

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
DISTRICT LED PROJECT SUMMARY - ZONE 2
FISCAL YEARS 2024-25 THROUGH 2028-29**

Project Number	Stg No.	Project Title	Project Cost	Appropriations		Funding Sources (5-Year Total)			Total NOT
			Total Remaining Cost	FY 2024-25	FY 2026-29	Tax Revenue	ADP Contribution	External Contribution	District Funded
DESIGN & CONSTRUCTION PROJECTS									
2-8-00110	90	EL CERRITO CHANNEL RESTORATION	\$1,106,816	\$1,106,816	\$0	\$1,106,816	\$0	\$0	\$0
2-8-00140	11	NORTH NORCO CHANNEL	3,103,102	3,103,102	0	3,103,102	0	0	0
2-8-00144	01	NORTH NORCO CHANNEL - LINE N-2	5,199,295	60,000	5,139,295	5,199,295	0	0	0
2-8-00180	03	MOCKINGBIRD CYN STABILIZATION	46,363,499	1,986,137	32,720,638	33,522,490	1,184,285	0	(11,656,724) ¹
2-8-00253	01	BEDFORD CANYON CHANNEL	10,143,309	3,795,254	6,348,055	10,143,309	0	0	0
2-8-00406	01	WOODCREST RINEHART ACRES DRAIN	12,358,897	6,374,208	5,984,689	11,159,749	0	1,199,148	0
DESIGN & CONSTRUCTION PROJECTS			\$78,274,918	\$16,425,517	\$50,192,677	\$64,234,761	\$1,184,285	\$1,199,148	(\$11,656,724)
PLANNING PROJECTS									
2-8-00050	00	PCB REMEDIATION TEMESCAL	\$594,731	\$444,731	\$0	\$444,731	\$0	\$0	(\$150,000) ²
2-8-00052	01	TEMESCAL CREEK FLOOD PLAIN AQ	14,400,000	600,000	600,000	1,200,000	0	0	(13,200,000) ¹
2-8-00095	01	LAKE MATTHEWS CAJALCO ROAD SD	2,791,569	368,438	2,423,131	2,791,569	0	0	0
2-6-10000	00	FLOOD CONTROL BASN RETRO STUDY	400,000	0	400,000	400,000	0	0	0
2-8-09058	00	LK MATHWS ESTATE WTR QLTY POND	7,703,719	0	7,703,719	7,703,719	0	0	0
PLANNING PROJECTS			\$25,890,019	\$1,413,169	\$11,126,850	\$12,540,019	\$0	\$0	(\$13,350,000)
ZONE 2 DISTRICT LED PROJECT TOTALS			\$104,164,937	\$17,838,686	\$61,319,527	\$76,774,780	\$1,184,285	\$1,199,148	(\$25,006,724)

1 - District unfunded balance

2 - Cost share - Funded by third party

FIVE-YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2024:	\$76,916,588
REVENUE:	
Taxes	\$140,288,073
Interest	\$4,911,721
Rental	\$1,500
Subtotal Revenue	\$145,201,294
External Contribution	\$1,199,148
Total Five Year Revenue	\$146,400,442
Total Funds Available	\$223,317,030

APPROPRIATIONS:	
District Led Project Appropriations	\$79,158,213
Partner Led Project Appropriations	\$104,265,652
Miscellaneous Watershed Protection Projects	\$500,000
Capital Project Cost Inflation	\$2,374,746
Operating & Maintenance Expenses	\$32,451,378
Contingencies	\$2,674,140
ADP Refund - Lake Mathews ADP to MWD	\$5,000
Total Five Year Appropriations	\$221,429,129
ENDING FUND BALANCE - JUNE 30, 2029:	\$1,887,901

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
PARTNER LED PROJECT SUMMARY - ZONE 2
FISCAL YEARS 2024-25 THROUGH 2028-29**

Project Number	Stg No.	Project Title	Project Cost	Appropriations				Funding Sources			Total NOT District Funded
			Total Remaining Cost	FY 2024-25		FY 2026-29		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											
2-6-10018	50	JCSD RECYCLED WATER DIST SYST	\$67,124,038	\$0	\$10,435,665	\$0	\$10,464,335	\$20,900,000	\$0	\$0	(\$46,224,038) ²
2-6-10027	00	NORCO MDP LN N-4 EXTENSION	511,671	66,740	444,931	0	0	511,671	0	0	0
2-6-10029	50	BUTTERFELD DR RECL WTR FLW STN	4,313,354	102,000	3,956,354	0	0	4,058,354	0	0	(255,000) ²
2-6-10031	00	CORONA SOUTH JOY ST SD	1,469,000	0	54,545	39,000	1,375,455	1,469,000	0	0	0
2-6-10032	00	CORONA EAST GRAND BLVD SD	1,941,000	0	91,818	51,000	1,798,182	1,941,000	0	0	0
2-6-10038	00	N NORCO DR & GRULLA SD(SUB SD)	1,841,000	51,000	1,790,000	0	0	1,841,000	0	0	0
2-6-10040	00	EASTVALE ALT DRAINAGE & WQ	150,000	0	150,000	0	0	150,000	0	0	0
2-6-10042	00	VAN BUREN SEWER IMPROVMNT PROJ	16,789,755	0	5,015,000	0	0	5,015,000	0	0	(11,774,755) ²
2-6-10043	00	NORCO TOWN & COUNTRY DRIVE SD	299,940	26,340	273,600	0	0	299,940	0	0	0
2-6-10044	00	NORCO MINOR SD IMPR PARKRDGE	379,750	9,750	370,000	0	0	379,750	0	0	0
2-6-10045	00	CORONA SD CATCH BASIN RETROFIT	2,020,000	0	1,000,000	0	0	1,000,000	0	0	(1,020,000) ²
2-6-10046	00	CORONA SOUTH VICTORIA AVE SD	1,469,000	0	64,545	39,000	1,365,455	1,469,000	0	0	0
2-6-10047	00	CORONA DRAINS LINE 9A	3,812,000	0	300,000	102,000	3,410,000	3,812,000	0	0	0
2-6-10050	00	FIRST STREET STORM DRAIN	162,000	0	162,000	0	0	162,000	0	0	0
2-6-10051	00	NORCO CITATION DRIVE STORM DRN	58,650	7,650	51,000	0	0	58,650	0	0	0
2-6-10052	00	NORCO LATERAL S-1C EXTENSION	1,120,450	30,450	1,090,000	0	0	1,120,450	0	0	0
2-6-10053	00	NORCO LATERAL S-5E	1,164,650	31,650	1,133,000	0	0	1,164,650	0	0	0
2-6-10055	00	COLDWATER CYN RCHRG BSN STUDY	500,000	0	250,000	0	0	250,000	0	0	(250,000) ²
2-6-10056	00	HELI HYDRANT FIRE PRO SYS PH 2	1,026,000	0	513,000	0	0	513,000	0	0	(513,000) ²
2-6-09113	00	CORONA AVE SD IMPROV	1,120,000	0	0	0	1,120,000	1,120,000	0	0	0
2-6-09114	00	MESCALITA LANE SD IM	201,000	0	0	0	201,000	201,000	0	0	0
2-6-09115	00	VALLEY VIEW 5-6TH SD	1,060,000	0	0	0	1,060,000	1,060,000	0	0	0
2-6-09116	00	VALLEY VIEW 4-5TH SD	1,120,000	0	0	0	1,120,000	1,120,000	0	0	0
2-6-10003	50	RECLMD WTR PIPLN OLD TEMSC RD	1,000,000	0	0	0	500,000	500,000	0	0	(500,000) ²
2-6-10033	00	CORONA SOUTH MAIN STREET SD	3,915,000	0	0	105,000	3,810,000	3,915,000	0	0	0
2-6-10049	00	NORCO LATERAL S-1B EXTENSION	667,440	0	0	19,440	648,000	667,440	0	0	0
PARTNER LED CONTRIBUTION PROJECTS			\$115,235,698	\$325,580	\$27,145,458	\$355,440	\$26,872,427	\$54,698,905	\$0	\$0	(\$60,536,793)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS											
2-8-00086	01	NORCO MDP LINE N-3	\$2,774,186	\$149,186	\$2,625,000	\$0	\$0	\$2,774,186	\$0	\$0	\$0
2-8-00105	00	SANTA ANA BELOW PRADO	10,310,000	10,000	10,300,000	0	0	10,310,000	0	0	0
2-8-00150	02	SOUTH NORCO CH	23,082,725	872,986	752,500	701,321	20,755,918	23,082,725	0	0	0
2-8-00160	02	WEST NORCO CHANNEL STAGE 2	2,564,800	49,931	0	114,869	2,400,000	2,564,800	0	0	0
2-8-00060	02	NORTH MAIN STREET CHANNEL	5,486,365	0	0	193,548	5,292,817	5,486,365	0	0	0
2-8-00280	01	CORONA MDP LINE 5 STG 1	3,731,954	0	0	221,954	3,510,000	3,731,954	0	0	0
2-8-00304	60	EASTVALE MDP LINE D WQ	1,078,839	0	0	246,998	831,841	1,078,839	0	0	0
2-8-00310	60	EASTVALE MDP LINE E WQ	537,878	0	0	128,663	409,215	537,878	0	0	0
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			\$49,566,747	\$1,082,103	\$13,677,500	\$1,607,353	\$33,199,791	\$49,566,747	\$0	\$0	\$0
ZONE 2 PARTNER LED PROJECT TOTALS			\$164,802,445	\$1,407,683	\$40,822,958	\$1,962,793	\$60,072,218	\$104,265,652	\$0	\$0	(\$60,536,793)

1 - District unfunded balance

2 - Cost share - Funded by third party

CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-00050	00	DISTRICT (PLANNING)	PCB REMEDIATION TEMESCAL – This is a District-led project to remediate polychlorinated biphenyls (PCBs) found in the District’s existing Temescal Creek Channel access road from El Camino Avenue to Magnolia Avenue. At the recommendation of the United States Environmental Protection Agency, the project will be capping the contaminated material by placing a 6-inch asphalt cover for 1,270 feet of the southern 28 feet wide access road around Temescal Creek Channel. This will help to prevent PCBs in the fill from spreading into the adjacent environment and channel. This project is funded as a cost share with the adjacent land owner and the District.
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. The District has partially funded this project and as funds become available, the funding will increase.
2-8-00060*	02	CITY OF CORONA	NORTH MAIN STREET CHANNEL – This City of Corona-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. The District will be responsible for operation and maintenance of the channel. This project is funded by the District.

* Projects with an asterisk following the Project Number are not included in the FY 2024-2025 budget (CIP Year One) but are included in Years Two through Five of the CIP.

CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
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 inches to 66 inches. The storm drain alignment is within 5 th 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. The District and the City of Norco will share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District.
2-8-00095	01	DISTRICT (PLANNING)	LAKE MATHEWS CAJALCO ROAD STORM DRAIN – This is This is a District-led project to reduce street and residential flooding near Cajalco Road in the Lake Mathews area. The project form and feasibility is being studied but may consist of an upstream sediment basin as part of the Metropolitan Water District (MWD) Lake Mathews Water Quality Master Plan and approximately 615 feet of 72-inch diameter reinforced concrete pipe conveying water from the basin north across Cajalco Road and discharging to the natural waterway. The maintenance responsibility will depend on the final project form, but may include District and MWD maintained elements. This project is funded by the District.
2-8-00105	00	US ARMY CORPS OF ENGINEERS (CORPS)	SANTA ANA RIVER - BELOW PRADO DAM – This is a U.S. Army Corps of Engineers (Corps)-led project has constructed streambank improvements necessary due to the planned increased discharge capacity from the Prado Dam. Construction of Reach 9, Phases 2A and 2B, Mobile Home Levee and BNSF projects 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 projects. This project is funded as a cost share via Local Cooperative Agreement between the Corps, Riverside County, Orange County, San Bernardino County and Riverside County Transportation Commission. District costs are related to right of way acquisition and utility relocation for the BNSF Bridge Protection project.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-00110	90	DISTRICT (DESIGN)	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. The District will be responsible for operation and maintenance of the project improvements. This project is funded by the District.
2-8-00140	11	DISTRICT (DESIGN)	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 water quality basins to reduce runoff pollutants from adjacent land. The District is to include sewer and waterline utility relocations in the construction contract on behalf of the City of Norco. The District will be responsible for operation and maintenance of the storm drain improvements. This project is funded by the District and the City of Norco for waterline and electrical relocation.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-00144	01	DISTRICT (DESIGN)	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 improved flood protection to residents and businesses along Sixth Street. This project is funded by the District.
2-8-00150	02	CITY OF NORCO	SOUTH NORCO CHANNEL – This City of Norco-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 mapped floodplain. The District will be responsible for operation and maintenance of the channel. This project is funded by the District.
2-8-00160	02	CITY OF NORCO	WEST NORCO CHANNEL EXTENSION – The City of Norco-led project consists of approximately 1,300 feet of 8-foot by 4-foot reinforced concrete box between Parkridge Avenue and River Road. The proposed project extends the West Norco Channel south to an existing 90-inch reinforced concrete pipe privately owned storm drain. The project also proposes to replace the existing dual 57-inch corrugated metal pipe upstream. This project will remove properties from a Federal Emergency Management Agency mapped floodplain. The District will be responsible for operation and maintenance of the channel. This project is funded by the District.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-00180	03	DISTRICT (DESIGN)	<p>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 stabilize Mockingbird Canyon Wash and reduce sediment transport and erosion that can damage public infrastructure and adjacent residences. The portion of the wash that will be stabilized begins at the Pennington Place bridge crossing and traverses downstream (northwest) parallel to Mockingbird Canyon Road to where the wash crosses under Van Buren Boulevard near Pine Court. The drainage improvements are anticipated to consist of soil cement/rock-armoring bank protection and rock drop grade control structures. The project also includes two new crossings, one at Greenview Drive and another downstream for additional residential access. The project will also replace the existing Pennington Place bridge. The project will also provide opportunity for a future trail system that may be established by other entities. The District will be responsible for operation and maintenance of the facility (not including future trails). This project is funded by a combination of fees collected from the Mockingbird Canyon Area Drainage Plan and District Zone funds. The project is currently partially funded, and funding will be increased in future years based on available revenues.</p>
2-8-00253	01	DISTRICT (DESIGN)	<p>BEDFORD CANYON CHANNEL – This District-led project proposes to stabilize approximately 2,200 feet of Bedford Canyon Wash, located south of Cajalco Road, between Interstate 15 and Temescal Canyon Road in Corona, California. The primary objective of this project is to safely convey the 100-year storm flows in a stabilized system from Interstate 15 northbound freeway to an existing culvert under Temescal Canyon Road in a manner that reduces erosion and sediment deposition generated in the wash. Additionally, the project will aim to accommodate space for the future Butterfield Overland Trail project. The District will be responsible for operation and maintenance of the channel. This project is funded as a cost share between the District and Riverside County Transportation Commission contribution toward construction.</p>

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-00280*	01	CITY OF CORONA	CORONA MDP LINE 5 – This City of Corona-led project consists of a 2,400-foot underground storm drain ranging in pipe diameter from 30 inches to 54 inches. The storm drain proposes to collect runoff on Sherman Avenue south of Railroad Street and extend westerly in Railroad Street to Smith Avenue, discharging into an existing City owned storm drain. This project will provide flood protection to businesses along Railroad Street and Sherman Avenue. The District and City may share operation and maintenance responsibilities based on storm drain sizing. This project is funded by the District.
2-8-00304*	60	JURUPA COMMUNITY SERVICES 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. This project will help with the goal of addressing bacteria issues in the Middle Santa Ana River as well as water conservation goals by allowing this dry weather flow to be put to beneficial use as reclaimed water. The project is planned to include various size pipe (18 inches to 30 inches) and various appurtenant features. The responsible party for operation and maintenance of the facility is yet to be determined. This project is funded by the District.
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 Jurupa Community Services District (JCSD) to divert dry weather flows from an existing District storm drain, Eastvale Master Drainage Plan Line E, to a JCSD sanitary sewer line. This project will help with the goal of addressing bacteria issues in the Middle Santa Ana River as well as water conservation goals by allowing this dry weather flow to be put to beneficial use as reclaimed water. The project is planned to include various size pipe (18 to 24 inches) and various appurtenant features. The responsible party for operation and maintenance of the facility is yet to be determined. This project is funded by the District.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-8-00406	01	DISTRICT (DESIGN)	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 drainage-related street improvements and 8,000 feet of underground storm drain system ranging in diameter from 18 inches to 66 inches to collect flows from the streets of Mariposa Avenue, Granite Avenue, Boulder Avenue, Dallas Avenue, Obsidian Drive and Wood Road and convey them 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. The District will be responsible for operation and maintenance of the mainline storm drain facility, and the County of Riverside will maintain the street improvements and drainage inlets. This project is funded as a cost share between the District, the City of Riverside and Western Municipal Water District for waterline relocations.
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. The District anticipates that Metropolitan Water District will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-09113*	00	CITY OF NORCO	CORONA AVENUE STORM DRAIN IMPROVEMENTS – The City of Norco-led project proposes to construct approximately 1,630 feet of 18-inch to 36-inch diameter reinforced concrete pipe. The facility will convey storm runoff tributary to Corona Avenue from 6 th Street to 7 th Street and convey it into the existing North Norco Channel in the City of Norco. The project will alleviate flooding experienced along these streets. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-09114*	00	CITY OF NORCO	MESCALITA LANE STORM DRAIN IMPROVEMENTS – The City of Norco-led project proposes to construct approximately 290 feet of 18-inch to 24-inch diameter storm drain located on Mescalita Lane into the existing Norco line NA-S Channel in the City of Norco. The project will alleviate flooding experienced along these streets. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-09115*	00	CITY OF NORCO	VALLEY VIEW 5 TH TO 6 TH STREET STORM DRAIN – The City of Norco-led project proposes to construct approximately 1,700 feet of 18-inch to 36-inch diameter storm drain located on Valley View Avenue, between 5 th and 6 th Street, and connect into the existing Norco line NA-S Channel in the city of Norco. The project will alleviate flooding experienced along these streets. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-09116*	00	CITY OF NORCO	VALLEY VIEW 4 TH TO 5 TH STREET STORM DRAIN – The City of Norco-led project proposes to construct approximately 1,630 feet of 18-inch to 36-inch diameter storm drain located on Valley View Avenue, between 4 th and 5 th Street, and into the existing North Norco Channel Line NB in the City of Norco. The project will alleviate flooding experienced along these streets. The City will be responsible for operation and maintenance of the facility. 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 study is funded by the District.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10003*	00	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. The City will be responsible for operation and maintenance of the facility. This project is funded as a 50/50 cost share between the City of Corona and the District.
2-6-10018	50	JURUPA COMMUNITY SERVICES DISTRICT (JCSD)	JURUPA COMMUNITY SERVICES DISTRICT (JCSD) RECYCLED WATER DISTRIBUTION SYSTEM – This is a JCSD-led project for a regional solution to enhance reclaimed water use and includes a series of recycled water pipelines throughout Eastvale and a pump station at the Western Riverside County Regional Wastewater Authority. This regional collaboration will increase the amount of recycled water usage from the originally planned 660 acre-feet per year (AFY) to over 3,800 AFY in the JCSD and Corona service areas. JCSD will be responsible for operation and maintenance of the facility. This project is funded as a cost share between the District and multiple partners (primarily JCSD with approved grants from State Water Resources Control Board and US Bureau of Reclamation), including the Cities of Corona and Norco, Western Municipal Water District and Home Gardens Sanitary District.
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 inches to 36 inches in diameter. The project will collect water along Valley View Avenue and 4 th Street to convey it westerly toward Interstate 15, outletting into the existing North Norco Channel. This project will reduce street and community flooding along 4 th Street and Valley View Avenue. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10029	50	CITY OF CORONA	BUTTERFIELD DRIVE RECLAIMED WATER FLOW CONTROL STATION – The City of Corona-led project will construct a 16-inch flow control station pipe to connect the existing 20-inch reclaimed waterline at Butterfield Drive to the existing 24-inch steel reclaimed pipeline delivering reclaimed water from the Water Reclamation Facility #1 (WRF1) reclaimed water storage tank to the Cota Ponds. The project will also include using high density polyethylene pipe to slip line approximately 4,000 feet of the existing 24-inch steel pipe from WRF1 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. The City of Corona 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 Corona.
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-inch 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. The City of Corona will be responsible for operation and maintenance of the facility. 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-inch diameter reinforced concrete pipe. The facility will convey storm flows from Seventh Street to Third Street and tie into the existing Corona Line 52 storm drain. The project will alleviate street flooding experienced along the streets. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

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. The City of Corona will be responsible for operation and maintenance of the facility. This project is funded by District.
2-6-10038	00	CITY OF NORCO	NORCO NORTH DRIVE & GRULLA STORM DRAIN– This is a City of Norco-led project to reduce street and community flooding by upgrading an existing facility. It consists of 2,750 feet of storm drain pipe collecting runoff from the intersection of Crestview Drive and North Drive and conveying it northwesterly into the Santa Ana River. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10040	00	CITY OF EASTVALE	EASTVALE ALTERNATIVE DRAINAGE AND WATER QUALITY – This is a City of Eastvale-led study to evaluate the feasibility to retrofit existing surface Best Management Practices 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.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10042	00	COUNTY ECONOMIC DEVELOPMENT AGENCY	VAN BUREN SEWER IMPROVEMENT PROJECT – This is a District contribution to fund a joint project between the Riverside County Office of Economic Development and the City of Riverside Public Utilities (RPU) to extend the existing RPU 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. RPU will be responsible for operation and maintenance of the facility. The District’s contribution will cover a portion of the overall project; the remaining portion will be covered by RPU and an U.S. Economic Development Administration grant.
2-6-10043	00	CITY OF NORCO	NORCO TOWN & COUNTRY DRIVE STORM DRAIN – The City of Norco-led storm drain project consists of approximately 1,500 feet of 30-inch 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. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10044	00	CITY OF NORCO	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. 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. 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-inch RCP storm drain to an existing catch basin in California Avenue. Also proposed is an alternate design utilizing 18-inch RCP storm drain and an under-sidewalk drain to convey runoff onto North Drive. The City of Norco will be responsible for operation and maintenance of both facilities. This project is funded by the District.
2-6-10045	00	CITY OF CORONA	CORONA STORM DRAIN CATCH BASIN RETROFIT – The City of Corona (City)-led project will install 1,200 trash capture devices inside catch basins in a multi-year duration with a projected completion year of 2030. The project is to comply with the Santa Ana Regional Water Quality Control Board’s (Board) Trash Provisions order in addressing the impacts of trash on surface waters. The City is working with the Board to begin installing approved trash capture devices in catch basins located in high density areas citywide. The City will be responsible for operation and maintenance of the facilities. This project is funded as a 50/50 cost share between the District and the City.
2-6-10046	00	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-inch diameter reinforced concrete pipe proposed to collect and convey runoff from Seventh Street toward an existing culvert crossing the 91 Freeway. The City of Corona will be responsible for operation and maintenance of the facility. This project is funded by the District.

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CIP PROJECTS FY 2024-25 THROUGH FY 2028-29

PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10047	00	CITY OF CORONA	CORONA DRAINS LINE 9A – This is a City of Corona-led project to construct a master planned storm drain to provide flood protection to businesses and residences along Magnolia Avenue. The project consists of approximately 3,000 feet of 24-inch to 33-inch diameter underground storm drain. The project will collect runoff at Kellogg Avenue and convey it to the existing City-owned storm drain in Magnolia Avenue ending at Mt. Wilson. The City of Corona will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10049*	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-inch diameter storm drain pipe within Golden West Lane to collect flows from the south end of the street and convey them north to an existing storm drain Line S-1. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10050	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-inch diameter storm drain to collect flows within First Street and convey them west into an existing Interstate 15 Caltrans culvert. The City of Norco will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10051	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-inch 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. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.

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PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10052	00	CITY OF NORCO	NORCO LATERAL S-1C EXTENSION – This is a City of Norco-led project to place 1,300 feet of 30-inch 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. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10053	00	CITY OF NORCO	NORCO LATERAL S-5E – This is a City of Norco-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-inch to 36-inch 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 1,110 feet of 24-inch to 36-inch diameter reinforced concrete pipe within Hillside Avenue to collect flows and convey them southerly to Norco Master Drainage Plan Line S-1. The City will be responsible for operation and maintenance of the facility. This project is funded by the District.
2-6-10055	00	CITY OF CORONA	COLDWATER CANYON RECHARGE BASIN STUDY– This is a City of Corona-led project to reevaluate the runoff from Coldwater Canyon and Mayhew Canyon and methods to allow some of the water to be recharged into the mining pits during storm events. The Strategic Planning Summary Report, dated January 2017, includes retention basins, a down spout into the Chandler mining pit and other stormwater appurtenances that address flood risk reduction and water conservation. This study would also look at the best approach to protect water quality. This project is funded as a 50/50 cost share between the District and the City of Corona.

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PROJECT NOTES

PROJ. NO.	STG.	LEAD AGENCY	DESCRIPTION
2-6-10056	00	JURUPA COMMUNITY SERVICES DISTRICT (JCSD)	HELI HYDRANT FIRE PRO SYSTEM PHASE 2 – This is a JCSD-led project to install three 15-foot diameter by 8-foot tall Heli-Hydrant tank systems to provide the California Department of Forestry and Fire Protection (Cal Fire) with reliable and accessible water resources during wildfire events. The tank systems will improve Cal Fire pilots' response time to eradicate fires, reducing the risk of loss of life and property to the surrounding communities within Riverside County, including the associated the post-fire flood risk. The decreased response times will also reduce the amount of water used during wildfire events and the burn area, resulting in water conservation. JCSD will be responsible for operation and maintenance of the facility. This project is funded as a cost share between JCSD and the District.

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