

1995 MARKET STREET RIVERSIDE, CA 92501 951.955.1200 951.788.9965 FAX www.rcflood.org

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

AGENDA

Commissioners of Zone 3 of the Riverside County Flood Control and Water Conservation District will hold a Public Capital Improvement Plan (CIP) Budget Hearing at 9:00 a.m. on Wednesday, December 4, 2024 at the Riverside County Flood Control District office, 1995 Market Street, Riverside.

The purpose of this meeting is to receive requests from interested parties for project funding for the CIP budget for Fiscal Year 2025-2026.

- 1. Chief Engineer's Report of Zone Activities.
- 2. Receive requests from interested parties for projects for Fiscal Year 2025-2026.
- 3. Oral communication from the audience.

The Public CIP Budget Work Session is set for 9:00 a.m. on Wednesday, February 5, 2025 at the Riverside County Flood Control and Water Conservation District office, 1995 Market Street, Riverside. The purpose of the meeting is to present the draft CIP budget for Fiscal Year 2025-2026 for consideration by our Zone Commissioners.

Zone 3 Report to the Zone Commissioners

By Jason E. Uhley, General Manager-Chief Engineer November 2024

The District maintains a 5-year Capital Improvement Plan (CIP) which identifies projects that the District intends to fund over a 5-year period. Information on our overall CIP can be viewed at https://rcflood.org/cip.

This report has been prepared by District staff to provide a status update on CIP projects that are either completed or otherwise expected to be active during the current fiscal year.

Current Construction Projects

These projects are under construction as of the preparation of this report.

Lakeland Village MDP Line H, Stage 1 (3-8-00020-01)

This is a District-led storm drain improvement project of approximately 6,123 feet of various size underground pipe and box storm drain and a 2-acre sediment basin. The project will provide flood protection to the residential area of Lakeland Village by capturing stormwater runoff from the Elsinore Mountains between Coleman Avenue and Landerville Boulevard and safely convey it in an underground storm drain along Cottrell Boulevard and Maiden Lane to Lake Elsinore. The existing Federal Emergency Management Agency (FEMA) floodplain will be removed following construction of this project, reducing flood insurance costs to property owners in the area. The sediment basin will help protect lake water quality by removing sediment and pollutants in runoff. The District will be responsible for operation and maintenance of the facility. This project is funded by a combination of District funding and a FEMA Flood Hazard Mitigation Grant.

The project construction is about 95% complete and final paving improvements to be completed by December 2024.

Active District-Led Projects

This section provides a status update on CIP projects actively worked on by the District during the current fiscal year.

Sedco MDP Line G, Stage 1 (3-8-00142-01)

This District-led project will complete the first downstream phase of the Line G system. Once the Line G system is complete, it will provide flood protection to the community southwest of Bundy Canyon Road and Interstate 15, as well as resolve long standing flooding issues at Elsinore High School. This phase of the project will construct an open channel from Mission Trail approximately 3,000 feet downstream to the natural low northwest of Corydon Street near Skylark Airport. The preliminary channel dimensions range from a bottom width of 14 to 31 feet, 4:1 slopes and depth of 7 feet. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

The work on this project has been delayed due to re-prioritization of efforts following the Macy and Airport Fires.

Zone 3 Report to the Zone Commissioners

November 2024

West Elsinore MDP Line B, Stage 1 (3-8-00218-01)

This is a District-led initiative to acquire approximately one acre worth of right of way that will be needed for the eventual construction of a portion of West Elsinore MDP Line B. The upstream end of the acquisition begins from the natural wash located approximately 300 feet northeast of the Crestview Drive cul de sac. The alignment continues east behind private property and connects into the existing portion of Leach Canyon Channel near Machado Street. The District has partially funded the acquisition, and as funds become available, the funding will increase.

The work on this project has been delayed due to re-prioritization of efforts following the Macy and Airport Fires.

Gunnerson & Baker Study (3-8-09032-00)

This is a District-led project to conduct a study of options to improve the water quality in the Gunnerson and Baker Ponds in the city of Lake Elsinore. The ponds are located west of Interstate 15 near the intersection of Riverside Drive and Baker Street. This project is funded by the District.

The work on this project has been delayed due to re-prioritization of efforts following the Macy and Airport Fires.

Active Partner-Led Projects

This section provides a status update on CIP projects actively worked on by partner agencies in the current fiscal year.

Sedco MDP Line C (3-6-10002-00)

This City of Wildomar (City)-led project proposes to construct a 36-inch storm drain located on Sedco Boulevard between Lakeview Terrace and Mission Trail in the city of Wildomar that will convey 100-year flows. 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 as a cost share between the District and the City.

The City has stated that its analysis demonstrates a larger pipe size is warranted to provide the regional flood protection and that the District should consider accepting the project for maintenance. The City recently received federal funds to improve Sedco Boulevard, and based on the grant deadline, the City needs the drainage project installed prior to 2029. The District will review the hydrology analysis provided by the City and update maintenance responsibilities accordingly. Due to low fund balance in this Zone, which is further exacerbated by the Macy and Airport Fires, the District's contribution will be shifted to occur in future years.

Sedco MDP Lines A and B (3-6-10003-00)

The City of Wildomar (City)-led project proposes to construct an approximately 900 feet of 24-inch to 30-inch reinforced concrete pipe (RCP) located on Sylvester Road and 1,000 feet of 24-inch RCP on Elberta Road, both between Lakeview Terrace and Mission Trail in the city of Wildomar. The project will alleviate street flooding experienced along these streets. The City of Wildomar will be

Zone 3 Report to the Zone Commissioners

November 2024

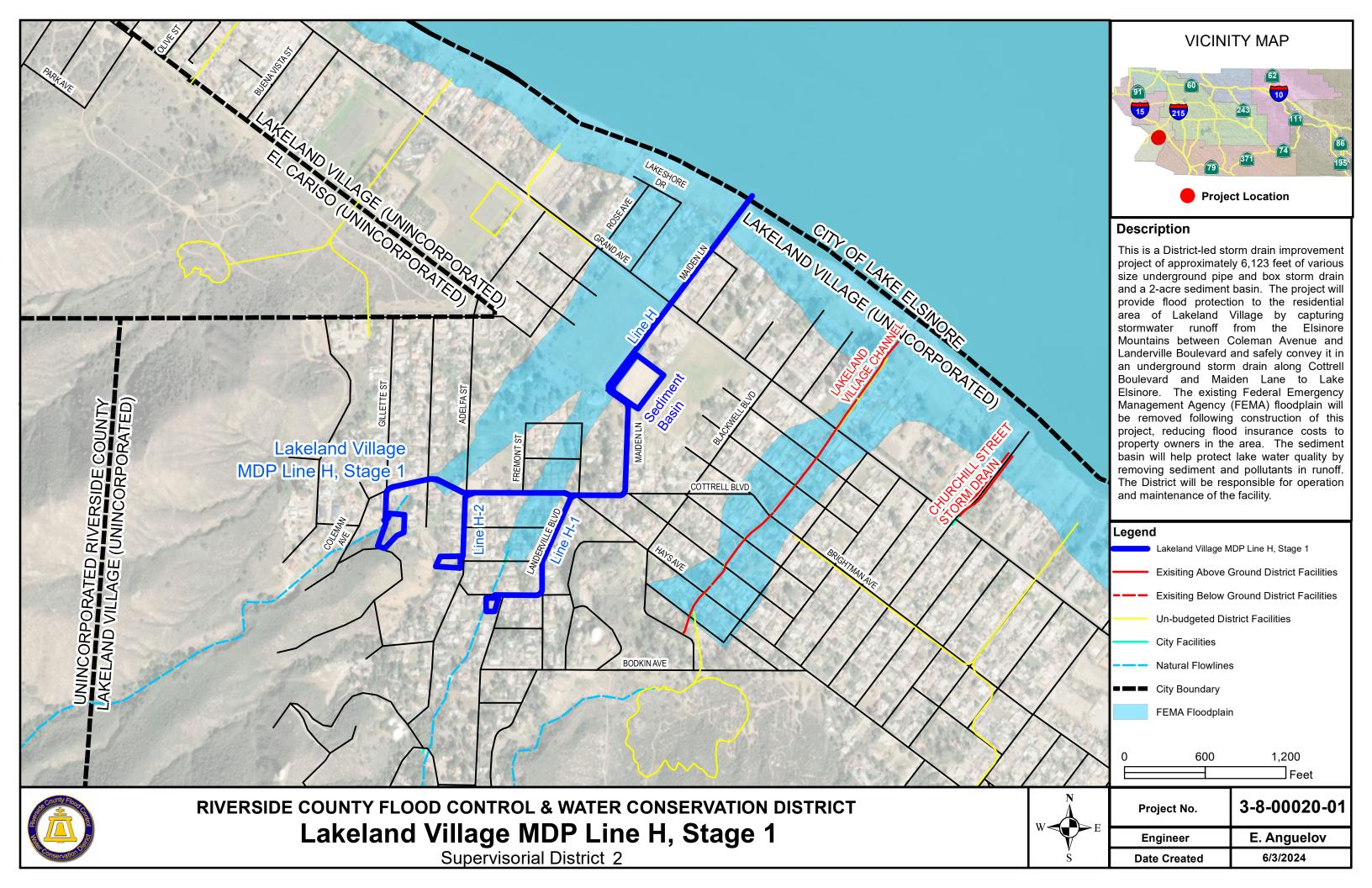
responsible for operation and maintenance of the facility. This project is funded as a cost share between the District and the City of Wildomar.

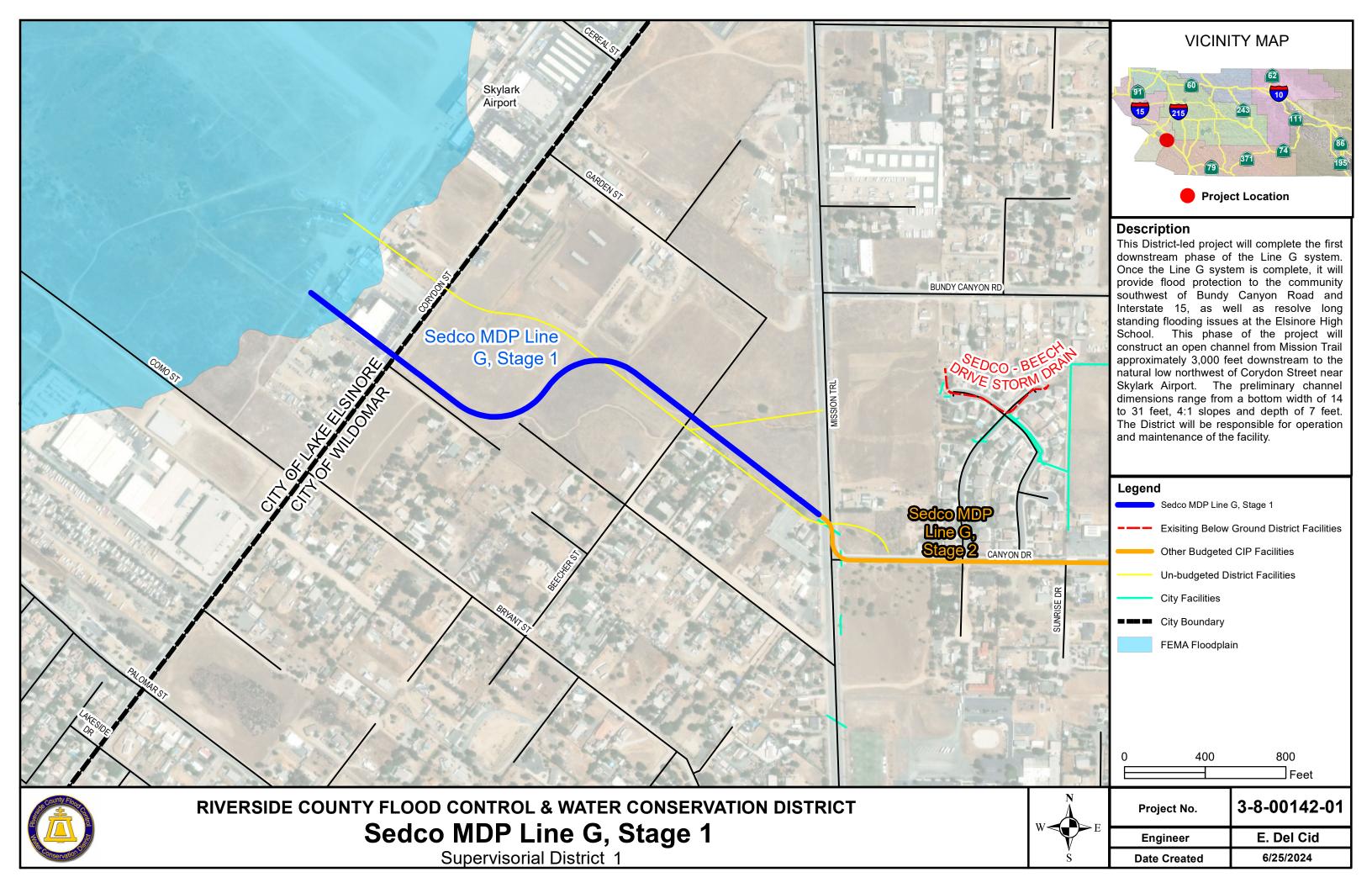
The City has stated that its analysis demonstrates a larger pipe size is warranted to provide regional flood protection and that the District should consider accepting the project for maintenance. The District will review the hydrology analysis provided by the City and update maintenance responsibilities accordingly. Due to low fund balance in this Zone, which is further exacerbated by the Macy and Airport Fires, the District contribution will be shifted to occur in future years.

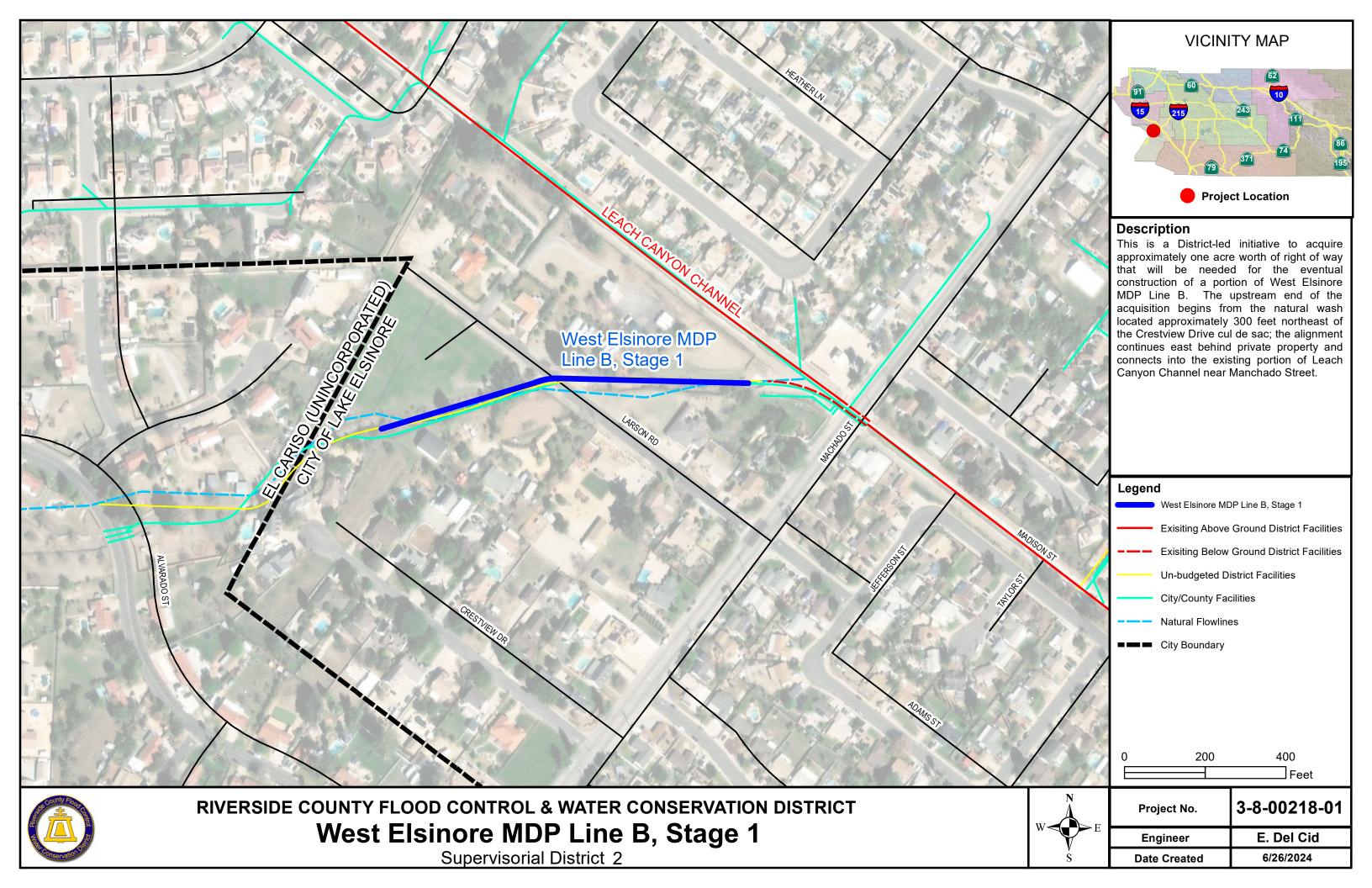
Sedco MDP Line F-2 (3-8-00149-00)

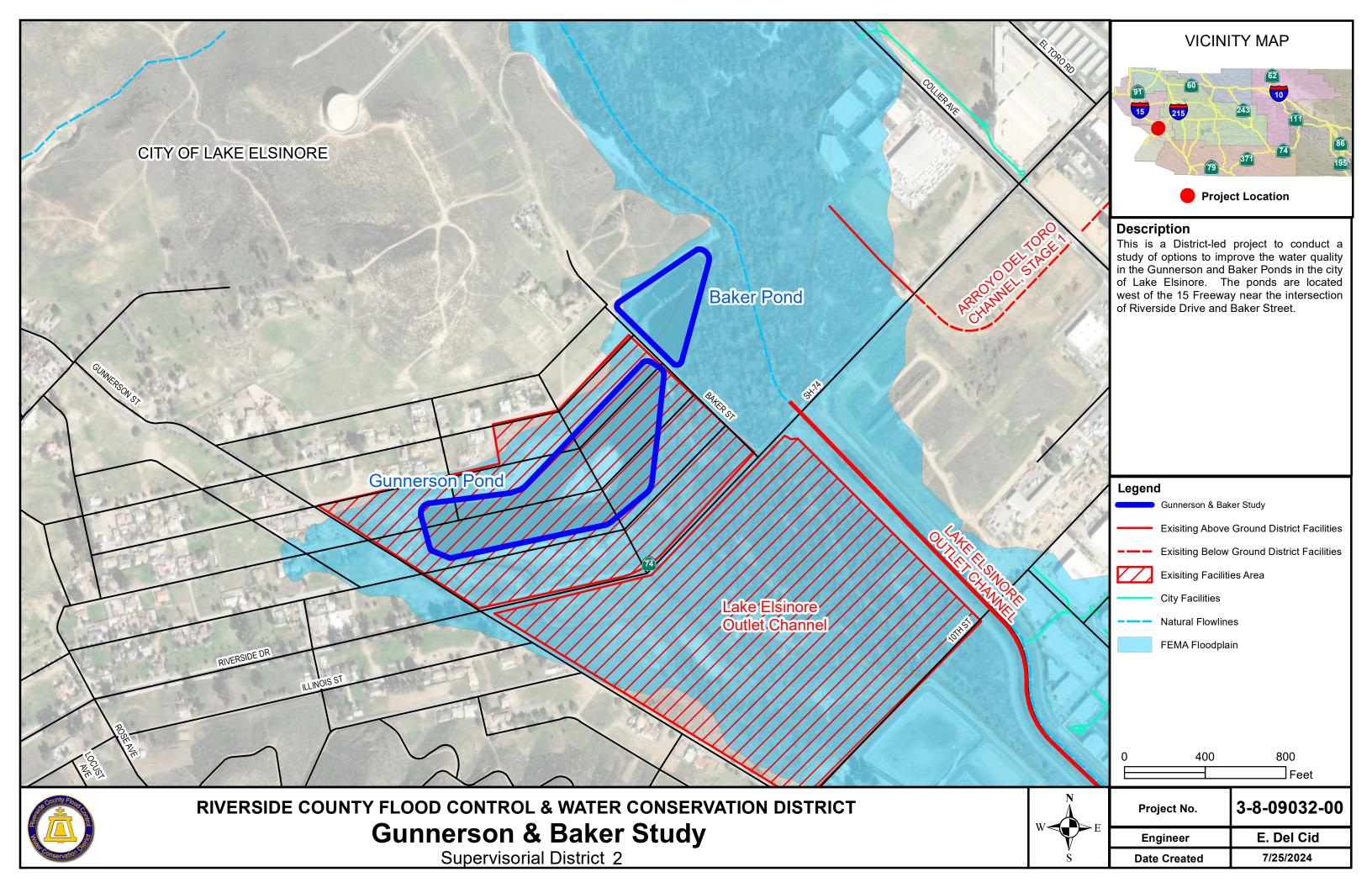
This City of Wildomar (City)-led project extends the existing Sedco Master Drainage Plan Line F-2 to capture flows tributary to Lemon Street, Lost Road and Gafford Road and convey them to the District's existing Sedco MDP Line F-2 and Sedco Basin. The proposed project consists of approximately 1,200 feet of 42-inch and 54-inch reinforced concrete pipe that will provide flood protection and reduce sediment issues within the area. The District 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 Wildomar.

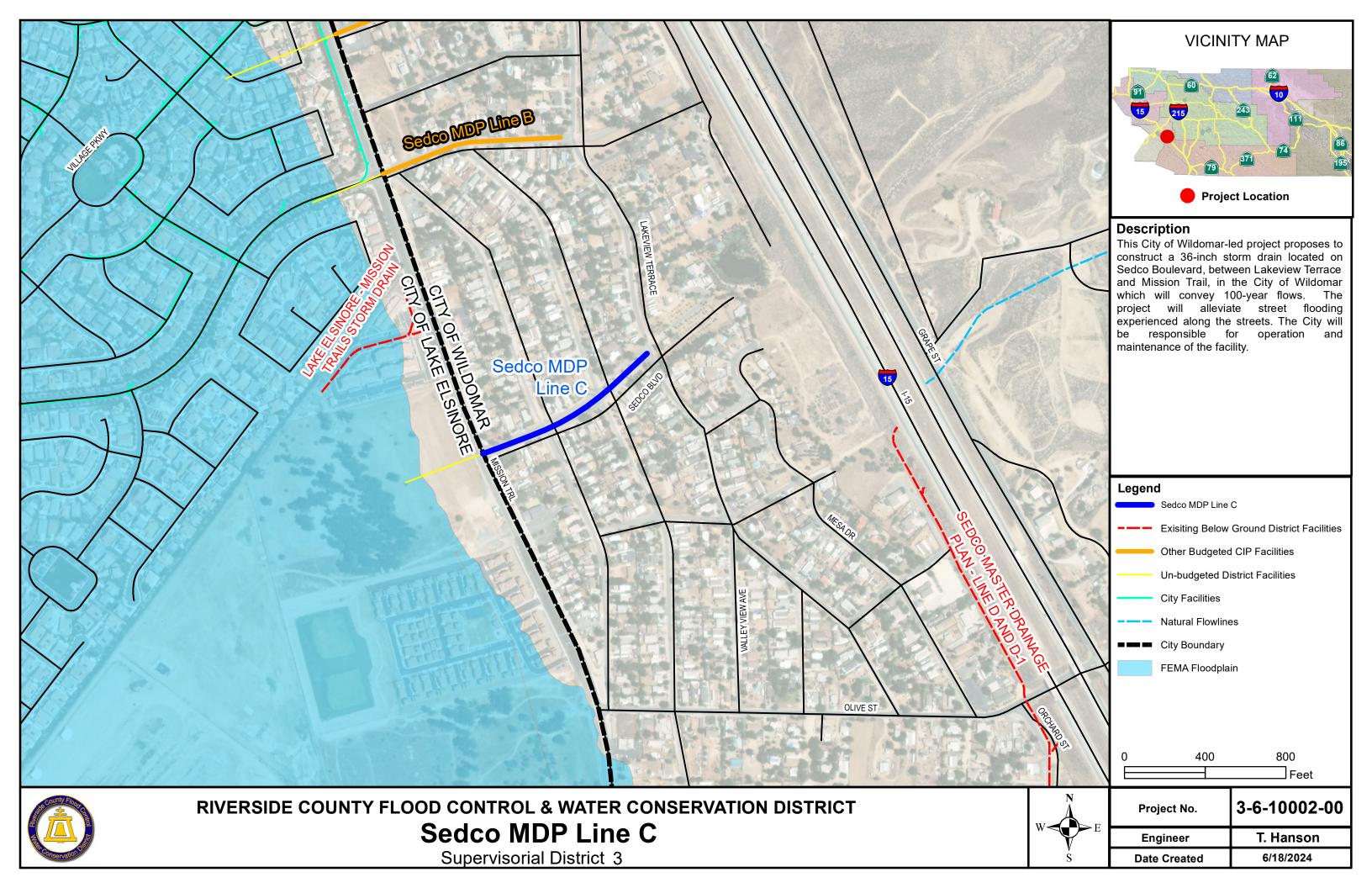
The City is in the process of preparing a Request for Proposal for design, with design expected to start in March 2025. Due to low fund balance in this Zone, which is further exacerbated by the Macy and Airport Fires, the District's contribution will be shifted to occur in future years.

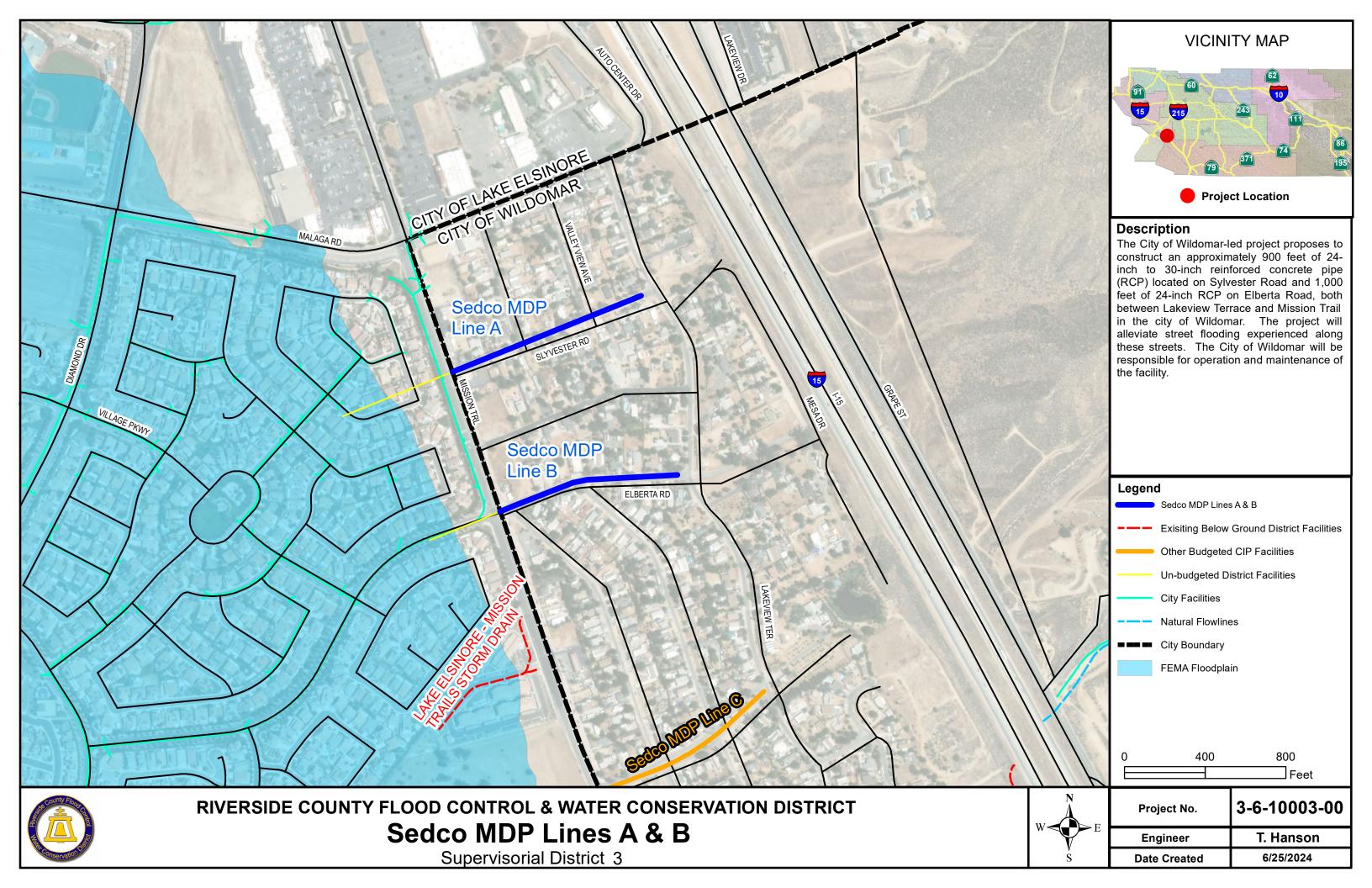


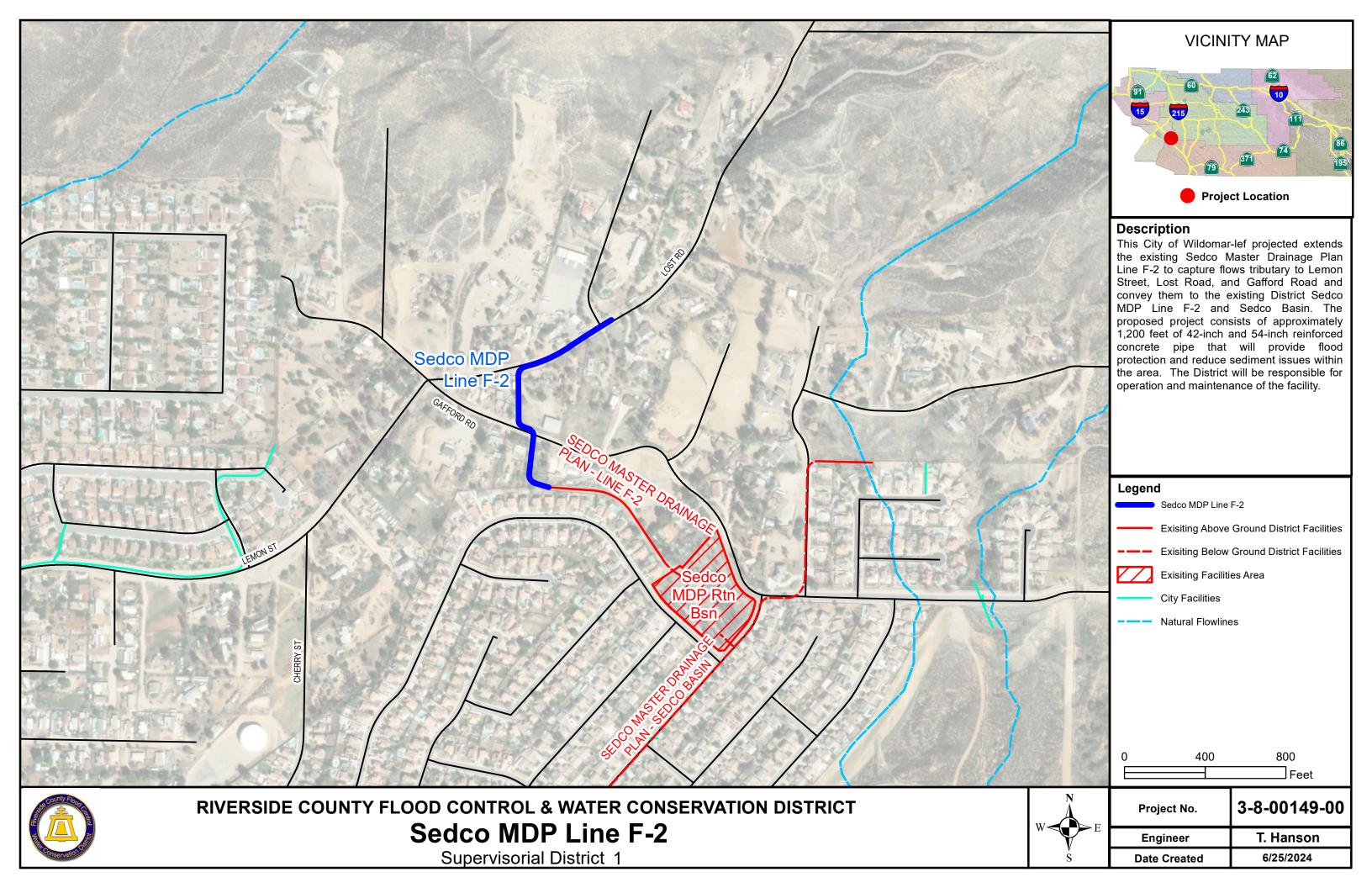












Г

ZONE 3

VACANT, 1st District

RICH BELLANTE, 2nd District

BARBARA DYE, 2nd District

The demand for infrastructure generally outpaces available financial resources leaving many unmet needs

The district must consider public safety above all else, but also strive to develop the most economical project possible consistent with this obligation.

The available fund balance usually makes up the difference if projected revenue does not cover projected appropriations.



Fund Balance for FY 2023-2024

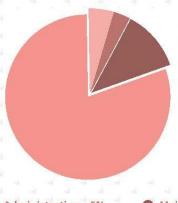
JULY1,2023 \$5,568,322

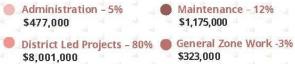
JUNE30,2024 \$857,313

Property Taxes (5 year trend)





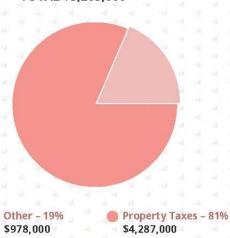




Sources

(Where the money comes from)

TOTAL \$5,265,000



Γ

ZONE 3

VACANT, 1st District

RICH BELLANTE, 2nd District

BARBARA DYE, 2nd District

The demand for infrastructure generally outpaces available financial resources leaving many unmet needs

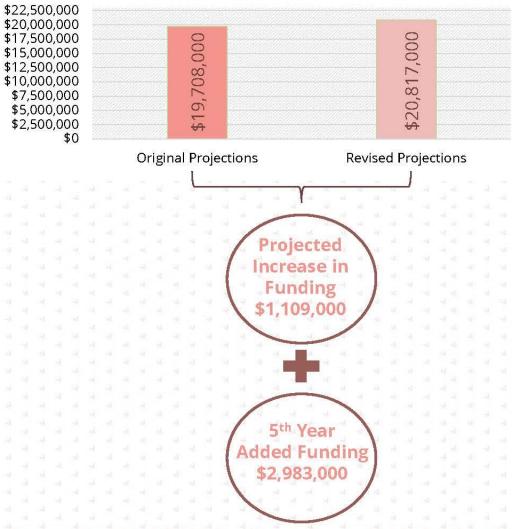
The district must consider public safety above all else, but also strive to develop the most economical project possible consistent with this obligation.

The available fund balance usually makes up the difference if projected revenue does not cover projected appropriations.

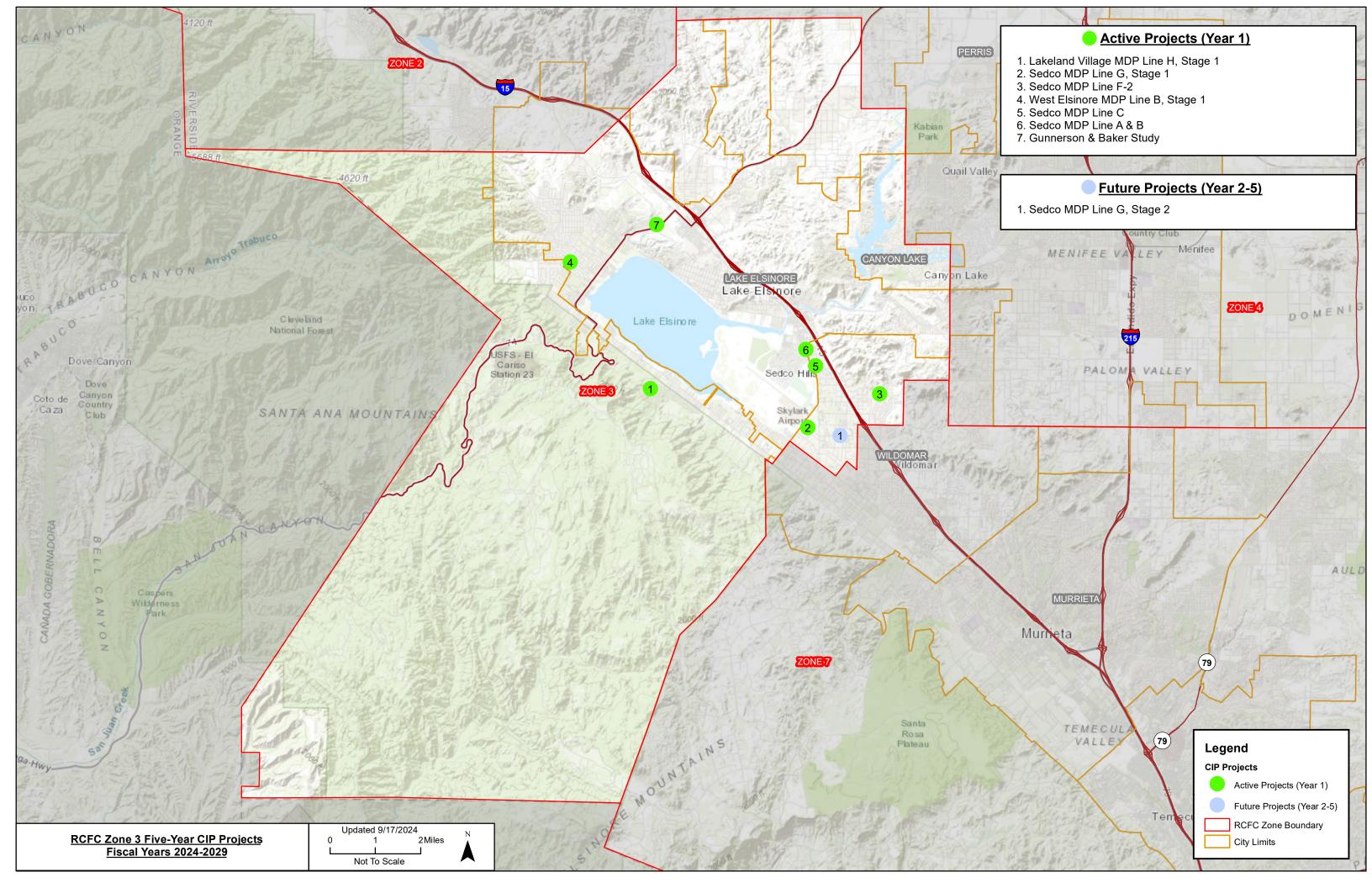


Forecasting FY25-26 thru FY29-30

Original Projections vs. Revised Projections Additional Funding Available



Forecasting \$4,092,000 funding to be available for Cost Increases on Existing Projects and New Requests



Zone 3 CIP Budget Hearing

December 4, 2024



For public attendees joining via TEAMS:

- Please keep your microphone muted until called upon.
- Handouts can be accessed from:
 - www.rcflood.org/cip

Flood Control



Storm Drains, Channels, Levees, Dams

Shared Responsibility for Flood Protection



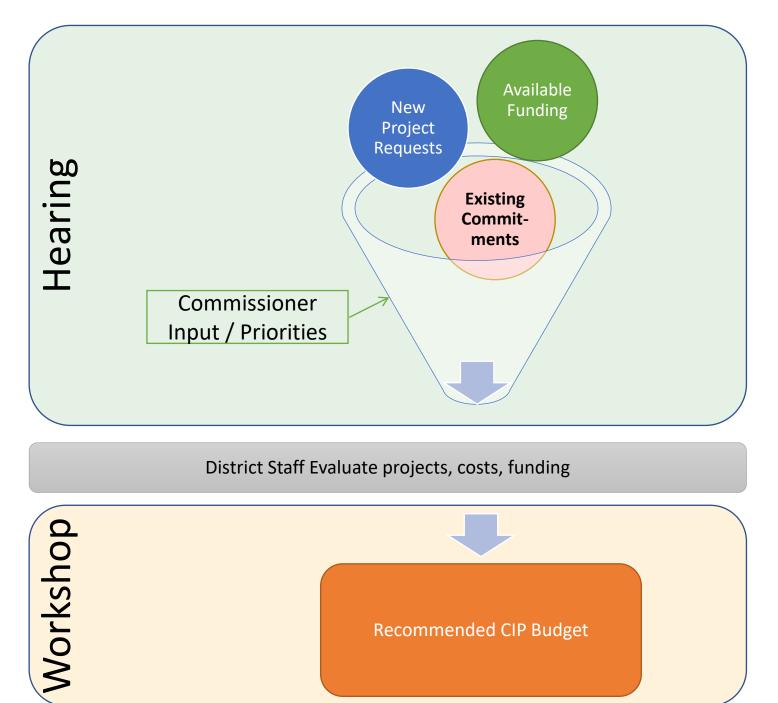




- Riverside County Flood
 - Dams, levees
 - Regional channels and storm drains
- Cities/County
 - Road culverts
 - Smaller storm drains (<=36")
 - Catch basins (roadside inlets)
- Rural Property Owners/HOAs
 - Other drainage infrastructure
 - Natural washes



Hearing New Project Requests





Darrylenn Prudholme-Brockington

Chief of Finance Division

Г

ZONE 3

VACANT, 1st District

RICH BELLANTE, 2nd District

BARBARA DYE, 2nd District

The demand for infrastructure generally outpaces available financial resources leaving many unmet needs.

The district must consider public safety above all else, but also strive to develop the most economical project possible consistent with this obligation.

The available fund balance usually makes up the difference if projected revenue does not cover projected appropriations.



Fund Balance for FY 2023-2024

JULY 1, 2023 \$5,568,322

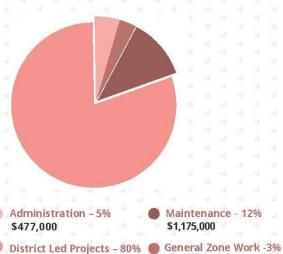
JUNE30,2024 \$857,313

Property Taxes (5 year trend)





\$8,001,000

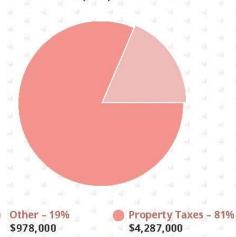


\$323,000

Sources

(Where the money comes from)

TOTAL \$5,265,000



T

ZONE 3

VACANT, 1st District

RICH BELLANTE, 2nd District

BARBARA DYE, 2nd District

The demand for infrastructure generally outpaces available financial resources leaving many unmet needs

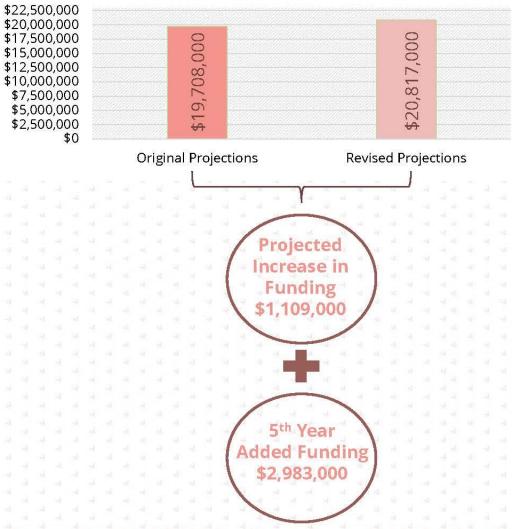
The district must consider public safety above all else, but also strive to develop the most economical project possible consistent with this obligation.

The available fund balance usually makes up the difference if projected revenue does not cover projected appropriations.



Fy25-26 thru Fy29-30

Original Projections vs. Revised Projections Additional Funding Available



Forecasting \$4,092,000 funding to be available for Cost Increases on Existing Projects and New Requests

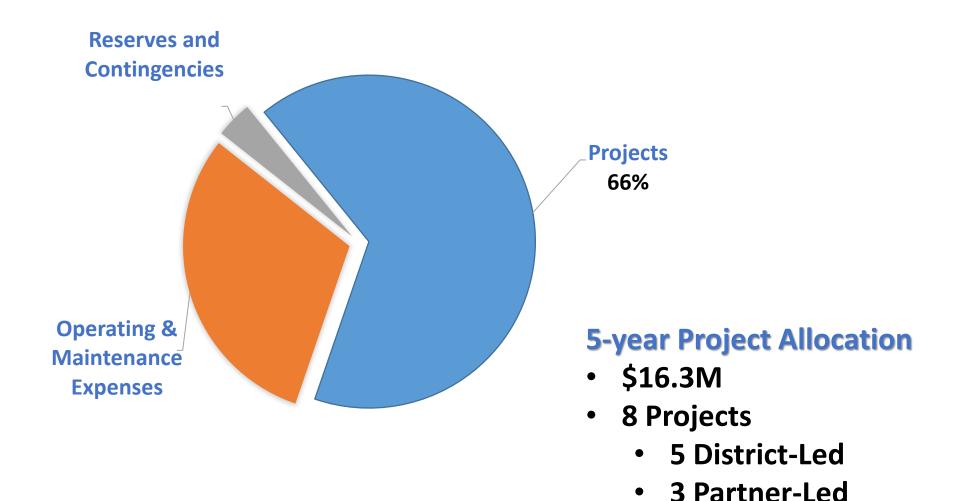


District Projects

Komy Ghods

Chief of Design

5-Year Allocations per CIP



RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DISTRICT LED PROJECT SUMMARY - ZONE 3 FISCAL YEARS 2024-25 THROUGH 2028-29

			Project Cost	Project Cost Appropriations		Funding So	Total NOT		
Project Number	Stg No.	Project Title	Total Remaining Cost	FY 2024-25	FY 2026-29	Tax Revenue	ADP Contribution	External Contribution	District Funded
DESIGN &	CONS	TRUCTION PROJECTS							
3-8-00020	01	LAKELAND VILLAGE MDP LINE H	\$1,202,130	\$1,202,130	\$0	\$1,032,655	\$0	\$169,475	\$0
		DESIGN & CONSTRUCTION PROJECTS	\$1,202,130	\$1,202,130	\$0	\$1,032,655	\$0	\$169,475	\$0
PLANNING	PRO	JECTS							
3-8-00142	01	SEDCO MDP LINE G STAGE 1	\$9,409,347	\$150,000	\$9,259,347	\$9,409,347	\$0	\$0	\$0
3-8-00218	01	WEST ELSINORE MDP LINE B	6,000,000	150,000	0	150,000	0	0	(5,850,000)
3-8-09032	00	GUNNERSON & BAKER STUDY	400,000	400,000	0	400,000	0	0	0
3-8-00142	02	SEDCO MDP LINE G STAGE 2	19,944,116	0	3,300,000	3,300,000	0	0	(16,644,116)
		PLANNING PROJECTS	\$35,753,463	\$700,000	\$12,559,347	\$13,259,347	\$0	\$0	(\$22,494,116)
	7	ONE 3 DISTRICT LED PROJECT TOTALS	\$36,955,593	\$1,902,130	\$12,559,347	\$14,292,002	\$0	\$169,475	(\$22,494,116)

^{1 -} District unfunded balance

FIVE-YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2024: \$1,402,563

REVENUE:

Taxes	\$23,070,649
Interest	\$584,743
Subtotal Revenue	\$23,655,392
External Contribution	\$169,475
Total Five Year Revenue	\$23,824,867
Total Funds Available	\$25,227,430

APPROPRIATIONS:

Existing Commitments

^{2 -} Cost share - Funded by third party

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT PARTNER LED PROJECT SUMMARY - ZONE 3 FISCAL YEARS 2024-25 THROUGH 2028-29

	П		Project Cost	Appropriations			Funding Sources			Total NOT	
Project	Stg	Project	Total	F	Y 2024-25	FY	2026-29		5-Year Total		District
Number	No.	Title	Remaining Cost	District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	External Contribution	Funded
PARTNER	LED	CONTRIBUTION PROJECTS									
3-6-10002	00	SEDCO MDP LINE C	\$1,151,000	\$0	\$648,013	\$0	\$0	\$648,013	\$0	\$0	(\$502,987)
3-6-10003	00	SEDCO MDP LINES A & B	1,490,000	0	838,870	0	0	838,870	0	0	(651,130)
	PART	NER LED CONTRIBUTION PROJECTS	\$2,641,000	\$0	\$1,486,883	\$0	\$0	\$1,486,883	\$0	\$0	(\$1,154,117)
PARTNER	LED	CAPITAL IMPROVEMENT PROJECTS									
3-8-00149	00	SEDCO LINE F-2	\$750,382	\$3,351	\$0	\$18,908	\$360,191	\$382,450	\$0	\$0	(\$367,932)
PARTNER	RLED	CAPITAL IMPROVEMENT PROJECTS	\$750,382	\$3,351	\$0	\$18,908	\$360,191	\$382,450	\$0	\$0	(\$367,932)
	ZON	IE 3 PARTNER LED PROJECT TOTALS	\$3,391,382	\$3,351	\$1,486,883	\$18,908	\$360,191	\$1,869,333	\$0	\$0	(\$1,522,049)

^{1 -} District unfunded balance

Existing Commitments

^{2 -} Cost share - Funded by third party

Zone 3

Report to the Zone Commissioners

By Jason E. Uhley, General Manager-Chief Engineer November 2024

The District maintains a 5-year Capital Improvement Plan (CIP) which identifies projects that the District intends to fund over a 5-year period. Information on our overall CIP can be viewed at https://reflood.org/cip.

This report has been prepared by District staff to provide a status update on CIP projects that are either completed or otherwise expected to be active during the current fiscal year.

Current Construction Projects

These projects are under construction as of the preparation of this report.

Lakeland Village MDP Line H, Stage 1 (3-8-00020-01)

This is a District-led storm drain improvement project of approximately 6,123 feet of various size underground pipe and box storm drain and a 2-acre sediment basin. The project will provide flood protection to the residential area of Lakeland Village by capturing stormwater runoff from the Elsinore Mountains between Coleman Avenue and Landerville Boulevard and safely convey it in an underground storm drain along Cottrell Boulevard and Maiden Lane to Lake Elsinore. The existing Federal Emergency Management Agency (FEMA) floodplain will be removed following construction of this project, reducing flood insurance costs to property owners in the area. The sediment basin will help protect lake water quality by removing sediment and pollutants in runoff. The District will be responsible for operation and maintenance of the facility. This project is funded by a combination of District funding and a FEMA Flood Hazard Mitigation Grant.

The project construction is about 95% complete and final paving improvements to be completed by December 2024.

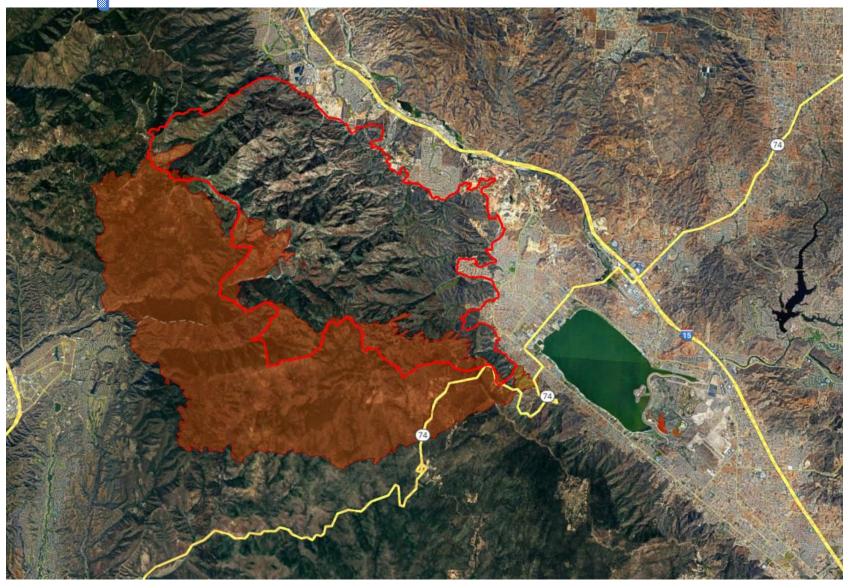
Active District-Led Projects

This section provides a status update on CIP projects actively worked on by the District during the current fiscal year.

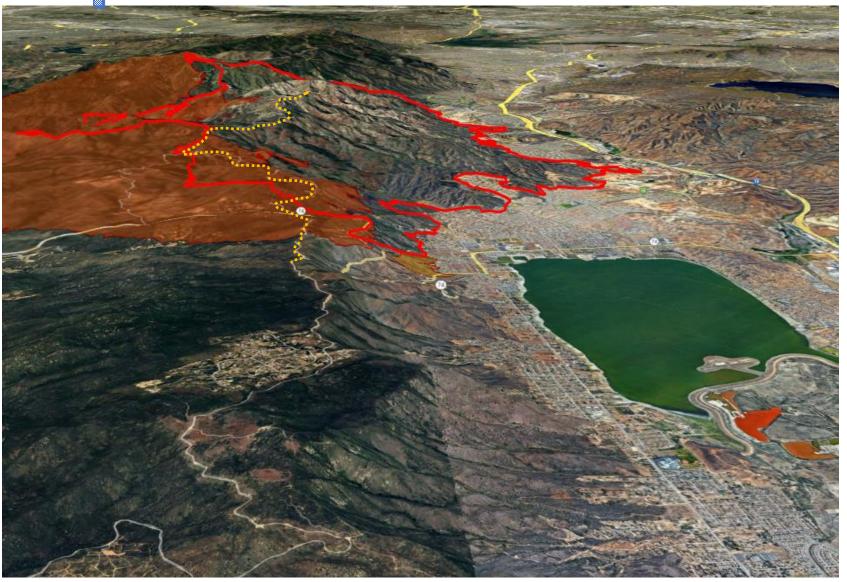
Sedco MDP Line G, Stage 1 (3-8-00142-01)

This District-led project will complete the first downstream phase of the Line G system. Once the Line G system is complete, it will provide flood protection to the community southwest of Bundy Canyon Road and Interstate 15, as well as resolve long standing flooding issues at Elsinore High School. This phase of the project will construct an open channel from Mission Trail approximately 3,000 feet downstream to the natural low northwest of Corydon Street near Skylark Airport. The preliminary channel dimensions range from a bottom width of 14 to 31 feet, 4:1 slopes and depth of 7 feet. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

The work on this project has been delayed due to re-prioritization of efforts following the Macy and Airport Fires. Airport Fire



Airport Fire



Elsinore, August 31, 2007 It's all about rainfall intensity – not total rainfall Can be triggered by rainfall of 0.5" per hour or more of rainfall Rainfall only has to occur for 15 minutes Takes 3-5 years for canyon slopes to stabilize/recover Photo by Lauren G. Ferrer

Other Post Fire Effects







RAINFALL RUNOFF CAN BE 2 TO 5 TIMES HIGHER THAN NORMAL ASH, BURNT SMELL FROM FIRST STORMS OF THE YEAR SLOPES SUBJECT TO EROSION, FAILURE

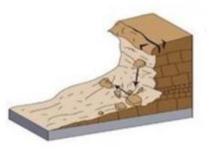




ROCKFALL FROM STEEP SLOPES

EXTENDED ROAD CLOSURES, LOSS OF UTILITIES





ROAD CLOSED





www.rivcoready.org/stormready

Active Projects

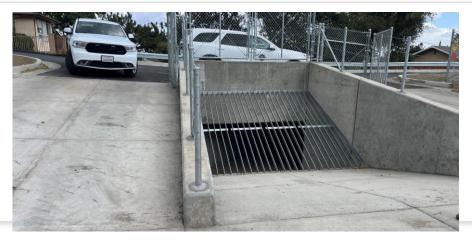
Design and Construction



Lakeland Village Line H

- \$13.1 M
- Started mid 2022
- Final payment pending
- \$2M Outside
 Funding
 - FEMA Grant
 - County Transportation

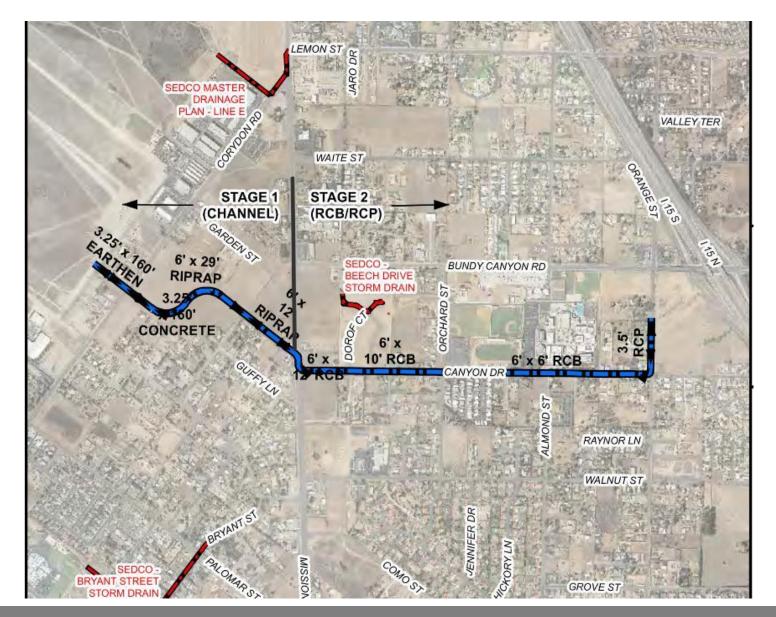
Lakeland Village Line H



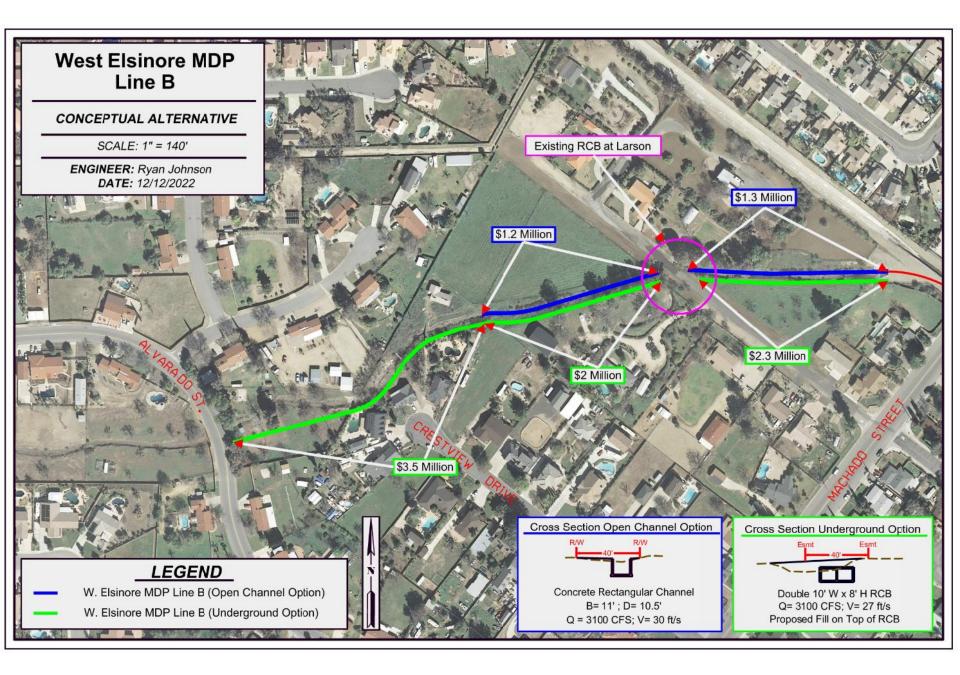








Sedco Line G, Stages 1 & 2





Partner Projects

Rohini S Mustafa

Chief of Planning

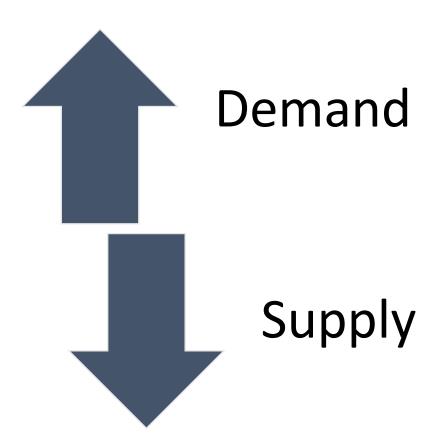
Sedco Line A, B and C





Public Hearing

Recent Activity and Trends



- Construction Costs
 - 8-10% increase | Inflation is stabilizing

Existing Partially Unfunded and New Project Requests (to date)

Total: ~\$28M

Partially Unfunded

District Led

Sedco MDP Line G (+\$17M)

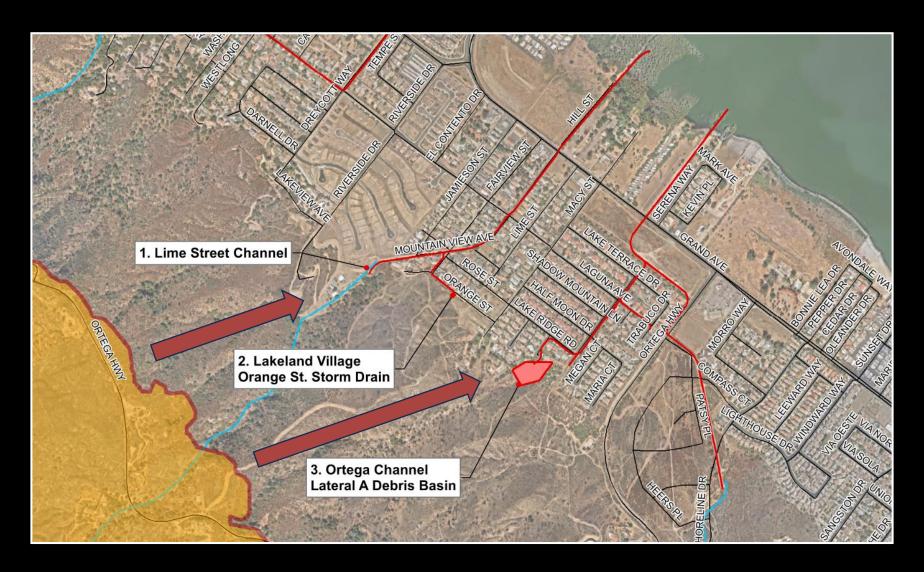
New Project Requests

Wildomar	District
Sedco MDP Line E (\$7.2M)	Post Airport Fire Management (~\$3.5M)



Sedco Line E





Post Airport Fire Management

