

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
DESIGN & CONSTRUCTION AND FIVE YEAR CIP PROJECT SUMMARY - ZONE 5
FISCAL YEARS 2018-19 THROUGH 2022-23**

Project Number	Stg No.	Project Title	Total Remaining Cost to Deliver Project	Budget Year 1 - FY 2018-19			CIP Years 2 through 5 - FY 2019-23				Total Post CIP Balance	Total Not District Funded	
				Project Appropriation	Project Specific Funding		Estimated Project Appropriation	Project Specific Funding					
					Tax Revenue	ADP Contribution		External Contrib	Tax Revenue	ADP Contribution			External Contrib
5-8-00160	03	CALIMESA CHANNEL STG 3	\$7,846,826	\$6,146,826	\$6,146,826	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,700,000)	
5-8-00170	06	GILMAN HOME CHANNEL STG 6	1,700,000	100,000	100,000	0	0	400,000	400,000	0	0	0	(1,200,000)
5-8-00177	01	BANNING MDP LINE H	2,634,162	2,634,162	2,634,162	0	0	0	0	0	0	0	0
5-8-00201	50	BEAUMONT MDP LINE 16 (RCHRG BASIN	5,166,764	217,887	217,887	0	0	4,948,876	2,122,757	0	2,826,119	0	0
5-8-00080	01	MARSHALL CREEK	5,131,941					5,131,941	5,131,941	0	0	0	0
5-8-00092	01	BANNING MDP LINE I	462,502					462,502	462,502	0	0	0	0
5-8-00150	02	BANNING MDP LINE K	2,348,435					2,348,435	2,348,435	0	0	0	0
5-8-09027	01	EAST GILMAN HOME CH DEBRIS BASIN	1,730,603					1,730,603	1,730,603	0	0	0	0
5-8-09028	01	BEAUMONT MDP LINE 2 & 2-A	5,168,779					5,168,779	5,168,779	0	0	0	0
ZONE 5 TOTALS			\$32,190,012	\$9,098,875	\$9,098,875	\$0	\$0	\$20,191,136	\$17,365,017	\$0	\$2,826,119	\$0	(\$2,900,000)

FIVE YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2018:

Zone 5 Fund \$13,906,210
Total Fund Balance Forward \$13,906,210

REVENUE:

Taxes \$20,714,422
Interest 530,812
Rental 0
Subtotal Revenue 21,245,234
External Contribution 2,826,119
Total Five Year Revenue \$24,071,353
Total Funds Available \$37,977,564

APPROPRIATIONS:

D&C Capital Projects Expense \$29,784,192
Capital Project Cost Inflation @ 2.4% 714,821
Uncategorized//Other Contributions 1,985,000
Operating Expenses 4,631,096
Contingencies 395,399
Total Appropriations \$37,510,508

ENDING FUND BALANCE - JUNE 30, 2023:

Zone 5 Fund \$467,056
Total Ending Fund Balance \$467,056

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
OPERATIONS & MAINTENANCE BUDGET AND FIVE YEAR CIP PROJECT SUMMARY - ZONE 5
FISCAL YEARS 2018-19 THROUGH 2022-23**

Project Number	Stg No.	Project Title	Budget Year 1 - FY 2018-19			CIP Years 2 through 5 - FY 2019-23		
			Project Appropriation	Project Specific Funding		Estimated Project Appropriation	Project Specific Funding	
				Tax Revenue	External Contrib		Tax Revenue	External Contrib
O&M MAINTENANCE (NON-CAPITAL PROJ) BUDGET - FY 2018-19:								
5-6-00000	00	ZONE 5 MAINTENANCE	\$629,000	\$629,000	\$0	\$2,516,000	\$2,516,000	\$0
UNCATEGORIZED /OTHER CONTRIBUTIONS:								
5-6-10020	00	HYDROGEO TECHNICAL ANALYSIS	100,000	100,000		0	0	0
5-6-10027	00	SAN GORGONIO IRWM	27,000	27,000		108,000	108,000	0
5-6-10000	00	SMITH CREEK/PERSHING CREEK STUDY				250,000	250,000	0
5-6-10021	00	MISC WATERSHED PROTECTION PROJECTS				1,500,000	1,500,000	0
MAINT (NON-CAPITAL PROJ) BUDGET SUBTOTALS			\$629,000	\$629,000	\$0	\$2,516,000	\$2,516,000	\$0
UNCATEGORIZED /OTHER CONTRIBUTIONS			127,000	127,000	0	1,858,000	1,858,000	0
ZONE 5 TOTALS			\$756,000	\$756,000	\$0	\$4,374,000	\$4,374,000	\$0

PROJECT NOTES FY 2018-2019

DESIGN & CONSTRUCTION/CIP PROJECTS

PROJ. NO.	STG.	DESCRIPTION
5-8-00080*	01	MARSHALL CREEK – District led project to reduce flooding at the intersection of Cherry Avenue and Brookside Avenue. The project consists of an underground storm drain (12-foot wide by 8-foot high reinforced concrete box) along Brookside Avenue and Sunnyslope Avenue and a segment of open channel from Sunnyslope Avenue to the existing City of Beaumont owned channel in the vicinity of Shane Lane. The project is funded by the District.
5-8-00092*	01	BANNING MDP LINE I – 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 FEMA mapped Zone A floodplain. The project consists of upgrading the existing culvert under Ramsey Street to a double 9-foot wide by 7-foot high underground box and convey runoff from Smith Creek to the existing culvert under Interstate 10. The project is funded by the District.
5-8-00150*	02	BANNING MDP LINE K – 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 FEMA mapped Zone A floodplain. The project consists of upgrading the existing culvert under Ramsey Street to a double 9-foot wide by 6-foot high underground box and convey runoff from Pershing Channel to the existing culvert under Interstate 10. The project is funded by the District.
5-8-00160	03	CALIMESA CHANNEL – City of Calimesa led project to provide flood protection and reduce erosion along Calimesa Creek and adjacent public facilities. The project consists of an underground storm drain in County Line Road that will collect flows from the improved section of channel from 5 th Street and convey it to the natural wash at 7 th Place, just west of Interstate 10. The project also proposes a detention basin near 3 rd Street along the existing portion of Calimesa Channel. The City's overall project will also provide water quality enhancement benefits and recreational opportunities.

The City is funding, both with City funds and an EPA grant, the design and regulatory permitting, and a portion of the right of way acquisition. The District has budgeted \$565,000 toward the right of way acquisition

PROJECT NOTES FY 2018-2019

DESIGN & CONSTRUCTION/CIP PROJECTS

PROJ. NO.	STG.	DESCRIPTION
		for the basin site, and up to \$5,350,000 toward the City's construction of the project.
5-8-00170	06	GILMAN HOME CHANNEL – The westerly portion of the Banning High School is located within a natural low that has been designated by FEMA as a 100-year floodplain. The Banning School District reports that facilities within the high school are regularly impacted by flooding in this area, and proposes to extend the existing Gilman Home Channel storm drain approximately 950 feet to the south to provide protection to these school facilities. The Banning School District has estimated the total project cost at \$1,600,000 based on some conceptual drawings, and has requested District participation and funding toward this project. The District intends to work with the Banning School District to refine those plans and make sure that their proposed improvements will be cost effective and durable. District has earmarked partial funding toward this project presuming significant financial participation from the Banning School District.
5-8-00177	01	BANNING MDP LINE H – This is a District led project that will reduce flooding along Hathaway Street between Barbour Street and Wesley Street. It will collect flows in Hathaway Street beginning at Barbour Street and convey them south in an underground storm drain within Hathaway Street, then east along Wesley Street until it discharges into Smith Creek. This project is funded by the District.
5-8-00201	50	BEAUMONT MDP LINE 16, RECHARGE BASIN (AKA RECHARGE BASIN FEEDER) – District is leading this project in partnership with Beaumont Cherry Valley Water District (BCVWD) to design and construct an underground storm drain that will collect stormwater flows and deliver that water to BCVWD's existing recharge ponds. The project is funded by the District, BCVWD, and state grant money, and will be located along Grand Avenue, westerly from Winesap Avenue to the existing recharge ponds east of Beaumont High School.
5-8-09027*	01	EAST GILMAN HOME CHANNEL DEBRIS BASIN – District led project to capture debris upstream of the existing Gilman Home Channel Lateral A. The project is located northwest of the intersection of Gilman Street and Friar Drive and will be sized to capture a debris volume of 18.7 acre-ft. The project may also provide opportunities for groundwater recharge and water quality enhancement benefits. The project is funded by the District.

PROJECT NOTES FY 2018-2019

DESIGN & CONSTRUCTION/CIP PROJECTS

PROJ. NO.	STG.	DESCRIPTION
5-8-09028*	01	BEAUMONT MDP LINES 2 AND 2-A – This project would provide flood protection to Palm Elementary School in the city of Beaumont and to residences in the school vicinity. The budget would allow for construction of an underground storm drain that would collect runoff near the intersection of 8 th Street and Maple Lane and convey it to the natural wash south of Interstate 10 near Pennsylvania Avenue and 1 st Street.

* Projects with an asterisk following the Project Number are not included in the FY 2018-2019 budget (CIP Year One), but are included in Years Two through Five of the CIP.

PROJECT NOTES FY 2018-2019

OPERATIONS & MAINTENANCE (NON-CAPITAL PROJECTS)

PROJ. NO.	STG.	DESCRIPTION
5-6-00000	00	GENERAL ZONE 5 MAINTENANCE – Annual maintenance of all Zone 5 projects, except major restoration or reconstruction.

PROJECT NOTES FY 2018-2019

UNCATEGORIZED/OTHER CONTRIBUTIONS

PROJ. NO.	STG.	DESCRIPTION
5-6-10000	00	SMITH CREEK/PERSHING CREEK PROJECTS – 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.
5-6-10020	00	HYDROGEOTECHNICAL ANALYSIS – Resources allocated to hire geotechnical engineers to test existing District facilities for groundwater recharge potential.
5-6-10021	00	MISCELLANEOUS WATERSHED PROTECTION PROJECTS – Resources allocated to the identification and development of potential partnerships for future multi-benefit projects addressing flood hazard reduction, water conservation, water quality and/or other water resource needs.
5-6-10027	00	SAN GORGONIO IRWM – The project will include activities to support close coordination with project proponents, the District, Regional Water Management Group (RWMG) Members, and additional stakeholders. Cost includes project management of the San Gorgonio IRWM Plan Program, including monthly progress reports, research, preparation, meeting materials (agenda, presentation, sign-in sheet, meeting notes), and meeting facilitation with RWMG key stakeholders and California Department of Water Resources.