

**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
Subtotal Revenue	\$35,878,193
External Contribution	\$0
Total Five Year Revenue	\$35,878,193
Total Funds Available	\$53,599,448

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
Total Five Year Appropriations	\$53,219,019
ENDING FUND BALANCE - JUNE 30, 2028:	\$380,429

**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 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											
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

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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.

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CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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.

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CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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.

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CIP PROJECTS FY 2023-24 THROUGH FY 2027-28

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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.

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