

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
DESIGN & CONSTRUCTION AND FIVE YEAR CIP PROJECT SUMMARY - ZONE 5
FISCAL YEARS 2017-18 THROUGH 2021-22**

Project Number	Stg No.	Project Title	Total Remaining Cost to Deliver Project	Budget Year 1 - FY 2017-18			CIP Years 2 through 5 - FY 2018-22				Total Post CIP Balance	Total Unfunded Project Cost	
				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	\$6,400,000	\$3,200,000	\$3,200,000	\$0	\$0	\$0	\$0	\$0	\$0	(\$3,200,000)	
5-8-00169	01	BANNING MDP LINE D-2	1,464,569	1,464,570	1,464,570	0	0	0	0	0	0	0	
5-8-00177	01	BANNING MDP LINE H	3,267,335	2,404,285	2,404,285	0	0	863,050	863,050	0	0	0	
5-8-00201	01	BEAUMONT MDP LINE 16 (RCHRG BASIN	5,363,074	10,761	10,761	0	0	5,352,312	2,701,812	0	2,650,500	0	
5-8-00080	01	MARSHALL CREEK	4,712,553					4,712,553	4,712,553	0	0	0	
5-8-00092	01	BANNING MDP LINE I	741,913					741,913	741,913	0	0	0	
5-8-00150	02	BANNING MDP LINE K	1,998,005					400,000	400,000	0	0	(1,598,005)	
5-8-09027	01	EAST GILMAN HOME CH DEBRIS BASIN	1,534,055					1,534,055	1,534,055	0	0	0	
5-8-09028	01	BEAUMONT MDP LINE 2 & 2-A	4,705,285					4,705,285	4,705,285	0	0	0	
ZONE 5 TOTALS			\$30,186,789	\$7,079,616	\$7,079,616	\$0	\$0	\$18,309,168	\$15,658,668	\$0	\$2,650,500	\$0	(\$4,798,005)

FIVE YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2017:

Zone 5 Fund \$12,748,656
Total Fund Balance Forward \$12,748,656

REVENUE:

Taxes \$19,440,265
Interest 392,216
Rental 0
Subtotal Revenue 19,832,481
External Contribution 2,650,500
Total Five Year Revenue \$22,482,981
Total Funds Available \$35,231,638

APPROPRIATIONS:

D&C Capital Projects Expense \$26,215,770
Capital Project Cost Inflation @ 2.8% 734,042
Uncategorized//Other Contributions 1,850,000
Operating Expenses 4,465,821
Contingencies 370,000
Total Appropriations \$33,635,632

ENDING FUND BALANCE - JUNE 30, 2022:

Zone 5 Fund \$1,596,005
Total Ending Fund Balance \$1,596,005

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
OPERATIONS & MAINTENANCE BUDGET AND FIVE YEAR CIP PROJECT SUMMARY - ZONE 5
FISCAL YEARS 2017-18 THROUGH 2021-22**

Project Number	Stg No.	Project Title	Budget Year 1 - FY 2017-18			CIP Years 2 through 5 - FY 2018-22		
			Project Appropriation	Project Specific Funding		Estimated Project Appropriation	Project Specific Funding	
				Tax Revenue	Outside Revenue		Tax Revenue	Outside Revenue
O&M MAINTENANCE (NON-CAPITAL PROJ) BUDGET - FY 2017-18:								
5-6-00000	00	ZONE 5 MAINTENANCE	\$325,580	\$325,580	\$0	\$1,290,320	\$1,290,320	\$0
UNCATEGORIZED /OTHER CONTRIBUTIONS:								
5-6-10020	00	HYDROGEOTECHNICAL ANALYSIS	100,000	100,000	0	0	0	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			\$325,580	\$325,580	\$0	\$1,290,320	\$1,290,320	\$0
UNCATEGORIZED /OTHER CONTRIBUTIONS			100,000	100,000	0	1,750,000	1,750,000	0
ZONE 5 TOTALS			\$425,580	\$425,580	\$0	\$3,040,320	\$3,040,320	\$0

PROJECT NOTES FY 2017-2018

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 fully 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 fully 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 partially funded by the District in the 5-year CIP.
5-8-00160	03	CALIMESA CHANNEL – City of Calimesa design-build 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 flow 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 City's overall project will also provide water quality enhancement benefits and recreational opportunities. The District is funding 50% of the \$6.4 million cost to deliver the project. The City secured a \$900,000 U.S. EPA grant for preliminary engineering and environmental work.
5-8-00169	01	BANNING MDP LINE D-2 – This District lead project is constructing over one mile of underground storm drain that will help collect the runoff from the local streets and reduce flooding at the intersection of

PROJECT NOTES FY 2017-2018

DESIGN & CONSTRUCTION/CIP PROJECTS

PROJ. NO.	STG.	DESCRIPTION
		Ramsey and Hargrave Streets. The system collects water west of the intersection of Hargrave Street and Indian School Lane and conveys it in an underground storm drain southerly along Hargrave Street collecting more surface runoff until it discharges into the existing Ramsey Street storm drain. The storm drain project is fully funded by the District, with a required 8-inch waterline relocation being funded by the City of Banning.
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 partially 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 fully funded by the District.
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 2017-2018 budget (CIP Year One), but are included in Years Two through Five of the CIP.

PROJECT NOTES FY 2017-2018

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 2017-2018

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 the I-10. The project also includes cooperative funding of construction costs for identified stormwater recharge facilities.
5-6-10020	00	HYDROGEO TECHNICAL 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.