive Street to the detention basin. The basin outlet runs east along Olive Street and will capture flows beginning near Spring Street and Eucalyptus Avenue and within Club Drive west of Theda Street, which will all drain to the existing culvert crossing on Highway 74 just east 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 Riverside County Transportation Department for paving.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
4-8-00431	04 and 05	DISTRICT (DESIGN & CONST.)	ROMOLAND MDP LINE A-3 – 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.
4-8-00486*	04	DISTRICT (PLANNING)	PERRIS VALLEY MDP LINE B-1 EXTENSION – This is a District-led project, which is needed to alleviate frequent flooding at the intersection of Perris Boulevard at Rivard Road and sediment/debris build up upstream of existing portion of Line B-1. The existing Perris Valley MDP Line B-1 has been constructed from Line B up to a point approximately 700 feet north of San Michele Road. The final proposed reach of 42-inch reinforced concrete pipe is approximately 300 feet north to Rivard Road. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
4-8-00488*	05	CITY OF PERRIS	PERRIS VALLEY MDP LINE E – 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.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
4-8-00614	02	CITY OF MORENO VALLEY	SUNNYMEAD MDP LINE B-16A – 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 inches to 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.
4-8-00670*	03	CITY OF MORENO VALLEY	SUNNYMEAD MDP LINE H – The City of Moreno Valley-led project will collect flows from the existing culverts under the 60 freeway just west of Indian Street and convey them southeasterly to the existing District Pigeon Pass Channel near the intersection of Sunnymead Boulevard and Indian Street. This project will provide flood protection to the area and may clean up an existing Federal Emergency Management Agency floodplain located along the project alignment. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
4-8-00735	90	DISTRICT (DESIGN & CONST.)	SUNNYMEAD-INDIAN STREET BASIN – 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.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
4-8-00766	02	CITY OF MORENO VALLEY	MORENO MDP LINE K-1 – 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 flows west within Ironwood Avenue where they 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.
4-8-00766*	03	CITY OF MORENO VALLEY	MORENO MDP LINE K-1 AND LINE K-4 – This City of Moreno Valley (City)-led project will construct an underground storm drain approximately 2,300 feet, which will mitigate frequent flooding affecting the residents and streets along Carrie Lane, Kalmia Avenue and Pettit Street. It will collect the 100-year flows beginning along Locust Avenue east of Carrie Lane and convey them in an underground storm drain southerly in Carrie Lane, west in Kalmia Avenue, then south within Pettit Street where it will outlet into an existing City storm drain. The operation and maintenance responsibilities will be determined based on storm drain sizing. This project is funded by the District and fees collected from the Moreno Area Drainage Plan.
4-8-09053*	00	CITY OF MORENO VALLEY	SUNNYMEAD LINE A-1 – The City of Moreno Valley-led project proposes to construct 1,500 feet of 57-inch reinforced concrete pipe along Perris Boulevard from Perris Valley Storm Drain Lateral A to Suburban Lane, and in Suburban Lane from Perris Boulevard to Lake Victoria Drive. The existing drainage system (18-inch corrugated metal pipe) is under sized and cannot provide ultimate capacity to protect land from flooding. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.



**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
4-8-09083	00	CITY OF SAN JACINTO	SAN JACINTO VALLEY MDP LINE G-3 – 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 system. 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.
4-8-09093*	00	CITY OF MORENO VALLEY	MORENO WEST END MASTER DRAINAGE PLAN LINE GG – The City of Moreno Valley (City)-led project proposes to construct 1,100 feet of 42-inch reinforced concrete pipe along Linda Court to Old 215 Frontage Road. The projects will reduce flooding in the area. The City is currently approving plans for a developer to build a storm drain, which will replace the need for the Line GG system. If the developer facility is constructed, this project will be removed from the District's Capital Improvement Plan.
4-8-09107*	00	DEVELOPER	HOLLAND CHANNEL - BRIGGS ROAD CULVERT – The Developer-led project is to provide regional flood protection for the overall area with the facilities extending from Eucalyptus Road to Southshore Drive. The project includes construction of approximately 160 feet of 5-barrel 8.5-feet-high by 14-feet-wide reinforced concrete box at the intersection of Briggs and Holland Roads. The District will be responsible for operation and maintenance of the entire system when constructed and accepted by the District. This project is funded as a cost share between the District and other stakeholders.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
4-8-09110*	00	DISTRICT (PLANNING)	LAKEVIEW/NUOVO MDP LATERAL A RESTORATION – This District-led project to replace the existing earthen channel and a box culvert will increase the hydraulic capacity of the facility and reduce flooding along 11th Street. The proposed project will collect flows upstream of 11th Street and convey them northwest through the improved box culvert at 11th Street and 1,300 feet of proposed trapezoidal channel between 11th Street and 12th Street. Flows will be discharged into existing box culvert at 12th Street, which is part of the Nuevo Channel facility. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
4-8-09115*	00	DISTRICT (PLANNING)	PERRIS VALLEY MDP LINE H-12 – This is a District-led project to resolve flooding between the developer's portion of Perris Valley MDP Lateral H-12 and an existing Caltrans culvert. The proposed project is a 10'W x 7'H reinforced concrete box that will collect flows from Perris Valley MDP Line H-12 and convey them across Riverside County Transportation Commission property to an existing Caltrans culvert running under Interstate 215. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
4-8-09116*	00	CITY OF HEMET	CHAMBERS STREET & LYONS AVENUE STORM DRAIN – The City of Hemet-led project proposes to construct 3,600 feet of storm drain along Chambers Street and Lyon Avenue and ultimately to Salt Creek Channel. The project will reduce flooding in the area. The District or the City of Hemet will be responsible for operation and maintenance of the facility based on storm drain sizing. This project is funded by the District.
4-8-09117*	00	DISTRICT (PLANNING)	AZUSA CHANNEL – This is a District-led project to the east side of Mt. San Jacinto College - Menifee Valley campus to reduce street and community flooding. This project will collect flows from Menifee Drainage Channel and TR 36852 channel into a proposed large inlet structure. Flows will be conveyed north in the proposed 1,400 feet of open channel then discharge into the existing City of Menifee owned La Piedra Road Culvert, which outlets to Menifee Lakes. The District will be responsible for operation and maintenance of the channel. This project is funded as a cost share between the District and Mt. San Jacinto Community College District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
4-6-10000	00	CITY OF MENIFEE	BRADLEY ROAD BRIDGE OVER SALT CREEK – 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 crossing (bridge). 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.
4-6-10003*	00	CITY OF MENIFEE	MURRIETA & GARBANI UNDERCROSSING – This City of Menifee-led project to provide flood protection near Menifee Valley Middle School. The project consists of approximately 200 feet of undercrossing in Murrieta Road near Garbani Road. This project will reduce flooding in the area. The City of Menifee will be responsible for operation and maintenance of the facility. This project is funded by the District.
4-6-10004*	00	CITY OF MENIFEE	ROMOLAND MDP LATERAL A-8a – This City of Menifee-led project will drain a water quality basin near McLaughlin Road and Evans Road and reduce flooding in local streets because the basin does not currently have an adequate outlet. Stormwater captured in basin will be conveyed underground through approximately 615 feet of 2-feet x 4-feet reinforced concrete box east along McLaughlin Road and discharge into existing Romoland MDP Line A-8 system on Evans Road. The City of Menifee or other public agency will be responsible for operation and maintenance of the facility in the interim. The project is funded by the District.

P8/251041

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# **Zone 5**

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
DISTRICT LED PROJECT SUMMARY - ZONE 5  
FISCAL YEARS 2023-24 THROUGH 2027-28**

Project Number	Stg No.	Project Title	Project Cost	Appropriations		Funding Sources (5-Year Total)			Total NOT
			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									
5-8-00080	01	MARSHALL CREEK	\$8,500,442	\$591,162	\$7,909,280	\$8,500,442	\$0	\$0	\$0
DESIGN & CONSTRUCTION PROJECTS			\$8,500,442	\$591,162	\$7,909,280	\$8,500,442	\$0	\$0	\$0
PLANNING PROJECTS									
5-6-10000	00	SMITH CRK PERSHING CRK STUDY	\$325,000	\$225,000	\$100,000	\$325,000	\$0	\$0	\$0
5-8-00010	90	LITTLE SAN GRGNIO CRK POST FIR	500,000	0	500,000	500,000	0	0	0
5-8-00020	93	NOBLE CRK BOLLARD REM POST FIR	750,000	0	750,000	750,000	0	0	0
5-8-09026	00	W PERSHING CH LINE K AND LATS	6,270,253	0	6,270,253	6,270,253	0	0	0
5-8-09027	01	EAST GILMAN HOME CH DB	3,591,510	0	3,591,510	3,591,510	0	0	0
5-8-09031	02	BEAUMONT MDP LN 2 STG 2 & 2-A	2,837,296	0	2,837,296	2,837,296	0	0	0
PLANNING PROJECTS			\$14,274,059	\$225,000	\$14,049,059	\$14,274,059	\$0	\$0	\$0
ZONE 5 DISTRICT LED PROJECT TOTALS			\$22,774,501	\$816,162	\$21,958,339	\$22,774,501	\$0	\$0	\$0

**FIVE-YEAR CIP SUMMARY**

**FUND BALANCE FORWARD - JULY 1, 2023:** **\$17,721,255**

**REVENUE:**

Taxes	\$34,656,725
Interest	\$1,221,468
<b>Subtotal Revenue</b>	<b>\$35,878,193</b>
External Contribution	\$0
<b>Total Five Year Revenue</b>	<b>\$35,878,193</b>
<b>Total Funds Available</b>	<b>\$53,599,448</b>

**APPROPRIATIONS:**

District Led Project Appropriations	\$22,774,501
Partner Led Project Appropriations	\$20,585,402
Capital Project Cost Inflation	\$701,558
Operating & Maintenance Expenses	\$8,491,849
Contingencies	\$665,709
<b>Total Five Year Appropriations</b>	<b>\$53,219,019</b>
<b>ENDING FUND BALANCE - JUNE 30, 2028:</b>	<b>\$380,429</b>

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
PARTNER LED PROJECT SUMMARY - ZONE 5  
FISCAL YEARS 2023-24 THROUGH 2027-28**

Project Number	Stg No.	Project Title	Project Cost	Appropriations				Funding Sources			Total NOT District
			Total	FY 2023-24 Year 1		FY 2025-28 Years 2-5		5-Year Total			Funded
			Remaining Cost	District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	External Contribution	
PARTNER LED CONTRIBUTION PROJECTS											
5-6-10001	00	BANNING WTR CYN SW PRC BSN E R	\$1,000,000	\$0	\$750,000	\$0	\$0	\$750,000	\$0	\$0	(\$250,000)
5-6-10027	00	SAN GORGONIO IRWM	140,000	0	30,000	0	110,000	140,000	0	0	0
PARTNER LED CONTRIBUTION PROJECTS			\$1,140,000	\$0	\$780,000	\$0	\$110,000	\$890,000	\$0	\$0	(\$250,000)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS											
5-8-00160	03	CALIMESA CHANNEL STG 3	\$8,471,994	\$0	\$4,000,000	\$125,177	\$4,346,817	\$8,471,994	\$0	\$0	\$0
5-8-00195	01	BEAUMONT MDP LINE 2 STAGE 1	6,242,476	0	247,694	125,520	5,869,262	6,242,476	0	0	0
5-8-00170	06	GILMAN HOME CHANNEL STG 6	3,155,564	0	0	234,585	2,920,979	3,155,564	0	0	0
5-8-00170	07	GILMAN HOME CHANNEL STG 7	1,825,368	0	0	215,714	1,609,654	1,825,368	0	0	0
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			\$19,695,402	\$0	\$4,247,694	\$700,996	\$14,746,712	\$19,695,402	\$0	\$0	\$0
ZONE 5 PARTNER LED PROJECT TOTALS			\$20,835,402	\$0	\$5,027,694	\$700,996	\$14,856,712	\$20,585,402	\$0	\$0	(\$250,000)

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
5-8-00010*	90	DISTRICT (PLANNING)	LITTLE SAN GORGONIO CREEK POST FIRE— Following the Apple and El Dorado Fires of 2020, the District collaborated with the Beaumont Cherry Valley Water District (BCVWD) to modify several BCVWD-owned percolation basins northwest of Orchard Street and Avenida Miravilla to enable them to intercept potential debris and mud flows and prevent them from impacting the communities of Cherry Valley and Beaumont. The agreement with BCVWD is that once the burn area heals over the subsequent few years, the District would restore the basins to their original condition. The District is reserving funds to restore those basins once they are determined to no longer be needed for debris flow purposes.
5-8-00020*	93	DISTRICT (PLANNING)	NOBLE CREEK BOLLARD REMOVAL POST FIRE – Following the Apple and El Dorado Fires of 2020, the District collaborated with the Beaumont Cherry Valley Water District (BCVWD) to install bollards in a portion of Noble Creek owned by BCVWD west of Cherry Avenue and Bridge Street. These bollards trap debris emanating from the burned mountainside, preventing it from impacting the communities of Cherry Valley and Beaumont downstream. The agreement with BCVWD is that once the burn area heals over the subsequent few years, the District would re-evaluate whether the bollards should be removed or become a permanent feature for the District to maintain. The District is reserving funds to either remove the bollards or to secure the permanent rights to maintain these bollards as a District facility.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

## PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
5-8-00080	01	DISTRICT (DESIGN & CONST.)	MARSHALL CREEK – This is a District-led storm drain improvement project in unincorporated Riverside County that will collect runoff at the intersection of Brookside Avenue and Cherry Avenue and convey it southwest into the existing Marshall Creek Channel south of Shane Lane, owned by the City of Beaumont. The project is anticipated to consist of approximately 2,300 feet of improvements consisting of a combination of open channel and underground box storm drain. The primary objective of this project is to provide infrastructure that will improve flood protection to the intersection of Brookside and Cherry Avenues and enable future extensions of Marshall Creek Channel east along Brookside Avenue. The overall system of Marshall Creek Channel (including future stages) will result in 100-year flood protection to the community along the alignment. The District will be responsible for operation and maintenance of the storm drain improvements. This project is funded by the District.
5-8-00160	03	CITY OF CALIMESA	CALIMESA CHANNEL, STAGE 3 – This is a City of Calimesa-led project that will provide flood protection and reduce erosion along Calimesa Creek and adjacent public facilities. Storm flows are generally conveyed from east to west. This project will be broken up into two phases. Phase 1 will include approximately 1,700 feet of storm drain located within County Line Road collecting flows near 5th Street, conveying them westerly toward Calimesa Boulevard. Phase 2 will include three elements: 1) a 53-acre detention basin near the southwest corner of 3rd Street and County Line Road, 2) a storm drain to connect the existing Calimesa Channel outlet near 5th Street to the Phase 1 storm drain and 3) construction of the outlet for the entire system located 300 feet west of the intersection of Calimesa Blvd and County Line Road. The City of Calimesa will be responsible for operation and maintenance of the system in the interim when Phase 1 is constructed. The District will be responsible for operation and maintenance of the entire system once Phase 2 is complete. South Mesa Water District will be responsible for maintenance of the water quality aspects of the basin. This project is funded as a cost share between the District, the City of Calimesa and an Environmental Protection Agency grant.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.



## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
5-8-00170*	06	BANNING UNIFIED SCHOOL DISTRICT	GILMAN HOME CHANNEL, STAGE 6 – This Banning Unified School District-led project will alleviate flooding to the existing Banning High School as well as facilitate future campus expansion. The project extends the existing Gilman Home Channel, Stage 2 southerly approximately 2,000 feet along the westerly boundary of Banning High School. The proposal is to replace the existing natural channel with a reinforced concrete box and/or a concrete trapezoidal channel. The District will be responsible for operation and maintenance of the facility. The District is funding the cost to design and construct a concrete-lined open trapezoidal channel. Any excess costs to construct an underground box storm drain through the school site will be funded by Banning Unified School District.
5-8-00170*	07	BANNING UNIFIED SCHOOL DISTRICT	GILMAN HOME CHANNEL, STAGE 7 – This Banning Unified School District-led project will provide an adequate outlet for the Gilman Home Channel, Stage 6 project and alleviate flooding at the KOA Campground at San Gorgonio Avenue and Wesley Street. The project extends the proposed Gilman Home Channel, Stage 6 project approximately 1,000 feet south along the westerly boundary of the campground. The proposal is to replace the existing natural channel with a trapezoidal channel. The District will be responsible for operation and maintenance of the channel. The District is fully funding the construction of a concrete trapezoidal channel.
5-8-00195	01	CITY OF BEAUMONT	BEAUMONT MDP LINE 2, STAGE 1 – This City of Beaumont-led project will collect storm flows beginning at Chestnut Avenue and 6th Street and convey them in an underground storm drain system east along 6th Street, then south along Pennsylvania Avenue past the Interstate 10 Freeway, where the flows will then outlet into an existing developer constructed open channel located east of the intersection of First St and Berkshire Avenue. The project will construct 4,800 feet of storm drain, which will provide flood protection to the surrounding community. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
5-8-09026*	00	DISTRICT (PLANNING)	W. PERSHING CHANNEL LINE K AND LATERALS – This is a District-led project to provide flood protection to Ramsey Street between Highland Home Road and Omar Street in the city of Banning. The project will also provide flood protection to businesses in the project vicinity and possibly reduce Federal Emergency Management Agency (FEMA) mapped Zone A floodplain. Included within this project are multiple lines listed below that will be analyzed to reduce/possibly eliminate the flooding at Ramsey Street: West Pershing Channel Line K, East Pershing Channel Line L and Lateral L-1, West Pershing Channel Line K-1 and Banning MDP Line I (at Ramsey). However, due to the anticipated construction of Smith Creek Regional Basin (upstream of this system), the need for West Pershing Channel Line K-1 and Banning MDP Line I (at Ramsey) will be evaluated at the onset of the design phase for the projects. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
5-8-09027*	01	DISTRICT (PLANNING)	EAST GILMAN HOME CHANNEL DEBRIS BASIN – This is a District-led project to capture debris upstream of the existing Gilman Home Channel Lateral A. The project is located northwest of Gilman Street and will be sized to capture a debris volume of 18.7 acre-feet. The project may also provide opportunities for groundwater recharge and water quality enhancement benefits. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
5-8-09031*	02	DISTRICT (PLANNING)	BEAUMONT MDP LINES 2, STAGES 2 AND 2-A – This District-led project serves to intercept flows that currently flood Palm Elementary School and other properties within the Federal Emergency Management Agency mapped floodplain and will serve as an outlet for other regionally planned facilities. The storm drain will discharge to the proposed Beaumont MDP Line 2, Stage 1 led by the City of Beaumont. Line 2 will be extended north along Chestnut Avenue, and Line 2-A will be constructed west along 8th Street to Palm Elementary School. This project will construct approximately 1,900 feet of underground storm drain ranging in size from 60-inch to 72-inch reinforced concrete pipe. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
5-6-10000	00	DISTRICT (PLANNING)	SMITH CREEK/PERSHING CREEK STUDY – This project includes a future cooperative agreement with the City of Banning to cost share on a study of stormwater capture opportunities for the portion of these two creeks south of Interstate 10. The project also includes cooperative funding of construction costs for identified stormwater recharge facilities. This study is funded by the District.
5-6-10001	00	CITY OF BANNING	BANNING WATER CANYON STORM WATER PERCOLATION BASINS EMERGENCY REPAIR – This a City of Banning-led project requesting funding to dredge out several stormwater percolation basins in the Banning Water Canyon impacted by storms in 2022/23 rainy season. The impact to the basins were exacerbated due to debris related to the Apple Fire. The City of Banning will be responsible for operation and maintenance of the facility. This project is funded as a cost share between the District and the City of Banning.
5-6-10027	00	CITY OF BANNING	SAN GORGONIO INTEGRATED REGIONAL WATER MANAGEMENT (IRWM) CONTRIBUTION – This is a City of Banning-led effort to identify and implement water management solutions on a regional scale. The project will include activities to support close coordination with project proponents, the District, Regional Water Management Group Members and other stakeholders. Cost includes project management of the San Gorgonio IRWM Plan, including close coordination with all key stakeholders.

P8/250892

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# Zone 6

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

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

**FIVE-YEAR CIP SUMMARY**

**FUND BALANCE FORWARD - JULY 1, 2023: \$11,043,328**

**REVENUE:**

Taxes	\$44,811,961
Interest	\$1,224,169
Rental	\$30,000
<b>Subtotal Revenue</b>	<b>\$46,066,130</b>
FEMA Reimbursement	\$3,919,000
External Contribution	\$0
<b>Total Five Year Revenue</b>	<b>\$49,985,130</b>
<b>Total Funds Available</b>	<b>\$61,028,458</b>

**APPROPRIATIONS:**

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

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

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

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
6-8-00034	01	CITY OF DESERT HOT SPRINGS	DESERT HOT SPRINGS MDP LINE C-1 – This City of Desert Hot Springs-led project consists of approximately 4,070 feet of various size pipe (48-inch to 60-inch). 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.
6-8-00036*	01	CITY OF DESERT HOT SPRINGS	DESERT HOT SPRINGS PIERSON BLVD DETENTION BASIN – This is a developer-led project that was proposed as part of the Tuscan Hills development (Tract No. 36774) processed through the City of Desert Hot Springs (City). The project involves the construction of regional drainage facilities that will provide flood protection to residences south of Pierson Boulevard. The project includes two debris basins that will connect via underground storm drain to a detention basin located near the intersection of Pierson Boulevard and Foxdale Drive. The debris basins will capture debris generated by the foothills northeast of the project site, and the detention basin is proposed to store and attenuate storm runoff. The District will be responsible for operation and maintenance of the facility. This project will require a private-public partnership between the City, District and developer to bring the project to fruition. The District anticipates that the developer will provide right of way and will design and construct the facilities. The budget allows the District to contribute funding for construction in proportion to the offsite regional benefit. A tri-party agreement has been drafted and is currently being reviewed by all parties.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

## PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
6-8-00160	03	DISTRICT (DESIGN & CONST.)	PALM SPRINGS MDP LINE 41 – Stage 3 of the Line 41 system is a District-led project to install approximately 5,450 feet of 30-inch to 108-inch underground pipe 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. The District will be responsible for operation and maintenance of the facility and basin improvements. This project is funded by the District.
6-8-00160	04	DISTRICT (DESIGN & CONST.)	PALM SPRINGS MDP LINE 41 – 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. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.
6-8-00230*	01	DISTRICT (PLANNING)	PALM SPRINGS MDP LINE 23 – This District led project will provide flood protection along El Cielo Road, beginning at Escobar Road and ending at Tahquitz Creek. The project will collect flows at the intersection of Escoba Drive and El Cielo Road and convey these flows in an underground storm drain approximately 2,760 feet north to its outlet at Tahquitz Creek. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.



## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
6-8-00250	90	DISTRICT (PLANNING)	WHITEWATER RIVER - LEVEE RESTORATION – 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 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.
6-8-00300	03	CITY OF PALM SPRINGS	PALM SPRINGS MDP LINE 6 (formerly known as Palm Springs MDP Line 6 and Lateral 6D) – This is a City of Palm Springs-led project to construct Palm Springs Master Drainage Plan Line 6 and 6D (6-8-00232-00 Palm Springs Lateral 6D). The project includes approximately 4,000 feet of 30-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 it will outlet into the existing District's Palm Springs MDP Lines 5 and 6 storm drains. The District and the City of Palm Springs will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District.
6-8-00320	03	CITY OF PALM SPRINGS	PALM SPRINGS LINE 20 – 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'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.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
6-8-09014*	00	CITY OF DESERT HOT SPRINGS	DESERT HOT SPRINGS MDP LINE A – This City of Desert Hot Springs-led project will generally collect flows from Hacienda Avenue and convey flows toward Two Bunch Palms Trail and Ocotillo Road in a southeasterly direction, reducing flooding within the community and removing the existing Federal Emergency Management Agency (FEMA) mapped floodplain along Ocotillo Road. This project includes a total of approximately 13,620 feet of storm drain improvements and is broken up into Phases 1 and 2. Phase 1 includes alternatives Line A-3 and A-3c, and Phase 2 consists of Line A-2 and a continuation of Line A west along Two Bunch Palms Trail. 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.
6-6-09012*	00	CITY OF CATHEDRAL CITY	VARNER ROAD AT WILLOW HOLE OUTFALL IMPROVEMENTS – This City of Cathedral City-led project will be used to mitigate future flood damage 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 City of Cathedral City will be responsible for the operation and maintenance of the facility. This project is funded as a cost share between the District and the City of Cathedral City.
6-6-09016*	00	CITY OF CATHEDRAL CITY	LONG CANYON WASH CROSSING AT DATE PALM DRIVE – This City of Cathedral City-led project will be used to replace the existing undersized drainage structure 150 feet south of the intersection between Varner Road and Date Palm Drive with a new approximately 126-foot-long drainage structure to convey 3,520 cubic feet per second at Long Canyon Wash. The City of Cathedral City will be responsible for operation and maintenance of the facility. This project is funded as a cost share between the District, the City of Cathedral City and other stakeholders.

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
6-6-09017*	00	CITY OF CATHEDRAL CITY	VARNER ROAD & EDM HILL ROAD OUTFALL – This City of Cathedral City-led project, located approximately 30 feet to the north of the Edom Hill Road and Varner Road intersection, will be used to mitigate future flood damage and road closures along Varner Road. The project consists of a 126-foot-long drainage structure for a crossing under Varner Road to convey 836 cubic feet per second into Long Canyon Wash. The City Cathedral City will be responsible for the operation and maintenance of the facility. This project is funded as a cost share between the District and the City of Cathedral City.

P8/250895

\* Projects with an asterisk following the Project Number are not included in the FY 2023-2024 budget (CIP Year One) but are included in Years Two through Five of the CIP.

# **Zone 7**

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
DISTRICT LED PROJECT SUMMARY - ZONE 7  
FISCAL YEARS 2023-24 THROUGH 2027-28**

Project Number	Stg No.	Project Title	Project Cost	Appropriations		Funding Sources (5-Year Total)				Total NOT
			Total Remaining Cost	FY 2023-24 Year 1	FY 2025-28 Years 2-5	Tax Revenue	ADP Contribution	Tem/Pech Contribution	External Contribution	District Funded
DESIGN & CONSTRUCTION PROJECTS										
7-8-00065	03	TEMECULA CREEK MORGAN VLY WASH	\$3,129,733	\$82,446	\$3,047,287	\$3,129,733	\$0	\$0	\$0	\$0
7-8-00075	03	WILDOMAR MDP LAT C	17,603,970	10,004,246	7,599,724	17,018,029	0	0	585,941	0
7-8-00130	90	MURRIETA CREEK MDP LN E RSTRTN	1,012,182	0	1,012,182	929,026	83,156	0	0	0
DESIGN & CONSTRUCTION PROJECTS			\$21,745,885	\$10,086,692	\$11,659,193	\$21,076,788	\$83,156	\$0	\$585,941	\$0
PLANNING PROJECTS										
7-8-00430	90	TEMECULA/PECHANGA CRK SLOPE PA	\$11,903,278	\$150,000	\$11,364,342	\$11,298,099	\$0	\$605,179	\$0	\$0
7-8-00133	01	MURRIETA CREEK MDP LN A	4,431,306	0	483,916	0	483,916	0	0	(3,947,390)
7-8-00190	01	TUCALOTA CREEK	4,270,650	0	192,164	0	192,164	0	0	(4,078,486)
7-8-00760	03	WARM SPRINGS CHANNEL	3,126,000	0	616,387	0	616,387	0	0	(2,509,613)
7-8-09015	00	MURRIETA CRK/WILDOMAR CH IMPRV	377,774	0	377,774	0	377,774	0	0	0
PLANNING PROJECTS			\$24,109,008	\$150,000	\$13,034,583	\$11,298,099	\$1,670,241	\$605,179	\$0	(\$10,535,489)
ZONE 7 DISTRICT LED PROJECT TOTALS			\$45,854,893	\$10,236,692	\$24,693,776	\$32,374,887	\$1,753,397	\$605,179	\$585,941	(\$10,535,489)

**FIVE-YEAR CIP SUMMARY**

**FUND BALANCE FORWARD - JULY 1, 2023:      \$33,955,770**

**REVENUE:**

Taxes	\$39,339,909
Interest	\$1,852,348
ADP Fees	\$30,000
<b>Subtotal Revenue</b>	<b>\$41,222,257</b>
External Contribution	\$585,941
<b>Total Five Year Revenue</b>	<b>\$41,808,198</b>
<b>Total Funds Available</b>	<b>\$75,763,968</b>

**APPROPRIATIONS:**

District Led Project Appropriations	\$34,930,468
Partner Led Project Appropriations	\$22,064,617
Miscellaneous Watershed Protection Projects	\$500,000
Capital Project Cost Inflation	\$1,844,654
Operating & Maintenance Expenses	\$14,864,503
Contingencies	\$770,790
<b>Total Five Year Appropriations</b>	<b>\$74,975,032</b>
<b>ENDING FUND BALANCE - JUNE 30, 2028:</b>	<b>\$788,936</b>

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
PARTNER LED PROJECT SUMMARY - ZONE 7  
FISCAL YEARS 2023-24 THROUGH 2027-28**

Project Number	Stg No.	Project Title	Project Cost	Appropriations				Funding Sources			Total NOT District Funded
			Total Remaining Cost	FY 2023-24 Year 1		FY 2025-28 Years 2-5		5-Year Total			
				District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	Maintenance Contribution	
PARTNER LED CONTRIBUTION PROJECTS											
7-6-10000	00	DE PORTOLA DRAINAGE CH	\$957,330	\$0	\$600,000	\$0	\$0	\$600,000	\$0	\$0	(\$357,330)
PARTNER LED CONTRIBUTION PROJECTS			\$957,330	\$0	\$600,000	\$0	\$0	\$600,000	\$0	\$0	(\$357,330)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS											
7-8-00021	00	MURRIETA CREEK CH (PH 2B & 3)	\$91,026,398	\$384,593	\$2,500,000	\$0	\$15,580,024	\$17,446,885	\$1,017,732	\$0	(\$72,561,781)
7-8-00116	02	BUTTERFIELD STG RD SD	7,000,000	0	3,000,000	0	0	3,000,000	0	0	(4,000,000)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			\$98,026,398	\$384,593	\$5,500,000	\$0	\$15,580,024	\$20,446,885	\$1,017,732	\$0	(\$76,561,781)
ZONE 7 PARTNER LED PROJECT TOTALS			\$98,983,728	\$384,593	\$6,100,000	\$0	\$15,580,024	\$21,046,885	\$1,017,732	\$0	(\$76,919,111)

# CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

## PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
7-8-00021	02 and 03	U.S. ARMY CORPS OF ENGINEERS (CORPS)	<p>MURRIETA CREEK CHANNEL (PHASES 2B AND 3) – This is a Corps-led project drainage facility that will provide 100-year flood protection to portions of the cities of Murrieta and Temecula along Murrieta Creek.</p> <ul style="list-style-type: none"> <li>The District is currently working with the Corps to pursue Phase 2B - Channel improvements from Rancho California Road to Winchester Road. The District will be responsible for operation and maintenance of the facility once construction is completed by the Corps. The District will then license the trails to the City of Temecula for public use and operation and maintenance responsibilities.</li> <li>The District is currently working with the Corps to pursue Phase 3 - The detention basin/environmental restoration/sports park (Murrieta/Temecula). The District will be responsible for operation and maintenance of the facility once construction is completed by the Corps. The District will then license the recreational park areas to the City of Temecula and City of Murrieta for public use and operation and maintenance responsibilities.</li> </ul> <p>This project is funded as a cost share between the Corps, the District and funds from the Murrieta Creek A, B and C Area Drainage Plans.</p>
7-8-00065	03	DISTRICT (DESIGN & CONST.)	<p>TEMECULA CREEK - MORGAN VALLEY WASH – This is a District-led improvement project to stabilize and restore the stream function of Morgan Valley Wash between Via Pascal and Woolpert Lane by the installation of toe and sideslope protection. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.</p>

Projects with an asterisk following the Project Number are not included in the FY 2023-2024  
 \* budget (CIP Year One) but are included in Years Two through Five of the CIP.

**CIP PROJECTS FY 2023-24 THROUGH FY 2027-28****PROJECT NOTES**

<b>PROJ. NO.</b>	<b>STG.</b>	<b>LEAD AGENCY</b>	<b>DESCRIPTION</b>
7-8-00075	03	DISTRICT (DESIGN & CONST.)	WILDOMAR MDP LATERAL C – This is a District-led project to reduce flooding along Bundy Canyon Wash in the city of Wildomar (City). The project consists of a 19-acre detention basin at the southeast corner of Monte Vista Drive and Bundy Canyon Road to collect and attenuate flows, and 930 feet of reinforced concrete box storm drain (predominantly 8'Hx14'W) to convey flows from the basin southerly along Monte Vista Drive to an existing Caltrans culvert crossing underneath Interstate 15. The District is also incorporating betterments requested and funded by the City, including widening of Monte Vista Drive as well as a decorative perimeter wall along Bundy Canyon Road and Monte Vista Drive. The District will be responsible for the operation and maintenance of the basin and storm drain facilities, and the City will maintain the decorative wall and widened Monte Vista Road. This project is funded by the District.
7-8-00116	02	CITY OF TEMECULA	BUTTERFIELD STAGE ROAD STORM DRAIN – This is a City of Temecula-led project that will collect surface runoff arriving at Butterfield Stage Road (BSR) from the east, just south of De Portola Road, and convey it southeast across Temecula Parkway to Temecula Creek adjacent to Wolf Store Road. The project includes construction of 120-inch diameter reinforced concrete pipe storm drain within BSR, parallel to the two existing 120-inch diameter pipes, and construction of a large inlet structure located on the east side of BSR. The project will provide improved flood protection to BSR and the surrounding area. The District will be responsible for the operation and maintenance of the facility. This project is funded as a cost share between the District, the County of Riverside Assessment District 159 (Rancho Villages) and other stakeholders.

Projects with an asterisk following the Project Number are not included in the FY 2023-2024

\* budget (CIP Year One) but are included in Years Two through Five of the CIP.



## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
7-8-00130*	90	DISTRICT (DESIGN & CONST.)	MURRIETA CREEK MDP LINE E RESTORATION – This is a District-led project to modify existing Murrieta Creek MDP Line E from Washington Avenue southerly 1,500 feet to Clay Street to restore design capacity. Heavy vegetation has diminished the channel capacity. Due to environmental constraints, the District anticipates regrading and expanding capacity along existing channel sideslopes and access roads, leaving most of the channel bottom untouched where the vegetation exists. Once complete, the District will be responsible for the operation and maintenance of the facility and portions of the upstream storm drain. This project is funded by the District and funds from the Murrieta Valley Local Area Drainage Plan.
7-8-00133*	01	DISTRICT (PLANNING)	MURRIETA CREEK MDP LINE A – This is a District-led project to provide flood protection to businesses along Murrieta Creek west of Interstate 15 in the city of Temecula. The project consists of upgrading the existing earthen channel to convey 100-year runoff from Jefferson Avenue to Murrieta Creek just west of Del Rio Road. The District will be responsible for the operation and maintenance of the facility. Segments of the channel will be designed and constructed when enough funds become available from the Temecula Valley Local Area Drainage Plan.
7-8-00190*	01	DISTRICT (PLANNING)	TUCALOTA CREEK – This is a District-led project for a proposed bridge crossing at Sage Road to maintain access across Tualota Creek during storm events. The bridge is proposed in the Murrieta Creek Master Drainage Plan/Area Drainage Plan. Riverside County Transportation Department will be responsible for the operation and maintenance of the bridge. The bridge will be designed and constructed when enough funds become available in the Santa Gertrudis Valley Local Area Drainage Plan.
7-8-00430	90	DISTRICT (PLANNING)	TEMECULA/PECHANGA CREEK MISC. SLOPE PAVING – This is a District-led project to correct previous flooding damage and reduce future erosion along the existing slope paving at the confluence of Temecula and Pechanga Creeks. The project improvements include reconstruction of the existing concrete slope paving west of Pechanga Parkway to Interstate 15 and north of Rainbow Canyon Drive. The District will be responsible for the operation and maintenance of the facility. This project is funded by the District and the Temecula/Pechanga Restoration Sub Fund.

Projects with an asterisk following the Project Number are not included in the FY 2023-2024

\* budget (CIP Year One) but are included in Years Two through Five of the CIP.

## CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

### PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
7-8-00760*	03	DISTRICT (PLANNING)	WARM SPRINGS CHANNEL – This is a District-led project to provide flood protection to properties that are currently in a Federal Emergency Management Agency (FEMA) mapped floodplain located along Warm Springs Creek downstream of Interstate 15 within the city of Murrieta. Comprised of open channel, the project collects flows from Warm Springs Creek directly upstream of Madison Avenue and conveys them in a southwesterly direction toward the previously constructed portion of Warm Springs Channel. The District will be responsible for the operation and maintenance of the facility. Segments of the channel will be designed and constructed when enough funds become available from the Warm Springs Area Drainage Plan.
7-8-09015*	00	DISTRICT (PLANNING)	MURRIETA CREEK/WILDOMAR CHANNEL RIGHT OF WAY AND IMPROVEMENTS – This is a District-led project to acquire right of way (ROW) within the Murrieta Creek floodplain (per City of Wildomar's request) from the City's southerly boundary to McVicar Street. The acquisition of ROW will be in lieu of constructing the Murrieta Creek Channel. The area will remain a natural conveyance system. The acquisition of ROW and the necessary improvements to the natural conveyance system will be accomplished when enough funds become available from the Wildomar Valley Local Area Drainage Plan.
7-6-10000	00	COUNTY (TRANS DEPT)	DE PORTOLA DRAINAGE CHANNEL – This is a Riverside County Transportation Department (RCTD)-led project that will address sediment issues along De Portola Road. The project is located north of the intersection of Shiraz Way and De Portola Road and will consist of a sediment basin with a concrete lined slope along the north side of the road. RCTD will be responsible for the operation and maintenance of the facility. This project is funded as a cost share between the District and RCTD.

P8/250917

Projects with an asterisk following the Project Number are not included in the FY 2023-2024  
 \* budget (CIP Year One) but are included in Years Two through Five of the CIP.