

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
DISTRICT LED PROJECT SUMMARY - ZONE 2
FISCAL YEARS 2022-23 THROUGH 2026-27**

Project Number	Stg No.	Project Title	Project Cost	Appropriations		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									
2-8-00110	90	EL CERRITO CHANNEL RESTORATION	\$2,469,112	\$2,469,112	\$0	\$2,469,112	\$0	\$0	\$0
2-8-00140	11	NORTH NORCO CHANNEL	11,252,825	11,061,628	191,197	11,042,825	0	210,000	0
2-8-00144	01	NORTH NORCO CHANNEL LINE N-2	3,388,021	517,673	2,870,348	3,388,021	0	0	0
2-8-00145	03	NORTH NORCO CHANNEL - LINE NB	1,715,252	1,715,252	0	1,665,252	0	50,000	0
2-8-00180	03	MOCKINGBIRD CYN STABILIZATION	28,214,833	1,668,486	26,546,347	27,075,791	1,139,042	0	0
2-8-00253	01	BEDFORD CANYON CHANNEL	11,839,868	625,466	11,214,402	11,089,868	0	750,000	0
2-8-00406	01	WOODCREST RINEHART ACRES DRAINAGE PLAN IMP	4,680,645	2,340,706	2,339,939	4,680,645	0	0	0
PLANNING PROJECTS									
2-6-10000	00	FLOOD CONTROL BASIN RETROFIT STUDY	350,000	0	350,000	350,000	0	0	0
2-8-00052	01	TEMESCAL CREEK FLOOD PLAIN AQ	20,000,000	1,200,000	4,000,000	5,200,000	0	0	(14,800,000)
2-8-09058	00	LAKE MATHEWS ESTATES WATER QUALITY POND	6,280,740	0	6,280,740	6,280,740	0	0	0
2-8-09065	00	CAJALCO ROAD SD (LAKE MATTHEWS)	2,657,850	0	2,657,850	2,657,850	0	0	0
DESIGN AND CONSTRUCTION PROJECTS			\$63,560,556	\$20,398,323	\$43,162,233	\$61,411,514	\$1,139,042	\$1,010,000	\$0
PLANNING PROJECTS			29,288,590	1,200,000	13,288,590	14,488,590	0	0	(14,800,000)
ZONE 2 DISTRICT LED PROJECTS TOTAL			\$92,849,146	\$21,598,323	\$56,450,823	\$75,900,104	\$1,139,042	\$1,010,000	(\$14,800,000)

FIVE YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2022:

Zone 2 Fund	\$90,104,314
ADP Sub Fund	1,142,712
Total Fund Balance Forward	\$91,247,026

REVENUE:

Taxes	\$102,176,461
Interest	383,802
ADP Fees	1,500
Rental	1,500
Subtotal Revenue	102,563,263
External Contribution	1,010,000
Total Five Year Revenue	\$103,573,263
TOTAL FUNDS AVAILABLE	\$194,820,289

FIVE YEAR APPROPRIATIONS:

District Led Projects Appropriations	\$78,049,146
Partner Led Projects Appropriations	87,898,359
Misc Watershed Protection Projects	500,000
Capital Project Cost Inflation	2,275,203
Operating & Maintenance Expenses	23,479,910
Contingencies	1,994,657
ADP Refund - Lake Mathews ADP to MWD	5,000
Subtotal Appropriations	\$194,202,275

ENDING FUND BALANCE - JUNE 30, 2027:

Zone 2 Fund	\$617,844
ADP Sub Fund	170
Total Ending Fund Balance	\$618,014

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
PARTNER LED PROJECT SUMMARY - ZONE 2
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											
2-6-10005	50	RECLAIMED WATER PIPELINE - WRCRWA BLUFF ST	\$4,527,364	\$118,219	\$1,500,000	\$0	\$2,431,781	\$4,050,000	\$0	(\$477,364)	
2-6-10018	50	JCSD RECYCLED WATER DISTRIBUTION SYSTEM	31,700,000	0	1,500,000	0	14,350,000	15,850,000	0	(15,850,000)	
2-6-10027	00	NORCO MDP LINE N-4 EXTENSION	873,400	0	70,000	23,400	780,000	873,400	0	0	
2-6-10032	00	CORONA - EAST GRAND BLVD STORM DRAIN	1,931,000	10,000	170,000	51,000	1,700,000	1,931,000	0	0	
2-6-10034	00	NORCO LATERAL N-1G	308,100	0	15,000	8,100	285,000	308,100	0	0	
2-6-10035	00	NORCO LATERAL NA-8	514,100	0	15,000	14,100	485,000	514,100	0	0	
2-6-10036	00	NORCO LATERAL SA-3	308,250	0	12,500	8,250	287,500	308,250	0	0	
2-6-10037	00	NORCO MDP LATERAL N-5	961,738	25,010	0	0	833,676	858,686	0	(103,052)	
2-6-10039	00	PARTNER PROJECT SUPPORT	500,000	0	250,000	0	250,000	500,000	0	0	
2-6-10040	00	EASTVALE ALTERNATIVE DRAINAGE & WATER QUALITY	150,000	0	150,000	0	0	150,000	0	0	
2-6-10003	50	RECLAIMED WATER PIPELINE - OLD TEMESCAL ROAD	500,000	0	0	0	250,000	250,000	0	(250,000)	
2-6-10029	50	BUTTERFIELD DR RECL WATER FLOW CONTR STATION	2,593,648	0	0	68,100	2,270,000	2,338,100	0	(255,548)	
2-6-10031	00	CORONA - SOUTH JOY ST STORM DRAIN	1,395,696	0	0	39,000	1,300,000	1,339,000	0	(56,696)	
2-6-10033	00	CORONA SOUTH MAIN STREET STORM DRAIN	3,915,000	0	0	105,000	3,810,000	3,915,000	0	0	
2-6-10038	00	NORCO SUBSTATION ROAD STORM DRAIN	1,227,000	0	0	27,000	1,200,000	1,227,000	0	0	
2-6-10041	00	NORCO LATERAL NB-4	308,250	0	0	8,250	300,000	308,250	0	0	
2-6-10042	00	VAN BUREN SEWER IMPROVEMENT PROJECT	13,600,000	0	0	0	6,256,000	6,256,000	0	(7,344,000)	
2-6-10043	00	NORCO TOWN & COUNTRY DRIVE STORM DRAIN	650,000	0	0	0	650,000	650,000	0	0	
2-6-10044	00	NORCO MINOR SD IMPR PARKRIDGE AVE & NORTH DR	250,000	0	0	0	250,000	250,000	0	0	
PARTNER LED CAPITAL IMPROVEMENT PROJECTS											
2-8-00086	01	NORCO MDP LINE N-3, STAGE 1	1,744,505	26,802	1,624,865	0	92,838	1,744,505	0	0	
2-8-00087	01	NORCO - FIFTH STREET STORM DRAIN	1,431,746	0	187,634	36,236	1,207,876	1,431,746	0	0	
2-8-00105	00	SANTA ANA RIVER - BELOW PRADO	11,765,766	1,465,766	0	0	10,300,000	11,765,766	0	0	
2-8-00150	02	SOUTH NORCO CHANNEL STAGE 2	11,727,011	1,151,334	1,050,000	28,693	9,444,125	11,674,152	0	(52,859)	
2-8-00164	01	NORCO MDP LINE S-2	890,541	33,503	857,038	0	0	890,541	0	0	
2-8-00235	01	CORONA DRAINS LINE 9A	3,825,694	0	300,000	115,694	3,410,000	3,825,694	0	0	
2-8-00060	02	NORTH MAIN STREET CHANNEL	3,793,022	0	0	251,931	3,541,091	3,793,022	0	0	
2-8-00208	01	CORONA-SOUTH VICTORIA AVE STORM DRAIN	1,504,648	0	0	84,648	1,420,000	1,504,648	0	0	
2-8-00280	01	CORONA MDP LINE 5 STAGE 1	3,752,848	0	0	242,848	3,510,000	3,752,848	0	0	
2-8-00304	60	EASTVALE MDP LINE D (WTR QUALITY ENHNCMNT)	1,064,756	0	0	232,915	831,841	1,064,756	0	0	
2-8-00310	60	EASTVALE MDP LINE E (WTR QUALITY ENHNCMNT)	523,795	0	0	114,580	409,215	523,795	0	0	
2-8-09086	00	NORCO LATERAL S-1B EXTENSION	320,000	0	0	0	320,000	320,000	0	0	
2-8-09087	00	FIRST STREET STORM DRAIN	400,000	0	0	0	400,000	400,000	0	0	
2-8-09088	00	NORCO ELEMENTARY STORM DRAIN	560,000	0	0	0	560,000	560,000	0	0	
2-8-09089	00	NORCO CITATION DRIVE STORM DRAIN	150,000	0	0	0	150,000	150,000	0	0	
2-8-09090	00	NORCO LATERAL S-1C EXTENSION	500,000	0	0	0	500,000	500,000	0	0	
2-8-09091	00	NORCO LATERAL S-5E	520,000	0	0	0	520,000	520,000	0	0	
2-8-09104	00	WEST NORCO CHANNEL EXT	1,600,000	0	0	0	1,600,000	1,600,000	0	0	
PARTNER LED CONTRIBUTION PROJECTS			\$66,213,546	\$153,229	\$3,682,500	\$352,200	\$37,688,957	\$41,876,886	\$0	(\$24,336,660)	
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			46,074,332	2,677,405	4,019,537	1,107,545	38,216,986	46,021,473	0	(52,859)	
ZONE 2 PARTNER LED PROJECTS TOTAL			\$112,287,878	\$2,830,634	\$7,702,037	\$1,459,745	\$75,905,943	\$87,898,359	\$0	(\$24,389,519)	

CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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. 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" to 66". 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. This project is funded by the District.
2-8-00087	01	CITY OF NORCO	NORCO - FIFTH STREET STORM DRAIN – This is a City of Norco-led project to install approximately 2,700 feet of 42" to 48" reinforced 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. This project is funded by the District.

* 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
2-8-00105	00	US ARMY CORPS OF ENGINEERS (CORPS)	<p>SANTA ANA RIVER - BELOW PRADO – The District is in support of the U.S. Army Corps of Engineers (Corps) Santa Ana River Mainstem project for streambank improvements necessary due to the planned capacity improvements to Prado Dam. Construction of Reach 9, Phases 2A and 2B of the Below Prado project 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 BNSF project.</p> <p>The project is cost shared via Local Cooperative Agreement between the Corps, Riverside County, Orange County, and San Bernardino County. Additional funding is expected from Riverside County Transportation Commission (reimbursement for portions of Phase 2B utility relocations) per a 2011 agreement. This project is partially funded by the District with a \$10.3 million contribution. District costs are related to right of way acquisition and utility relocation for the BNSF Bridge Protection project.</p>
2-8-00110	90	DISTRICT (DESIGN & CONST.)	<p>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. This project is funded by the District.</p>

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

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. This project is funded by the District less a \$210,000 external contribution from 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 travelers and businesses along Sixth Street. 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
2-8-00145	03	DISTRICT (DESIGN & CONST.)	NORTH NORCO CHANNEL LINE NB – This is a District-led project to replace approximately 1,800 feet of existing interim earthen channel with an open concrete trapezoidal and rectangular channel that will provide 100-year flood protection to the community near the channel between Valley View Avenue and Sierra Avenue. The project will collect flows from the existing improved portion of Line NB upstream (east) of Valley View Avenue and convey them westerly in an upgraded channel until they are discharged into the existing North Norco Channel on the east side of Interstate 15. The project includes installation of a permeable paver lined invert at the downstream end of the project to promote infiltration of low flows. This project is funded by the District less a \$50,000 external contribution from the City of Norco for waterline relocation.
2-8-00150	02	CITY OF NORCO	SOUTH NORCO CHANNEL – This City of Norco (City)-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 Avenue. 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 City will lead all aspects of the project with District funding.
2-8-00164	01	CITY OF NORCO	NORCO MDP LINE S-2 – This City of Norco (City)-led project to provide flood protection to properties along Second Street. The project consists of 30" to 48" reinforced concrete pipe from east of Temescal Avenue and conveys flows to the existing South Norco Channel, west of Corona Avenue. The City will lead all aspects of the project with District funding.

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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 project begins at the Pennington Place bridge crossing and traverses parallel to Mockingbird Canyon Road to Van Buren Boulevard where the project ends. The drainage improvements are anticipated to consist of soil cement/rock-armoring bank protection and grade control structures. The project also includes an all-weather crossing at Greenview Drive and will replace the existing Pennington Place bridge. Multi-use opportunities such as a trail system are being explored. This project is funded by the District with an Area Drainage Plan contribution.
2-8-00208*	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" diameter reinforced concrete pipe proposed to collect and convey runoff from Seventh Street toward an existing culvert crossing the 91 Freeway. This project is funded by the District.
2-8-00235	01	CITY OF CORONA	CORONA DRAINS LINE 9A – This is a City of Corona-led project to reduce flooding within Victoria Avenue. The project consists of approximately 1,900 feet of 36" diameter reinforced concrete pipe proposed to collect and convey runoff from Seventh Street toward an existing culvert crossing the 91 Freeway. 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
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 that reduces erosion and sediment generated in the wash. Additionally, the project will aim to accommodate space for the Butterfield Overland Trail project. This project is funded by a cost share between the District and a \$750,000 external contribution from the Riverside County Transportation Commission.
2-8-00280*	01	CITY OF CORONA	CORONA MDP LINE 5 – This City of Corona (City)-led project consists of a 2,400-foot underground storm drain ranging in pipe diameter from 30" to 54". The storm drain proposes to collect runoff on Sherman Avenue, south of Railroad Street, and extend westerly in Railroad Street to Smith Avenue and discharge into an existing City-owned storm drain. This project will provide flood protection to businesses along Railroad Street and Sherman Avenue. This project is funded by the District.
2-8-00304*	60	JURUPA COMMUNITY SERVICE 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" to 30") and various appurtenant features. The District intends to fund the entire design and construction of the project.

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

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 the Jurupa Community Services District (JCSD) to divert dry weather flows from an existing District storm drain, Eastvale MDP 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" to 24") and various appurtenant features. The District intends to fund the entire design and construction of the project.
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 street improvements and 6,950 feet of a reinforced concrete pipe storm drain system ranging in diameter from 18" to 66" 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. 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 and retain the water to pump it into the irrigation system of the proposed golf course adjacent to the project site. 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
2-8-09065*	00	DISTRICT (PLANNING)	CAJALCO ROAD STORM DRAIN (LAKE MATHEWS) – This is a District-led project to reduce street and community flooding near Cajalco Road in the Lake Mathews area. The project consists of an upstream sediment basin as part of the Metropolitan Water District Lake Mathews Water Quality Master Plan and 615 feet of 72" diameter reinforced concrete pipe conveying water from the basin at the southern border of the Whaley property to the north across Cajalco Road and discharging to the natural waterway. This project is funded by the District.
2-8-09086*	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" diameter storm drain pipe within Golden West Lane to collect flows from the south end of the street and convey it north to an existing storm drain Line S-1. This project is funded by the District.
2-8-09087*	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" diameter storm drain to collect flows within First Street and convey it west into an existing Interstate 15 Caltrans culvert. This project is funded by the District.
2-8-09088*	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" to 36" storm drain pipe to collect flows along Temescal Avenue and Norco Elementary School and convey them to South Norco Channel Line SA. This project is funded by the District.
2-8-09089*	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" 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. This project is funded by the District.

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PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-09090*	00	CITY OF NORCO	NORCO LATERAL S-1C EXTENSION – This is a City of Norco-led project to place 1,300 feet of 30" 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. This project is funded by the District.
2-8-09091*	00	CITY OF NORCO	NORCO LATERAL S-5E – This is a City of Norco (City)-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" to 36" 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 1,100 feet of 24" to 36" diameter reinforced concrete pipe within Hillside Avenue to collect flows and convey them southerly to Norco Master Drainage Plan Line S-1. This project is funded by the District.
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" corrugated metal pipe upstream. This project will remove properties from a Federal Emergency Management Agency (FEMA) mapped floodplain. This project is funded by the District.
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.

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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. This project is funded by a 50/50 cost share between the City of Corona and the District, each contributing \$250,000.
2-6-10005	50	CITY OF CORONA	RECLAIMED WATER PIPELINE - WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY (WRCRWA) BLUFF STREET – This is a City of Corona (City)-led project to improve the City's reclaimed water network. This project includes the construction of 5,100 feet of reclaimed water pipeline system to be constructed between the WRCRWA Wastewater Treatment Plant and an existing 20" reclaimed water pipeline located in River Road at Bluff Street. The project will, as part of the larger system, help reduce use of imported water, conserve the local groundwater supply, and stabilize the Temescal Groundwater Basin. The District has executed a funding agreement with the City of Corona and will contribute \$3.2 million of the actual project construction costs.
2-6-10018	50	JURUPA COMMUNITY SERVICES DISTRICT (JCSD)	JURUPA COMMUNITY SERVICES DISTRICT (JCSD) RECYCLED WATER DISTRIBUTION – This is a JCSD-led project for a regional solution to enhance reclaimed water use and distribution with approximately 31,600 feet of 24" pipe throughout Eastvale. The reclaimed water will be used in Eastvale and within JCSD service areas. 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.

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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" to 36" in diameter. Project will collect water along Valley View Avenue and 4th Street to convey it westerly toward Interstate 15 and will outlet into the existing North Norco Channel. This project will reduce street and community flooding along 4th Street and Valley View Avenue. 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" flow control station pipe to connect the existing 20" reclaimed waterline at Butterfield Drive to the existing 24" 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 (HDPE) to slip line approximately 4,000 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. This project is funded by the District.
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" 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. 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" 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. 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
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. This project is funded by District.
2-6-10034	00	CITY OF NORCO	NORCO LATERAL N-1G – This is a City of Norco-led project to reduce street flooding on California Avenue. The proposed underground storm drain would consist of approximately 600 feet of 24" maximum diameter pipe collecting flows and conveying them from north to south within California Avenue and outlet into the existing Line N-1 storm drain located within 7th Street. This project is funded by the District.
2-6-10035	00	CITY OF NORCO	NORCO LATERAL NA-8 – This is a City of Norco (City)-led project to reduce street flooding on Pedley Avenue. The proposed underground storm drain consists of approximately 1,100 feet of 36" maximum diameter pipe that will convey flows within Pedley Avenue south to the existing Norco MDP Line NA within 6 th Street. The City will lead all aspects of the project and will assume responsibility for operation and maintenance following construction. This project is funded by the District.
2-6-10036	00	CITY OF NORCO	NORCO LATERAL SA-3 – This is a City of Norco (City)-led project to reduce street flooding on Hillside Avenue. The proposed underground storm drain consists of approximately 450 feet of 30" maximum diameter pipe that will convey flows north within Hillside Avenue, starting from the intersection of First Street and Hillside Avenue, and discharging into the existing South Norco Channel Line SA. The City will lead all aspects of the project and will assume responsibility for operation and maintenance following construction. 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
2-6-10037	00	CITY OF NORCO	NORCO MDP LATERAL N-5 – This City of Norco-led project will construct a master planned storm drain to provide flood protection to residences along Valley View Avenue. The project consists of approximately 2,600 feet of 30" to 42" diameter underground storm drain. The project will collect runoff along Valley View Avenue and convey it to the existing North Norco Channel at Third Street, west of Interstate 15. This project is funded by the District.
2-6-10038*	00	CITY OF NORCO	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 it northwesterly into the Santa Ana River. This project is funded by the District.
2-6-10039	00	VARIOUS PARTNERS	PARTNER PROJECT SUPPORT – Funding to support partner projects that address flood control and water conservation needs and that may arise as part of the Unincorporated Communities Initiative (UCI) or similar efforts. The UCI promotes development of unincorporated portions of the County through a coordinated infrastructure delivery approach among local agencies. The District's goals are to reserve funding that can be used to fund UCI type projects that can accelerate benefits to local communities and leverage partnerships with other agencies including the Transportation and Land Management Agency, Water Districts, and local Cities.

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10040	00	CITY OF EASTVALE	EASTVALE ALTERNATIVE DRAINAGE AND WATER QUALITY MASTER PLAN – This is a City of Eastvale (City)-led project to conduct a feasibility study to identify and retrofit existing surface BMPs from private land to be repurposed for potential multi-use/public benefits for the City. Some of the potential solutions for these relocations are alternate/underground drainage detention, retention, infiltration, and water quality improvement facilities. The study will also evaluate ways to address the water quality issue of pollutants discharged to the Santa Ana River during the dry season. This project is funded by the District.
2-6-10041*	00	CITY OF NORCO	NORCO LATERAL NB - 4 – This is a City of Norco (City)-led project to reduce street and community flooding along Valley View Avenue south of Norco Line NB. This proposed underground storm drain consists of approximately 450 feet of 30" maximum diameter pipe which will convey flows within Valley View Avenue starting from its intersection with Arroyo Lane and north to the existing Norco Line NB. The City will lead all aspects of the project and will assume responsibility for operation and maintenance following construction. This project is funded by the District.
2-6-10042*	00	COUNTY ECONOMIC DEVELOPMENT AGENCY	VAN BUREN SEWER IMPROVEMENT PROJECT – This is a joint project between the Riverside County Office of Economic Development and the City of Riverside Public Utilities Department-led project to extend the existing City of Riverside 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. This project is funded as a cost share with the City of Riverside Public Utilities Department and a contribution from the District.

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CIP PROJECTS FY 2022-23 THROUGH FY 2026-27

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10043*	00	CITY OF NORCO	<p>NORCO TOWN & COUNTRY DRIVE STORM DRAIN – The City of Norco-led storm drain project consists of approximately 1,500 feet of 30" 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. This project is funded by the District.</p>
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" RCP storm drain to an existing catch basin in California Avenue. Also proposed is an alternate design utilizing 18" RCP storm drain and an under-sidewalk drain to convey runoff onto North Drive. This project is funded by the District.</p>

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