

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
DISTRICT LED PROJECT SUMMARY - ZONE 5
FISCAL YEARS 2022-23 THROUGH 2026-27**

Project Number	Stg No.	Project Title	Project Cost	Appropriation		Funding Sources (5-Year Total)			Total Not District Funded
			Total Remaining Cost	FY 2022-23	FY 2023-27	Tax Revenue	ADP Contribution	External Contribution	
DESIGN AND CONSTRUCTION PROJECTS:									
5-8-00080	01	MARSHALL CREEK	\$7,905,411	\$542,688	\$7,362,723	\$7,905,411	\$0	\$0	\$0
5-8-00201	50	BEAUMONT MDP LINE 16 (RCHRG BASIN)	5,179,647	5,179,647	0	1,790,322	0	3,389,325	0
PLANNING PROJECTS:									
5-6-10000	00	SMITH CREEK/PERSHING CREEK STUDY	250,000	0	250,000	250,000	0	0	0
5-8-00010	90	LITTLE SAN GORGONIO CRK POST FIRE	500,000	0	500,000	500,000	0	0	0
5-8-00020	93	NOBLE CREEK BOLLARD REM POST FIRE	750,000	0	750,000	750,000	0	0	0
5-8-00092	01	BANNING MDP LINE I AT RAMSEY	547,111	0	547,111	547,111	0	0	0
5-8-00150	04	WEST PERSHING CHANNEL	3,019,229	0	2,000,000	2,000,000	0	0	(1,019,229)
5-8-09027	01	EAST GILMAN HOME CH DEBRIS BASIN	2,902,389	0	100,000	100,000	0	0	(2,802,389)
5-8-09031	02	BEAUMONT MDP LINE 2 STG 2 & 2-A	2,140,544	0	740,544	740,544	0	0	(1,400,000)
DESIGN AND CONSTRUCTION PROJECTS			\$13,085,058	\$5,722,335	\$7,362,723	\$9,695,733	\$0	\$3,389,325	\$0
PLANNING PROJECTS			10,109,273	0	4,887,655	4,887,655	0	0	(5,221,618)
ZONE 5 DISTRICT LED PROJECTS TOTALS			\$23,194,331	\$5,722,335	\$12,250,378	\$14,583,388	\$0	\$3,389,325	(\$5,221,618)

FIVE YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2022:

Zone 5 Fund \$13,759,483
Total Fund Balance Forward \$13,759,483

REVENUE:

Taxes \$26,793,732
Interest 225,378
Rental 0
Subtotal Revenue 27,019,110
External Contribution 3,389,325
Total Five Year Revenue \$30,408,435
Total Funds Available \$44,167,918

APPROPRIATIONS:

District Led Projects Appropriations \$17,972,713
Partner Led Projects Appropriations 18,596,351
Capital Project Cost Inflation 535,153
Operating & Maintenance Expenses 6,284,253
Contingencies 487,576
Total Appropriations \$43,876,046

ENDING FUND BALANCE - JUNE 30, 2027:

Zone 5 Fund \$291,872
Total Ending Fund Balance \$291,872

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
PARTNER LED PROJECT SUMMARY - ZONE 5
FISCAL YEARS 2022-23 THROUGH 2026-27

Project Number	Stg No.	Project Title	Project Cost	Project Appropriation				Funding Sources		Total Not District Funded
			Total Remaining Cost	FY 2022-23		FY 2023-27		5-year total		
				District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	
PARTNER LED CONTRIBUTION PROJECTS										
5-6-10027	00	SAN GORGONIO IRWM CONTRIBUTION	\$140,000	\$0	\$28,987	\$0	\$111,013	\$140,000	\$0	\$0
PARTNER LED CAPITAL IMPROVEMENT PROJECTS										
5-8-00160	03	CALIMESA CHANNEL STG 3	7,356,200	67,642	7,288,558	0	0	7,356,200	0	0
5-8-00170	06	GILMAN HOME CHANNEL STG 6	2,849,176	100,000	100,000	102,590	2,546,586	2,849,176	0	0
5-8-00170	07	GILMAN HOME CHANNEL STG 7	1,752,542	100,000	100,000	89,192	1,463,350	1,752,542	0	0
5-8-00195	01	BEAUMONT MDP LINE 2 STG 1	6,498,433	0	715,910	98,523	5,684,000	6,498,433	0	0
PARTNER LED CONTRIBUTION PROJECTS			\$140,000	\$0	\$28,987	\$0	\$111,013	\$140,000	\$0	\$0
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			18,456,351	267,642	8,204,468	290,305	9,693,936	18,456,351	0	0
ZONE 5 PARTNER LED PROJECTS TOTALS			\$18,596,351	\$267,642	\$8,233,455	\$290,305	\$9,804,949	\$18,596,351	\$0	\$0

CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

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 was that once the burn area had healed over the subsequent few years, the District would restore the basins to their original condition. This District-led project 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 was that once the burn area had healed 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. This District-led project 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 2022-2023 budget (CIP Year One) but are included in Years Two through Five of the CIP.

CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

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 construct drainage facilities beginning at the intersection of Brookside Avenue and Cherry Avenue and extend 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 reinforced concrete box, trapezoidal channel, and rectangular channel of various dimensions. The primary objective of this project is to provide infrastructure that will enable 100-year flood protection to residents, property, and infrastructure adjacent to the project and provide improved flood protection to the intersection of Brookside and Cherry Avenues. This project is funded by the District.
5-8-00092*	01	DISTRICT (PLANNING)	BANNING MDP LINE I (AT RAMSEY) – This District-led project will construct a portion of the Banning MDP Line I system 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 may remove flood insurance requirements for several properties located within the Federal Emergency Management Agency (FEMA) mapped Zone A floodplain. The project consists of upgrading the existing culvert under Ramsey Street to 150 feet of double 9-foot-wide by 7-foot-high underground box and conveys runoff from Smith Creek to the existing culvert under Interstate 10. This project is funded by the District.
5-8-00150*	04	DISTRICT (PLANNING)	WEST PERSHING CHANNEL – 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 remove flood insurance requirements for several properties located within the Federal Emergency Management Agency (FEMA) mapped Zone A floodplain. The project consists of upgrading the existing culvert under Ramsey Street to 1,200 feet of double 9-foot-wide by 6-foot-high underground box and convey runoff from Pershing Channel to the existing culvert under Interstate 10. This project is funded by the District.

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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 be located within County Line Road and includes approximately 1,700 feet of storm drain collecting flows from Calimesa Creek near 5th Street, conveying them westerly toward Calimesa Boulevard. Phase 2 will construct a 53-acre detention basin near the southwest corner of 3rd Street and County Line Road. This basin will divert storm flows for attenuation from the existing Calimesa Channel entering from the east and will outlet back into the existing channel to the west. Phase 2 will construct a storm drain starting from the existing Calimesa Channel outlet located on 5th Street to connect into the Phase 1 storm drain on County Line Road. Phase 2 will also construct the outlet for the entire system from Phase 1 near the intersection of Calimesa Boulevard and County Line Road to an existing 78-inch diameter storm drain located 300 feet west of the intersection. This project is funded by the District.
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 is funding the cost to design and construct a concrete-lined open trapezoidal channel. Any excess costs to construct a reinforced concrete box through the school site will be funded by Banning Unified School District.

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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 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, south along Pennsylvania Avenue past Interstate 10 where the flows will then outlet into an existing developer constructed open channel located east of the intersection of First Street and Berkshire Avenue. The project will construct 4,800 feet of storm drain, which will provide flood protection to the surrounding community. This project is funded by the District.
5-8-00201	50	DISTRICT (DESIGN & CONST.)	BEAUMONT MDP LINE 16 – This is a District-led storm drain project featuring water conservation elements and is a joint project with Beaumont-Cherry Valley Water District (BCVWD). The project consists of 7,800 feet of pipe (54"-84") and recharge basin improvements. The primary objective of this project is to provide flood protection to residents near Grand Avenue in Cherry Valley and increase groundwater recharge within the project vicinity. Storm flows are generally collected in Bellflower Avenue, Winesap Avenue, Jonathan Avenue, Cherry Avenue, Nobel Street, and Grand Avenue and are safely conveyed westerly to an existing recharge basin owned and operated by BCVWD. Flows reaching the basins will help recharge the groundwater basin and become available for future pumping to meet the community's water needs. Project cost will be based on a 50/50 cost share between the District and BCVWD. The project is partially funded by the Proposition 84 Integrated Regional Water Management Grant equating to approximately \$1.2 million. The remaining construction costs will be split equally between BCVWD and the District.

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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. 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"-72" reinforced concrete pipe. This project is funded by the District.
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.
5-6-10027	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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