

JASON E. UHLEY
General Manager-Chief Engineer



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RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

AGENDA

Commissioners of Zone 5 of the Riverside County Flood Control and Water Conservation District will hold a Public Capital Improvement Plan (CIP) Budget Hearing at 9:30 a.m. on Thursday, December 5, 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 9:30 a.m. on Thursday, February 6, 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 5
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.

Active District-Led Projects

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

Marshall Creek, Stage 1 (5-8-00080-01)

This is a District-led storm drain improvement project in unincorporated Riverside County that aims to provide 100-year flood protection to residents, property and infrastructure. The project is anticipated to consist of a 2,500-foot trapezoidal channel located to the south of the street right of way at the intersection of Brookside and Winesap Avenues. The trapezoidal channel will collect and convey flows west along Brookside Avenue before connecting to a proposed reinforced concrete box (RCB) beginning at Brookside Avenue and Cherry Avenue. The RCB will proceed west along Brookside Avenue and turn south at Nobel Street. It will replace the existing trapezoidal concrete channel and outlet into the existing Marshall Creek Channel, both belonging to the City of Beaumont. The overall system of Marshall Creek Channel (including future stages) will result in 100-year flood protection to the community along the alignment. 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 Beaumont.

A Preliminary Design Report is being finalized to analyze proposed alternative alignments and select a preferred alternative. The 30% Improvement Plans are also in progress and are anticipated to be completed in 2025.

West Pershing Channel Line K, Stage 6 (5-8-00150-06)

This is a District-led project to provide flood protection to Ramsey Street between Highland Home Road and Omar Street in the city of Banning. The project will also provide flood protection to businesses in the project vicinity and possibly reduce Federal Emergency Management Agency (FEMA) mapped Zone A floodplain. Included within this project are multiple lines listed below that will be analyzed to reduce/possibly eliminate flooding at Ramsey Street: West Pershing Channel Line K, East Pershing Channel Line L and Lateral L-1, West Pershing Channel Line K-1 and Banning MDP Line I (at Ramsey). However, due to the anticipated construction of Smith Creek Regional Basin (upstream of this system), the need for West Pershing Channel Line K-1 and Banning MDP Line I (at Ramsey) will be evaluated at the onset of the design phase for the projects. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

The District has started preparing the Project Charter, which will identify the project scope, objectives and potential alternatives and obtain topographic mapping of the project site.

Zone 5
Report to the Zone Commissioners
November 2024

Active Partner-Led Projects

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

Calimesa MDP Study (5-6-10002-00)

This is a City of Calimesa (City)-led design project to prepare the Master Drainage Plan study for all areas of the city of Calimesa. The City of Calimesa will additionally work in collaboration with Yucaipa Valley Water District to identify the feasibility of water conservation and groundwater recharge during the preparation of the city-wide master drainage plan.

The City indicated that they intend to initiate this study during the current fiscal year, however, there are no updates at this time.

San Gorgonio Integrated Regional Watershed Management (IRWM) (5-6-10027-00)

This is a City of Banning-led effort to identify and implement water management solutions on a regional scale. The project will include activities to support close coordination with project proponents, the District, Regional Water Management Group members and other stakeholders. Cost includes project management of the San Gorgonio IRWM Plan, including close coordination with all key stakeholders.

District representatives attend the San Gorgonio Pass Water Alliance Meeting every other month. Budget allocated for grant assistance and updates to ground water management plans.

Calimesa Channel, Stage 3 (5-8-00160-03)

This is a City of Calimesa (City)-led project that will provide flood protection and reduce erosion along Calimesa Creek and adjacent public facilities. Storm flows are generally conveyed from east to west. This project will be broken up into two phases. Phase 1 will include approximately 1,700 feet of storm drain located within County Line Road. However, Phase 1 will be sealed to prevent operation until the construction of Phase 2 is complete. Phase 2 will include three elements: 1) a 53-acre detention basin near the southwest corner of 3rd Street and County Line Road, 2) a storm drain to connect the existing Calimesa Channel outlet near 5th Street to the Phase 1 storm drain and 3) construction of the outlet for the entire system located 300 feet west of the intersection of Calimesa Boulevard and County Line Road. When completed, the system will collect flows near 5th Street and convey them westerly toward Calimesa Boulevard. The City will be responsible for operation and maintenance of the system in the interim when Phase 1 is constructed. The District will be responsible for operation and maintenance of the entire system once Phase 2 is complete. South Mesa Water District will be responsible for maintenance of the water quality aspects of the basin. This project is funded as a cost share between the District, the City and an Environmental Protection Agency grant.

The District has completed plan check review of 90% plans for Phase 1 and provided comments to the City to address.

Gilman Home Channel, Stage 6 (5-8-00170-06)

This Banning Unified School District (BUSD)-led project will alleviate flooding to the existing Banning High School as well as facilitate future campus expansion. The project extends the existing Gilman Home Channel, Stage 2 southerly approximately 2,000 feet along the westerly boundary of Banning High School. The proposal is to replace the existing natural channel with a reinforced concrete box and/or a

Zone 5
Report to the Zone Commissioners
 November 2024

concrete trapezoidal channel. The District will be responsible for operation and maintenance of the facility. The District is funding the cost to design and construct a concrete-lined open trapezoidal channel. Any excess costs to construct an underground box storm drain through the school site will be funded by BUSD.

Based on recent discussion with BUSD, coordination with the adjacent developer (Rancho San Gorgonio) as part of constructing this project will be explored. The District is reserving funds and will coordinate on the potential of public/private partnership pending the extent of Rancho San Gorgonio's scope to protect the wash as part of their conditions of approval and negotiations with BUSD and the City of Banning.

Gilman Home Channel, Stage 7 (5-8-00170-07)

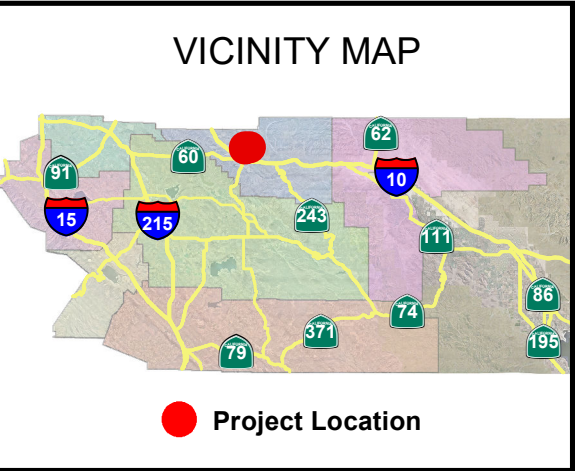
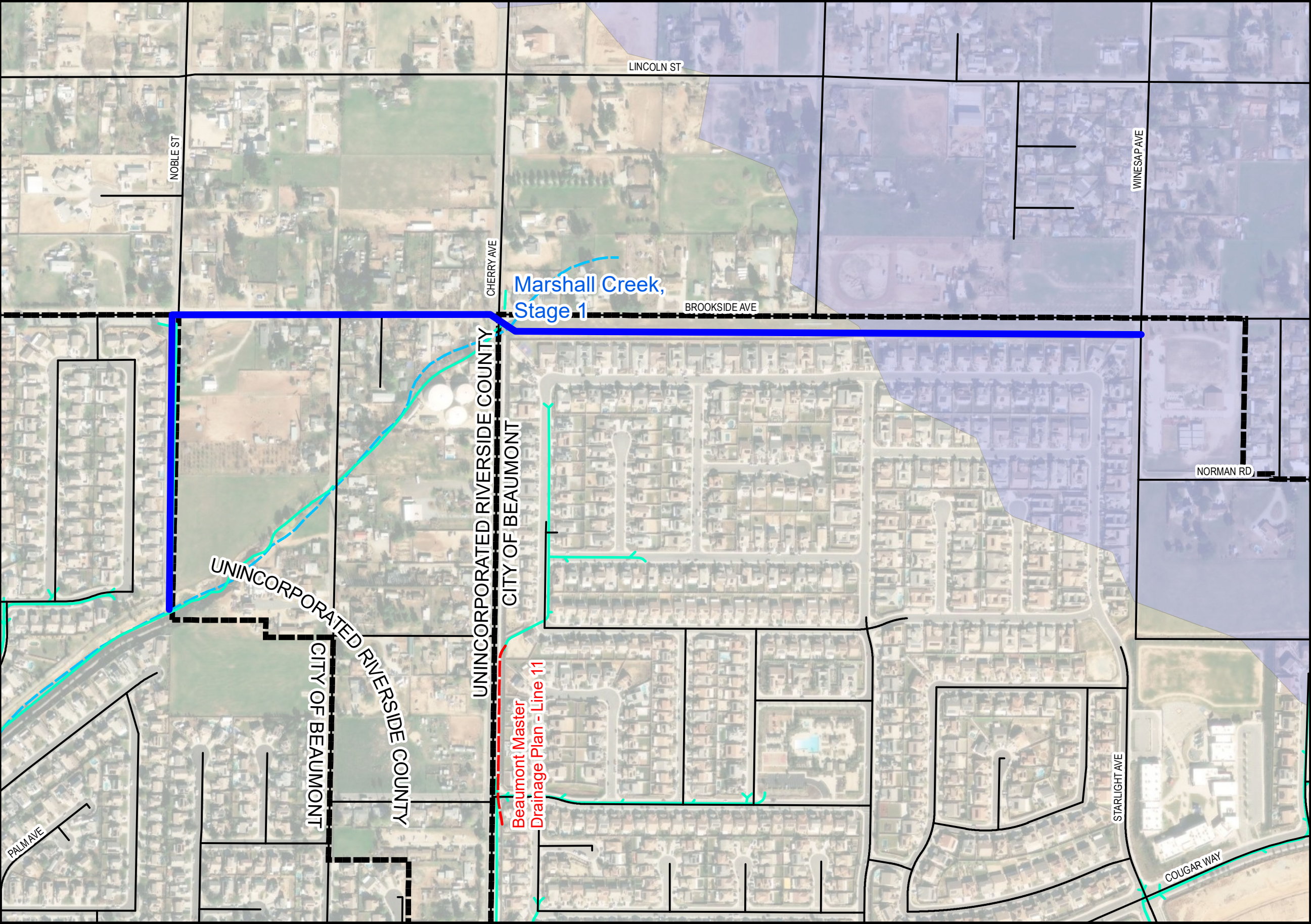
This Banning Unified School District (BUSD)-led project will provide an adequate outlet for the Gilman Home Channel, Stage 6 project and alleviate flooding at the KOA Campground at San Gorgonio Avenue and Wesley Street. The project extends the proposed Gilman Home Channel, Stage 6 project approximately 1,000 feet south along the westerly boundary of the campground. The proposal is to replace the existing natural channel with a trapezoidal channel. The District will be responsible for operation and maintenance of the channel. The District is fully funding the construction of a concrete trapezoidal channel.

Based on recent discussion with BUSD, coordination with the adjacent developer (Rancho San Gorgonio) as part of constructing this project will be explored. The District is reserving funds and will coordinate on the potential of public/private partnership pending the extent of Rancho San Gorgonio's scope to protect the wash as part of their conditions of approval and negotiations with BUSD and the City of Banning.

Beaumont MDP Line 2, Stage 1 (5-8-00195-01)

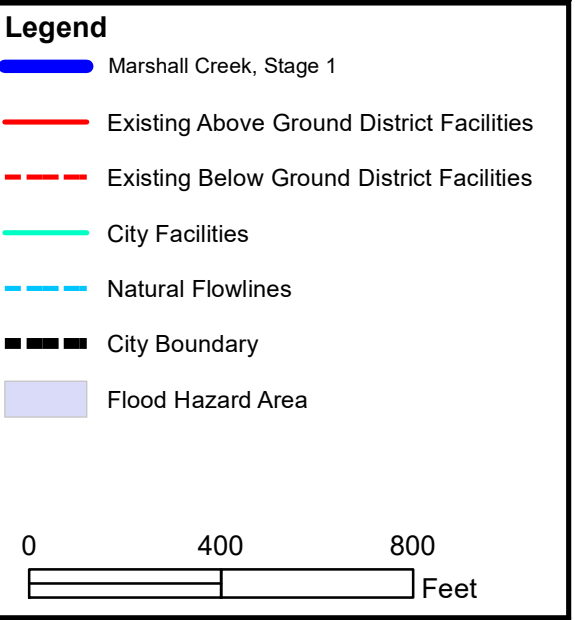
This City of Beaumont (City)-led project will collect storm flows beginning at Chestnut Avenue and 6th Street and convey them in an underground storm drain system east along 6th Street, then south along Pennsylvania Avenue past Interstate 10 where the flows will then outlet into an existing developer constructed open channel located east of the intersection of First Street and Berkshire Avenue. The project will construct 4,800 feet of storm drain, which will provide flood protection to the surrounding community. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

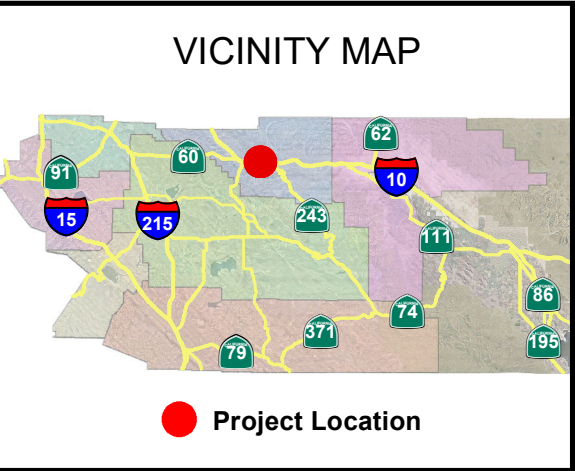
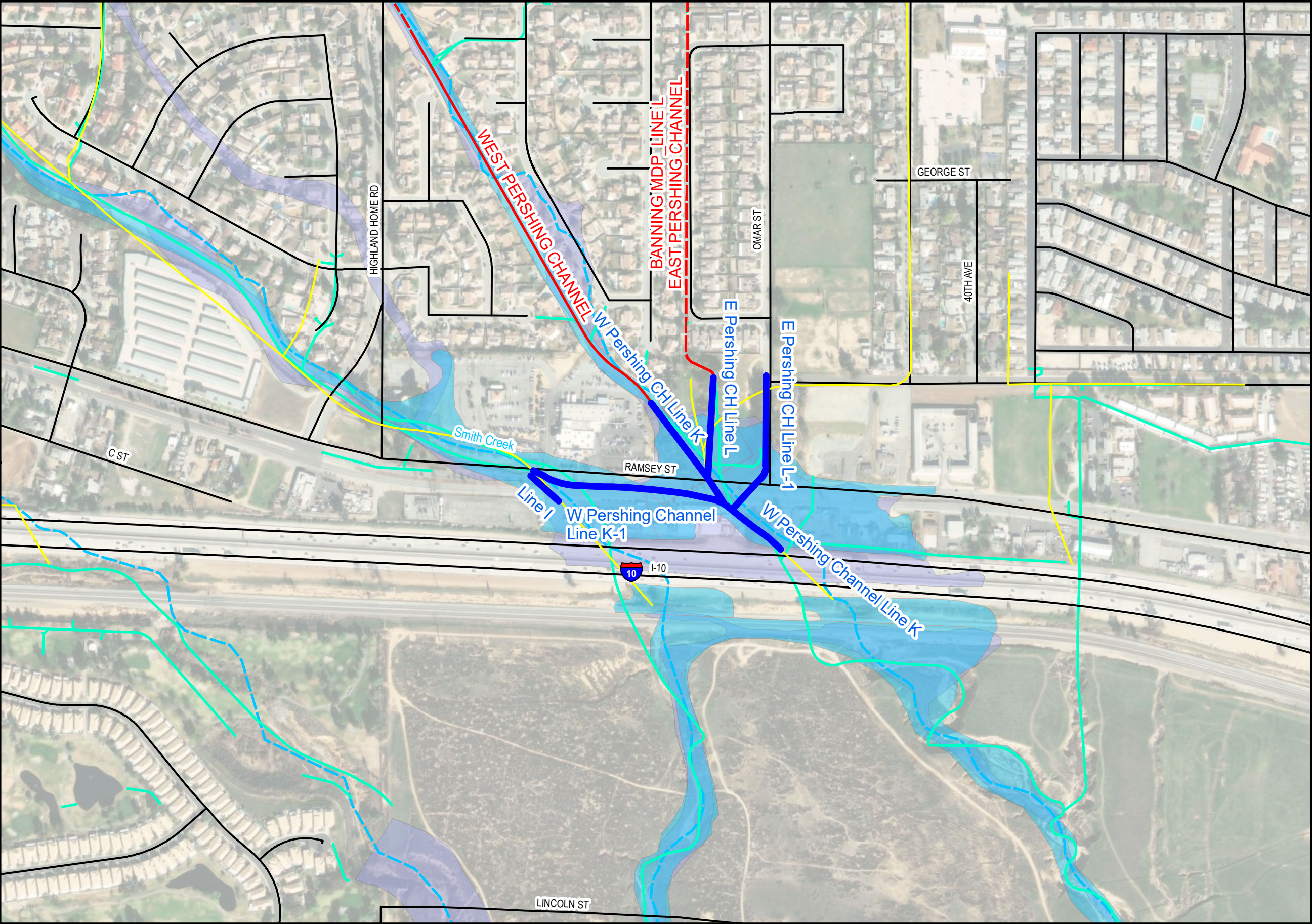
The City has finalized the hydrology report and is currently working on the design.



Description

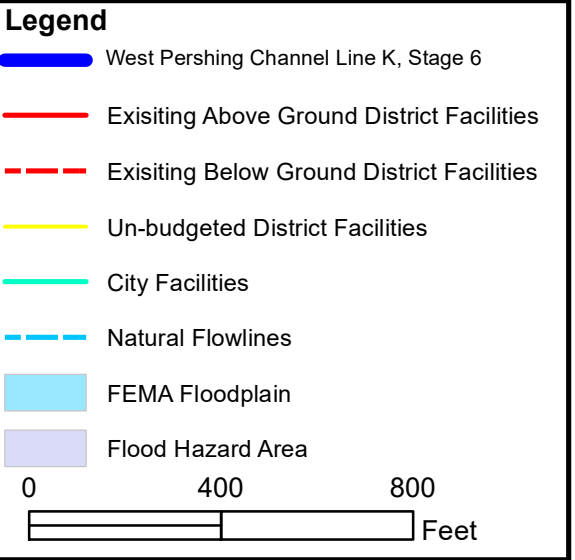
This is a District-led storm drain improvement project in unincorporated Riverside County that will collect runoff at the intersection of Brookside and Cherry Avenues and convey it west/southwest into the existing Marshall Creek Channel south of Shane Lane, owned by the City of Beaumont. The project is anticipated to consist of approximately 5,000 feet of improvements, including a combination of open channel and underground storm drains. The primary objective of this project is to improve flood protection to the intersection of Brookside and Cherry Avenues and enable future extensions of Marshall Creek Channel. The overall system of Marshall Creek Channel (including future stages) will result in 100-year flood protection to the community along the alignment. The District will be responsible for the operation and maintenance of the storm drain improvements.

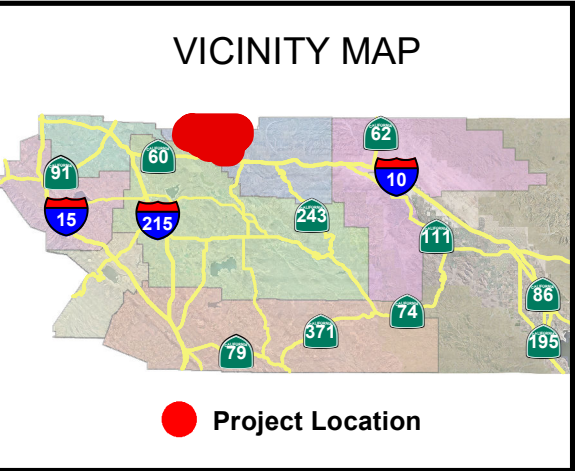
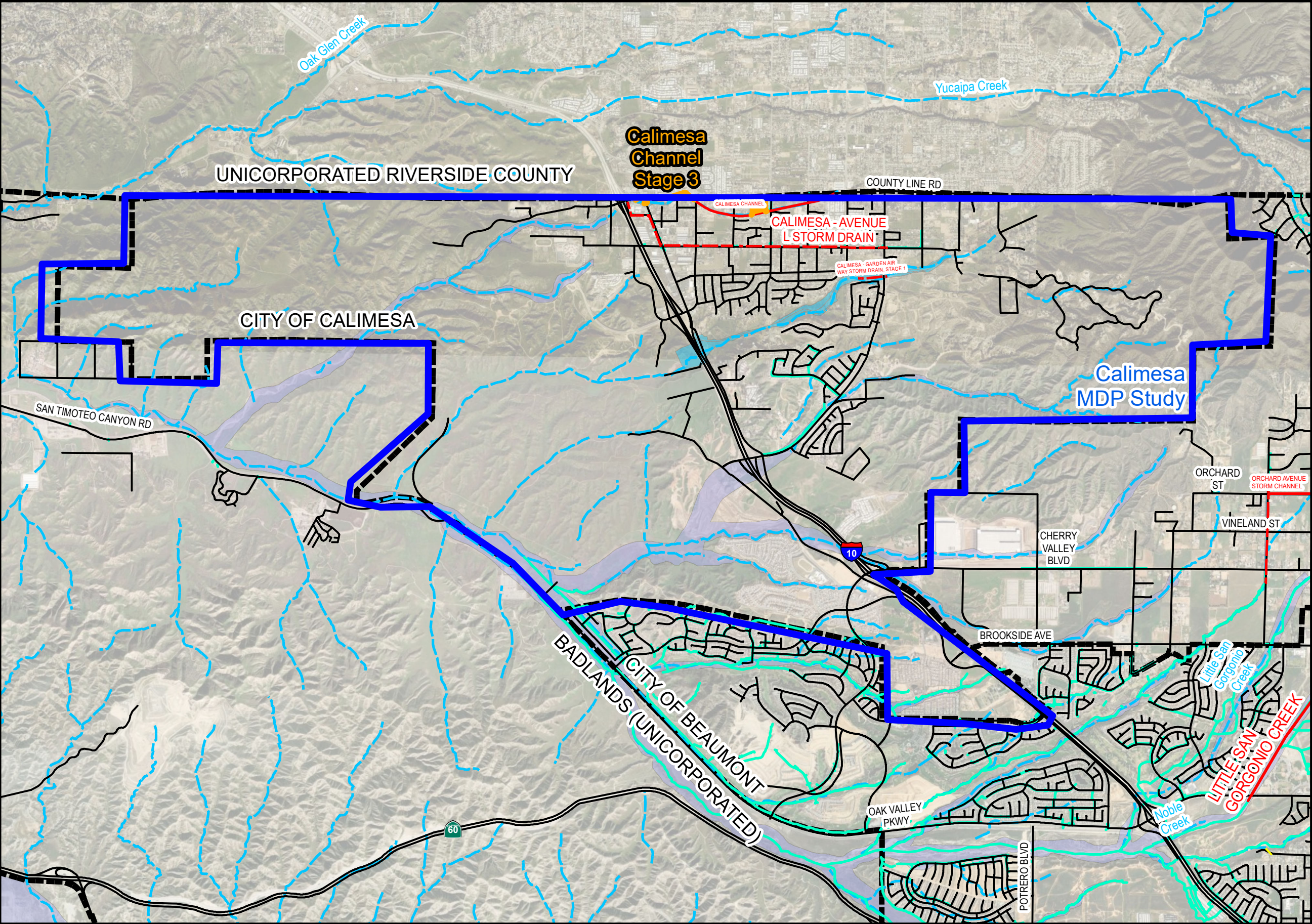




Description

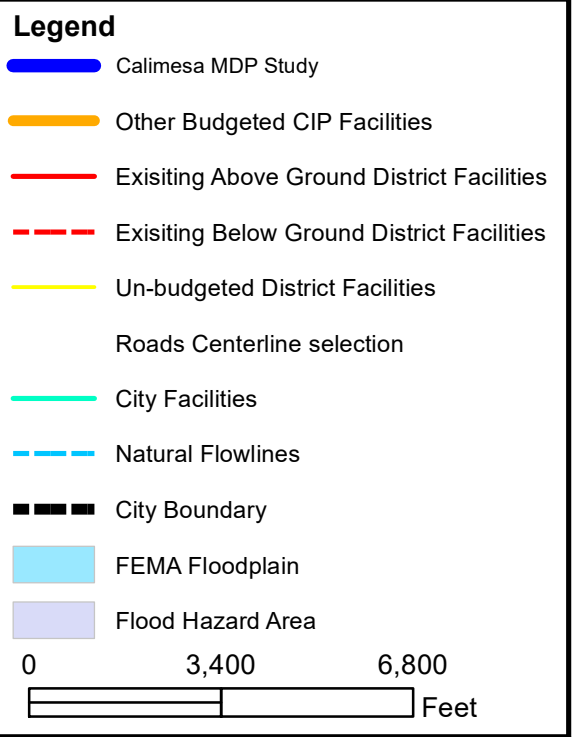
This is a District-led project to provide flood protection to Ramsey Street between Highland Home Road and Omar Street in the city of Banning. The project will also provide flood protection to businesses in the project vicinity and possibly reduce Federal Emergency Management Agency (FEMA) mapped Zone A floodplain. Included within this project are multiple lines listed below that will be analyzed to reduce/possibly eliminate the flooding at Ramsey Street: West Pershing Channel Line K, East Pershing Channel Line L and Lateral L-1, West Pershing Channel Line K-1 and Banning MDP Line I (at Ramsey). However, due to the anticipated construction of Smith Creek Regional Basin (upstream of this system), the need for West Pershing Channel Line K-1 and Banning MDP Line I (at Ramsey) will be evaluated at the onset of the design phase for the projects. The District will be responsible for operation and maintenance of the facility.

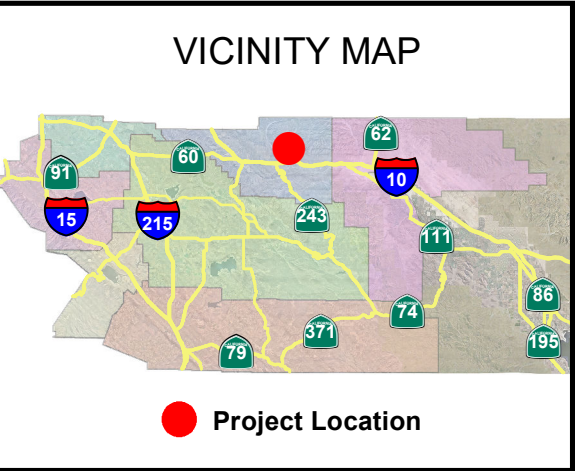
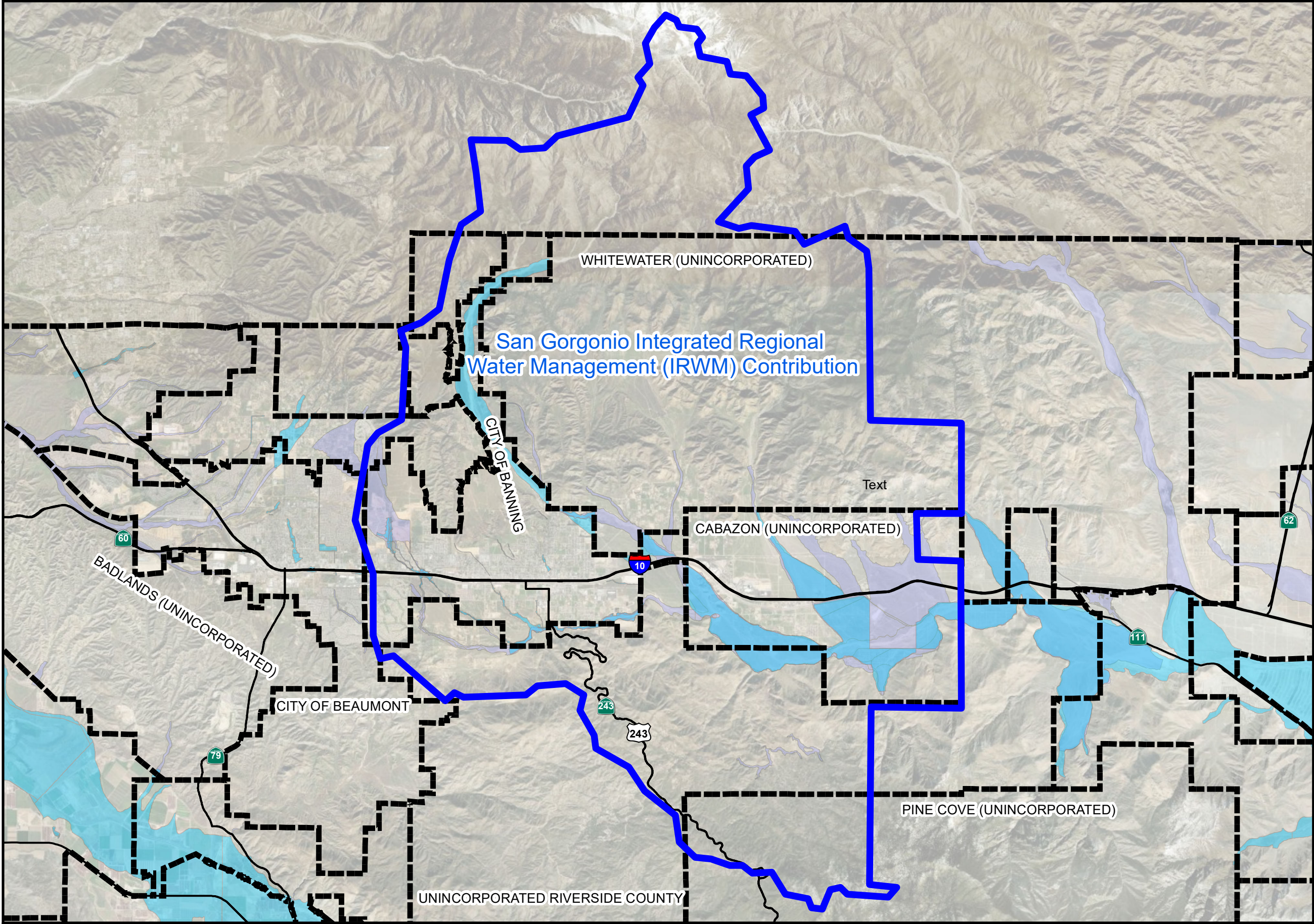




Description

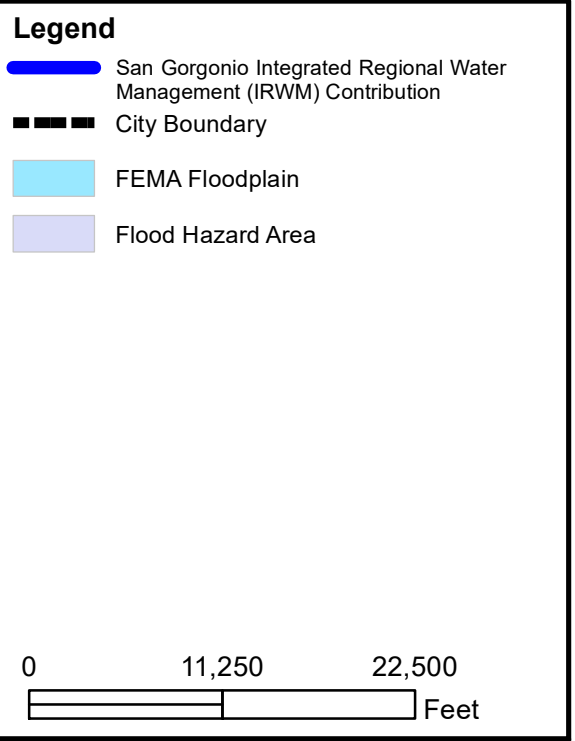
This is a City of Banning-led effort to identify and implement water management solutions on a regional scale. The project will include activities to support close coordination with project proponents, the District, Regional Water Management Group Members and other stakeholders. Cost includes project management of the San Geronio IRWM Plan, including close coordination with all key stakeholders.




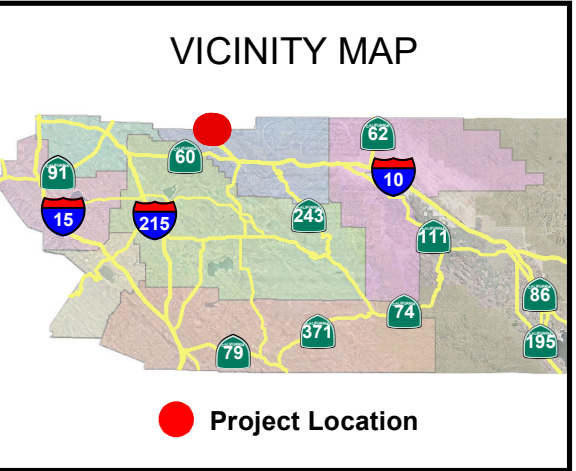
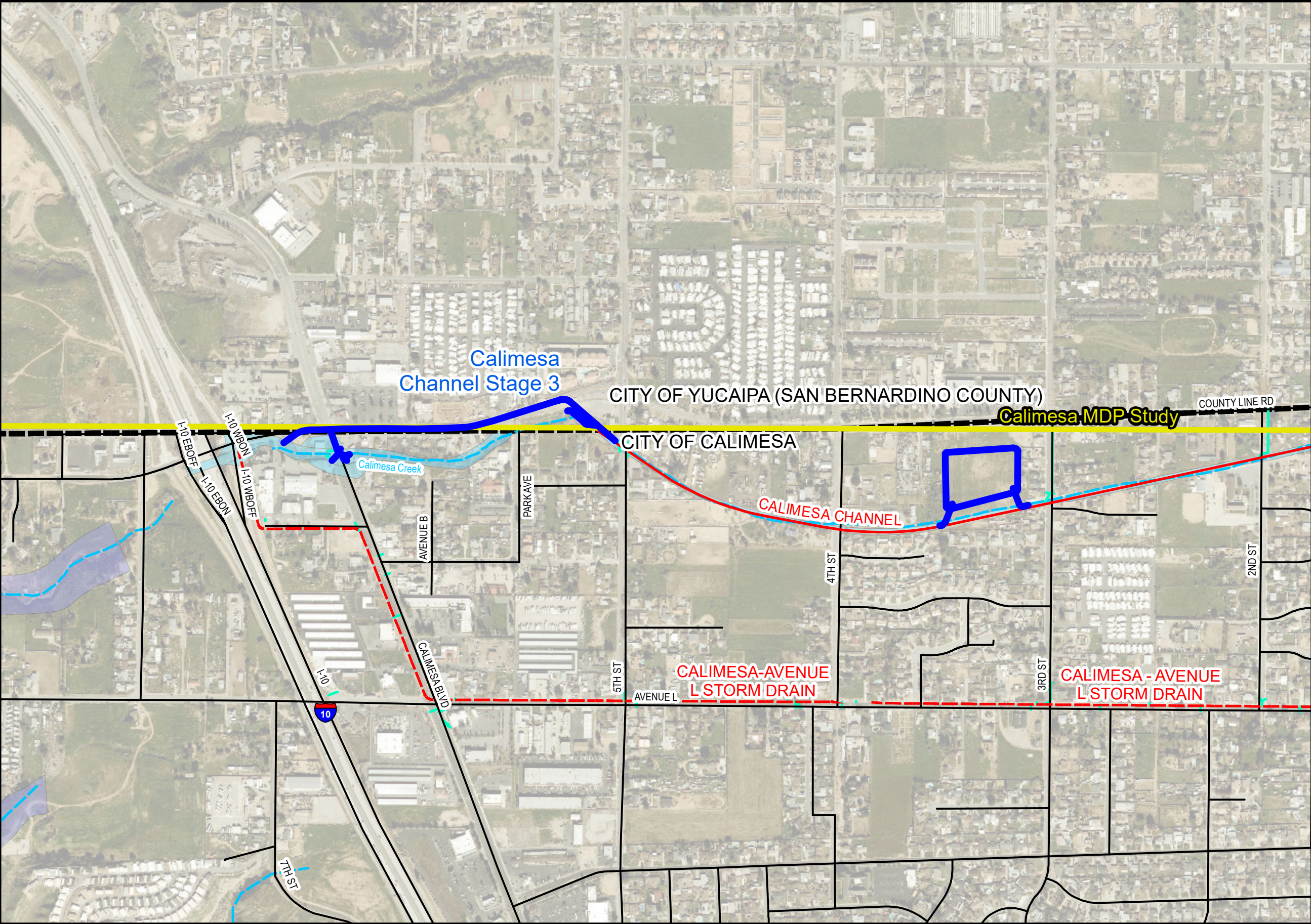


Description

This is a City of Banning-led effort to identify and implement water management solutions on a regional scale. The project will include activities to support close coordination with project proponents, the District, Regional Water Management Group Members and other stakeholders. Cost includes project management of the San Gorgonio IRWM Plan, including close coordination with all key stakeholders.

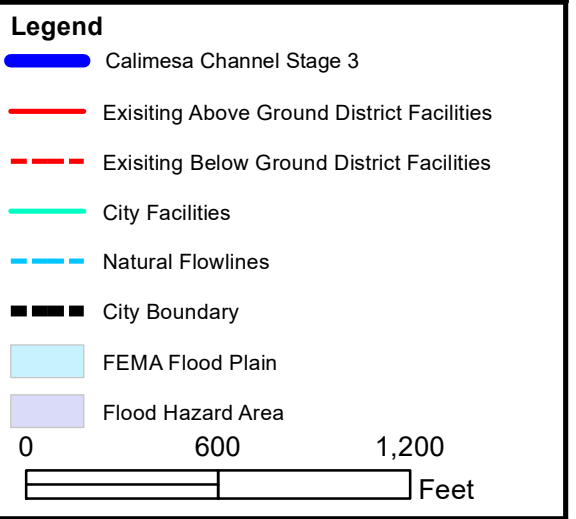


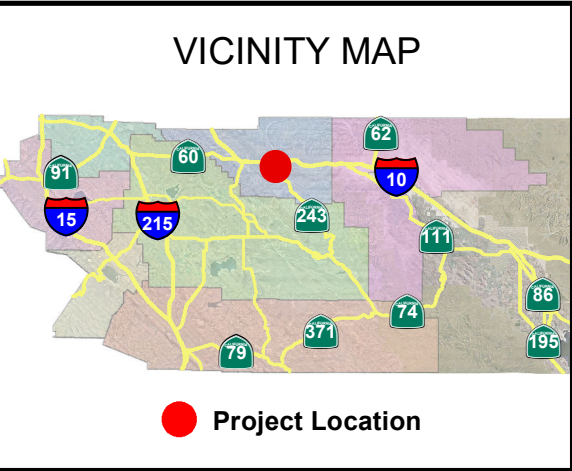
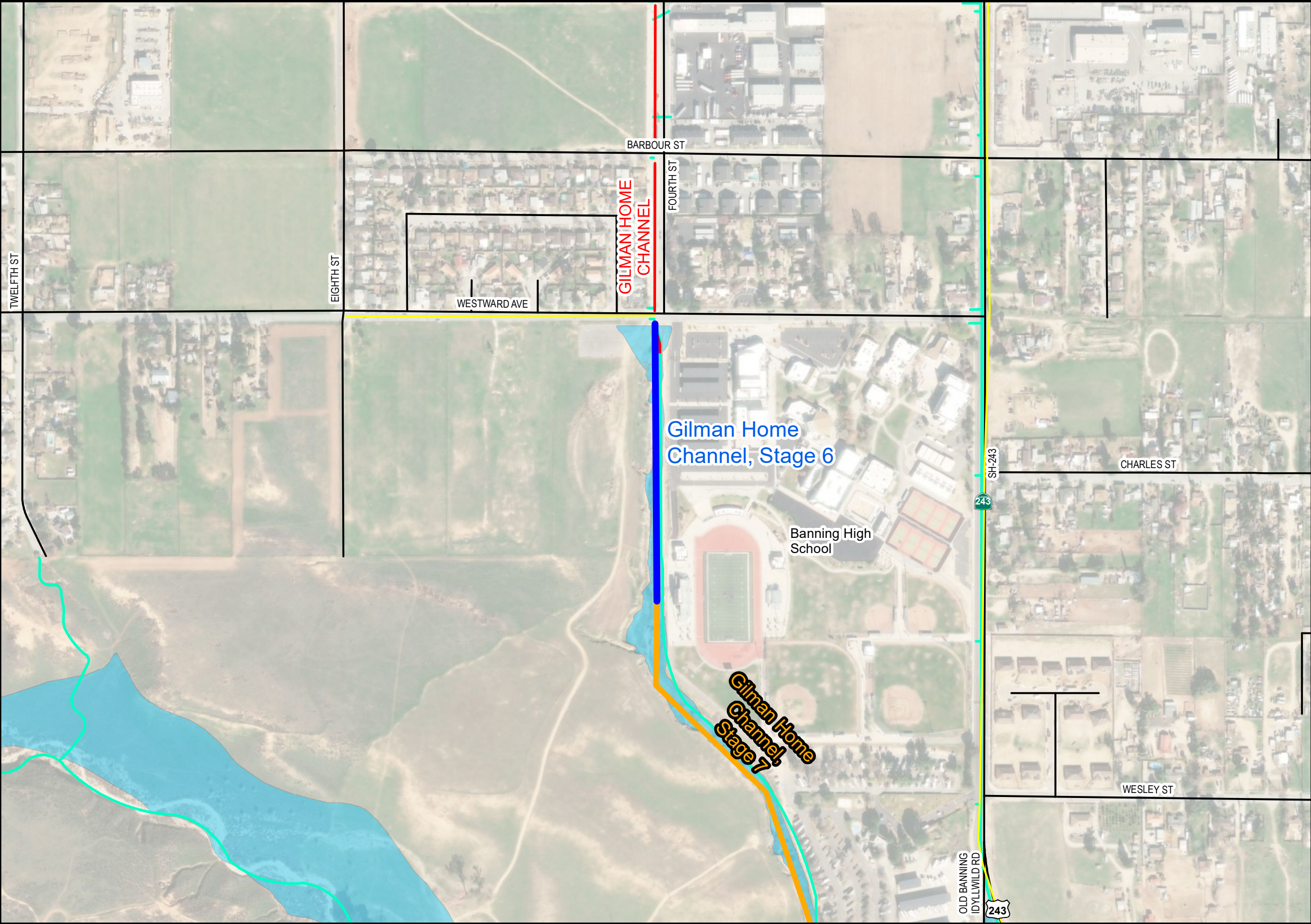
	Project No.	5-6-10027-00
	Engineer	A. Wells
	Date Created	6/18/2024



Description

This is a City of Calimesa-led project that will provide flood protection and reduce erosion along Calimesa Creek and adjacent public facilities. Storm flows are generally conveyed from east to west. This project will be broken up into two phases. Phase 1 will include approximately 1,700 feet of storm drain located within County Line Road. However, Phase 1 will be sealed to prevent operation until the construction of Phase 2 is complete. Phase 2 will include three elements: 1) a 53-acre detention basin near the southwest corner of 3rd Street and County Line Road, 2) a storm drain to connect the existing Calimesa Channel outlet near 5th Street to the Phase 1 storm drain and 3) construction of the outlet for the entire system located 300 feet west of the intersection of Calimesa Boulevard and County Line Road. When completed, the system will collect flows near 5th Street and convey them westerly toward Calimesa Boulevard. The City of Calimesa will be responsible for operation and maintenance of the system in the interim when Phase 1 is constructed. The District will be responsible for operation and maintenance of the entire system once Phase 2 is complete. South Mesa Water District will be responsible for maintenance of the water quality aspects of the basin.

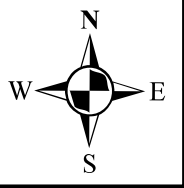
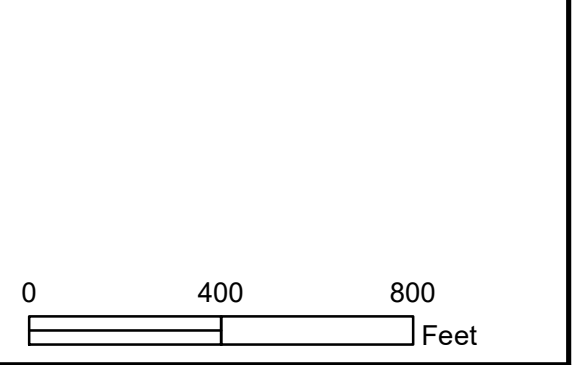




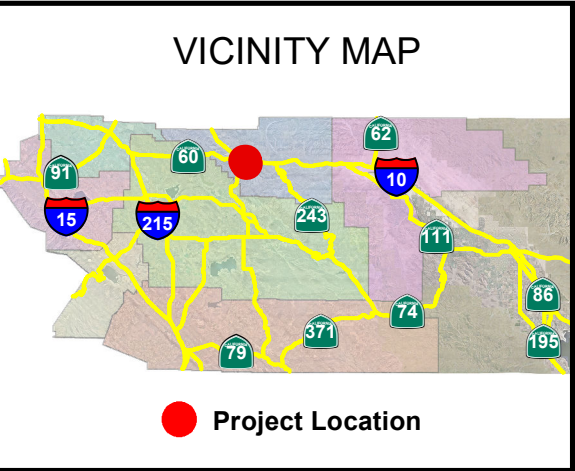
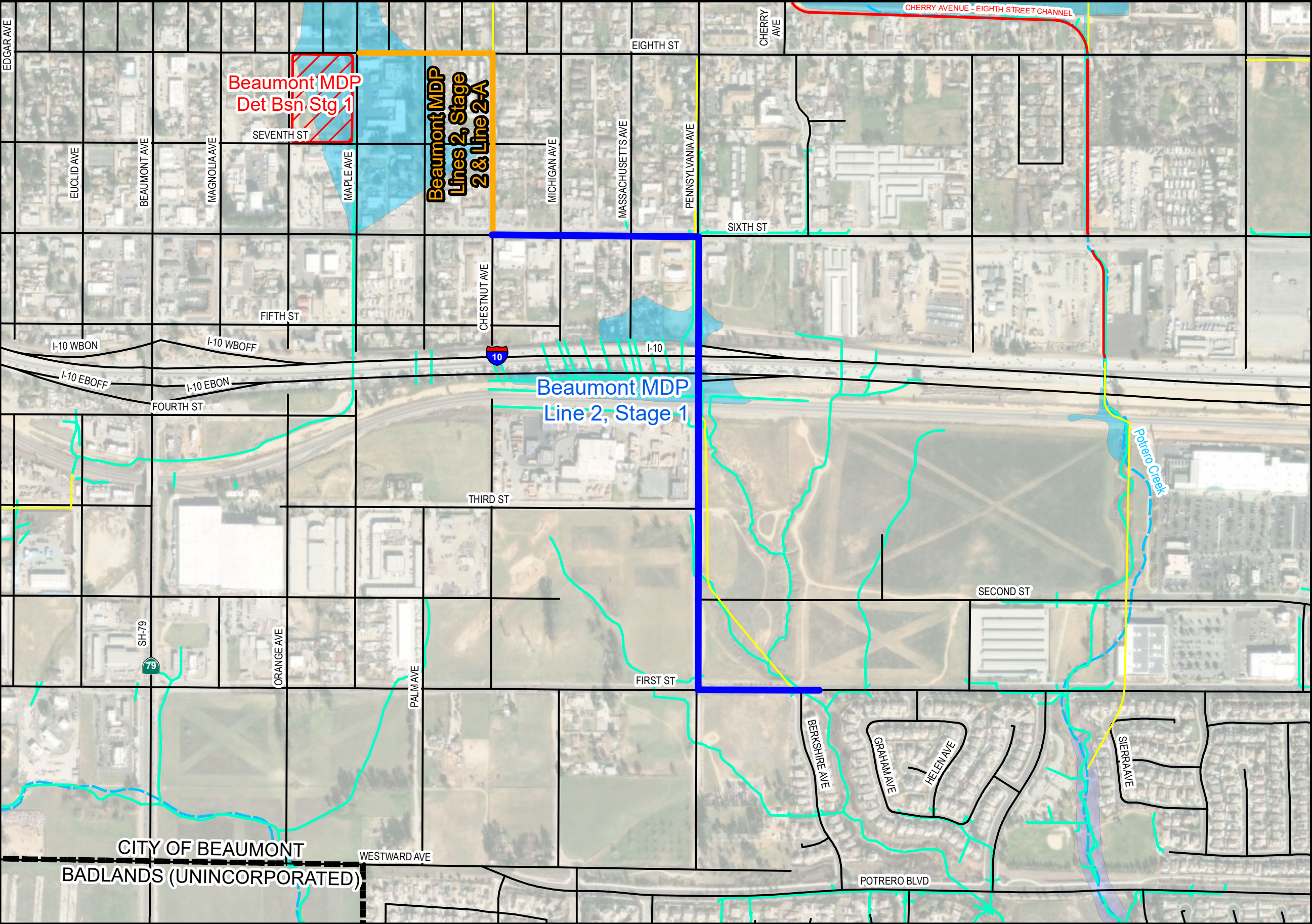
Description

This Banning Unified School District-led project will alleviate flooding to the existing Banning High School as well as facilitate future campus expansion. The project extends the existing Gilman Home Channel, Stage 2 southerly approximately 2,000 feet along the westerly boundary of Banning High School. The proposal is to replace the existing natural channel with a reinforced concrete box and/or a concrete trapezoidal channel. The District will be responsible for operation and maintenance of the facility.

- Legend**
- Gilman Home Channel, Stage 6
 - Existing Above Ground District Facilities
 - Other Budgeted CIP Facilities
 - Un-budgeted District Facilities
 - City Facilities
 - FEMA Floodplain

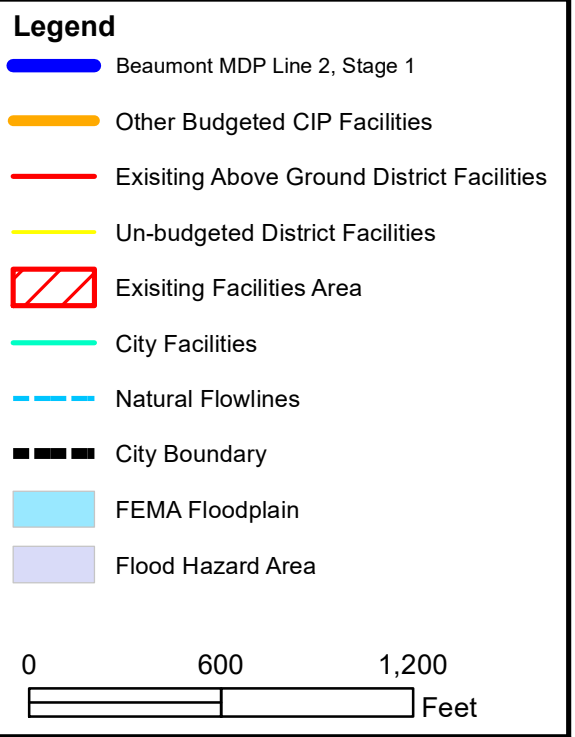


Project No.	5-8-00170-06
Engineer	A. Wells
Date Created	6/17/2024



Description

This City of Beaumont-led project will collect storm flows beginning at Chestnut Avenue and 6th Street and convey them in an underground storm drain system east along 6th Street, then south along Pennsylvania Avenue past the Interstate 10 Freeway where the flows will then outlet into an existing developer constructed open channel located east of the intersection of First Street and Berkshire Avenue. The project will construct 4,800 feet of storm drain, which will provide flood protection to the surrounding community. The District will be responsible for operation and maintenance of the facility.



ZONE 5

DEBBIE FRANKLIN, 5th District
MICHAEL VALDIVIA, 5th District
WILLIAM "BILL" DAVIS, 5th 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 \$13,159,566

JUNE 30, 2024 \$19,611,282

Property Taxes (5 year trend)



Uses

(How the money is used)

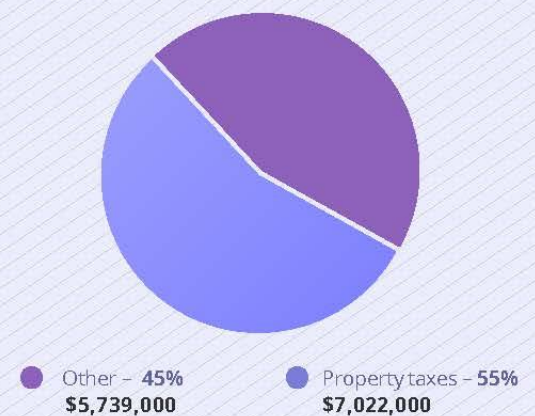
TOTAL \$6,309,000



Sources

(Where the money comes from)

TOTAL \$12,761,000



ZONE 5

DEBBIE FRANKLIN, 5th District

MICHAEL VALDIVIA, 5th District

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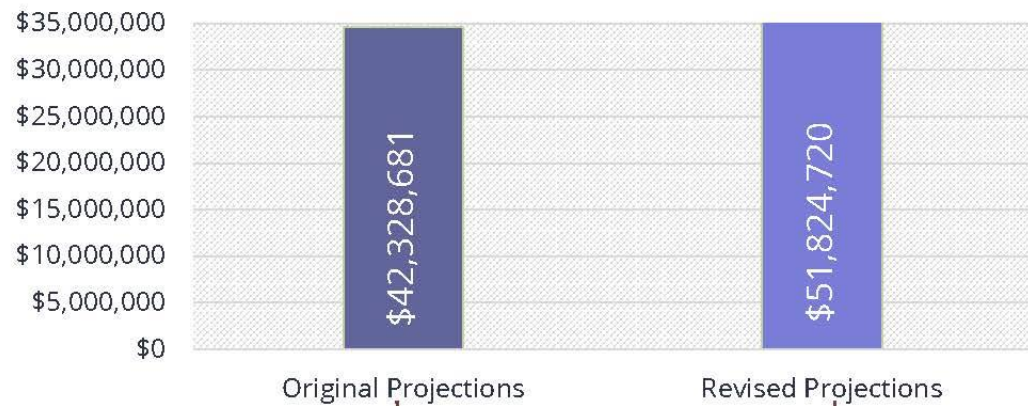
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**Forecasting
FY25-26 thru FY29-30**

Original Projections vs. Revised Projections Additional Funding Available

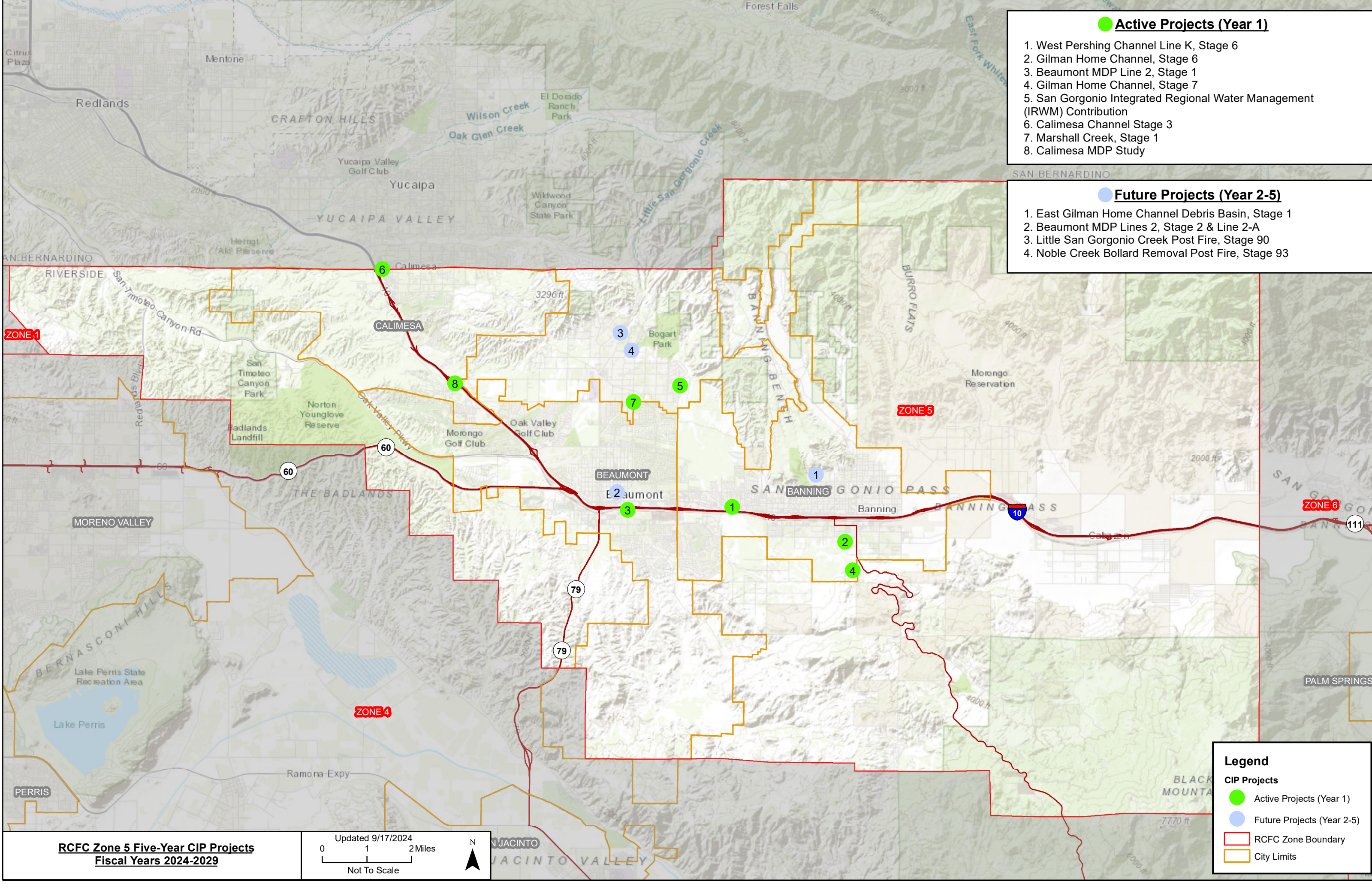


**Projected
Increase in
Funding
\$9,496,000**



**5th Year
Additional
Funding
\$3,333,000**

**Forecasting \$12,829,000 funding to be available for Cost Increases
on Existing Projects and New Requests**



- Active Projects (Year 1)**
- 1. West Pershing Channel Line K, Stage 6
 - 2. Gilman Home Channel, Stage 6
 - 3. Beaumont MDP Line 2, Stage 1
 - 4. Gilman Home Channel, Stage 7
 - 5. San Gorgonio Integrated Regional Water Management (IRWM) Contribution
 - 6. Calimesa Channel Stage 3
 - 7. Marshall Creek, Stage 1
 - 8. Calimesa MDP Study

- Future Projects (Year 2-5)**
- 1. East Gilman Home Channel Debris Basin, Stage 1
 - 2. Beaumont MDP Lines 2, Stage 2 & Line 2-A
 - 3. Little San Gorgonio Creek Post Fire, Stage 90
 - 4. Noble Creek Bollard Removal Post Fire, Stage 93

Legend

CIP Projects

- Active Projects (Year 1)
- Future Projects (Year 2-5)

RCFC Zone Boundary

City Limits

Zone 5 CIP Budget Hearing

December 5, 2024



For 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



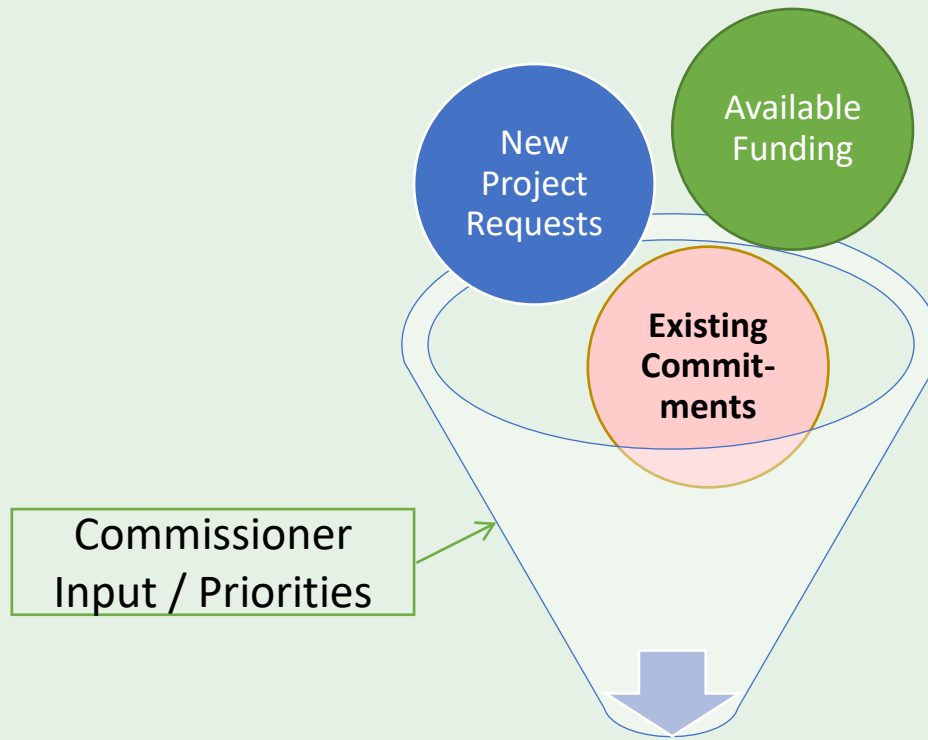
- Riverside County Flood
 - Dams, levees
 - Regional channels and storm drains
- Cities/County
 - Road culverts
 - Smaller storm drains ($\leq 36"$)
 - Catch basins (roadside inlets)
- Rural Property Owners/HOAs
 - Other drainage infrastructure
 - Natural washes



Hearing

New
Project
Requests

Hearing



District Staff Evaluate projects, costs, funding

Workshop





Available
Funding

Darrylenn Prudholme-Brockington

Chief of Finance Division

ZONE 5

DEBBIE FRANKLIN, 5th District

MICHAEL VALDIVIA, 5th District

WILLIAM "BILL" DAVIS, 5th 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 \$13,159,566

JUNE 30, 2024 \$19,611,282

Property Taxes (5 year trend)



Uses

(How the money is used)

TOTAL \$6,309,000



Sources

(Where the money comes from)

TOTAL \$12,761,000



ZONE 5

DEBBIE FRANKLIN, 5th District

MICHAEL VALDIVIA, 5th District

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

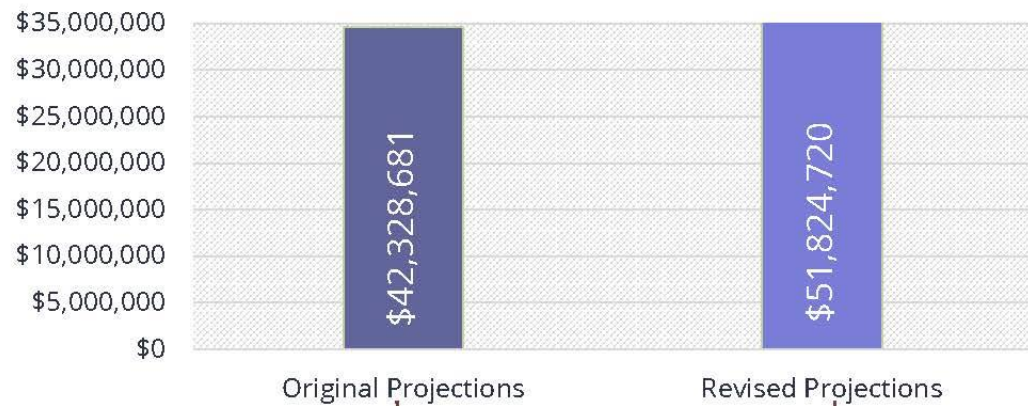
The district must consider public safety above all else, but also strive to develop the most economical project possible consistent with this obligation.

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




**Projected
Increase in
Funding
\$9,496,000**



**5th Year
Additional
Funding
\$3,333,000**

**Forecasting \$12,829,000 funding to be available for Cost Increases
on Existing Projects and New Requests**



**Existing
Commitments**

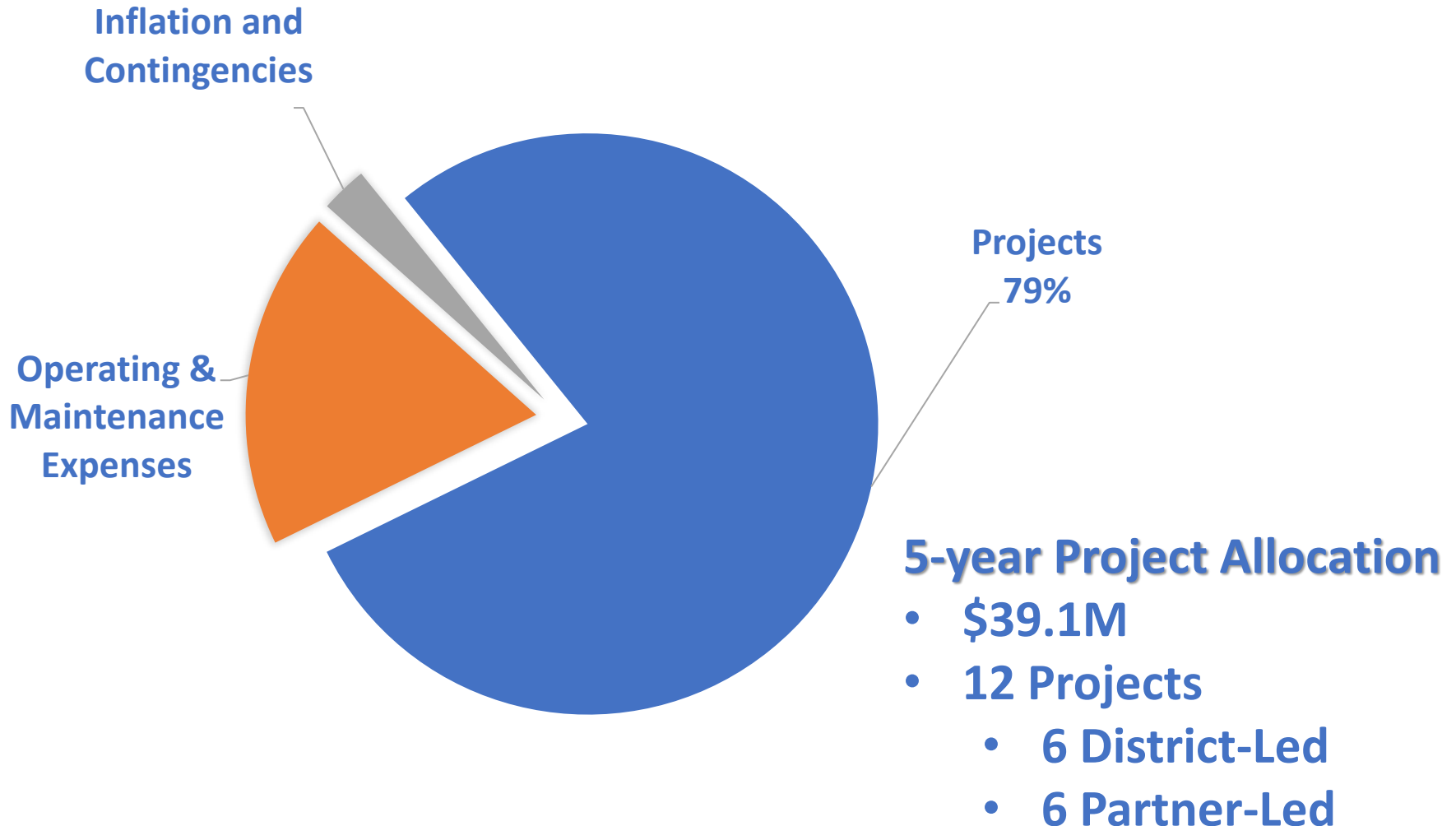


District Projects



Komy Ghods
Chief of Design

5-Year Allocations per CIP



Existing Commitments

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DISTRICT LED PROJECT SUMMARY - ZONE 5 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									
5-8-00080	01	MARSHALL CREEK	\$10,746,860	\$370,700	\$8,129,742	\$8,500,442	\$0	\$0	(\$2,246,418) ¹
DESIGN & CONSTRUCTION PROJECTS			\$10,746,860	\$370,700	\$8,129,742	\$8,500,442	\$0	\$0	(\$2,246,418)
PLANNING PROJECTS									
5-8-00150	06	WEST PERSHING CHANNEL LINE K	\$12,046,253	\$150,000	\$6,020,253	\$6,170,253	\$0	\$0	(\$5,876,000) ¹
5-8-00010	90	LITTLE SAN GRGNIO CRK POST FIR	500,000	0	500,000	500,000	0	0	0
5-8-00020	93	NOBLE CRK BOLLARD REM POST FIR	750,000	0	750,000	750,000	0	0	0
5-8-09027	01	EAST GILMAN HOME CH DB	3,474,777	0	1,121,195	1,121,195	0	0	(2,353,582)
5-8-09031	02	BEAUMONT MDP LN 2 STG 2 & 2-A	3,554,793	0	2,837,296	2,837,296	0	0	(717,497) ¹
PLANNING PROJECTS			\$20,325,823	\$150,000	\$11,228,744	\$11,378,744	\$0	\$0	(\$8,947,079)
ZONE 5 DISTRICT LED PROJECT TOTALS			\$31,072,683	\$520,700	\$19,358,486	\$19,879,186	\$0	\$0	(\$11,193,497)

¹ - District unfunded balance

² - Cost share - Funded by third party

FIVE-YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2024: \$12,015,527

REVENUE:

Taxes	\$37,212,748
Interest	\$910,999
Subtotal Revenue	\$38,123,747
External Contribution	\$0
Total Five Year Revenue	\$38,123,747
Total Funds Available	\$50,139,274

APPROPRIATIONS:

District Led Project Appropriations	\$19,879,186
Partner Led Project Appropriations	\$19,248,647
Capital Project Cost Inflation	\$596,376
Operating & Maintenance Expenses	\$9,375,766
Contingencies	\$691,790
Total Five Year Appropriations	\$49,791,765
ENDING FUND BALANCE - JUNE 30, 2029:	\$347,509

Existing Commitments

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT PARTNER LED PROJECT SUMMARY - ZONE 5 FISCAL YEARS 2024-25 THROUGH 2028-29

Project Number	Stg No.	Project Title	Project Cost	Appropriations				Funding Sources			Total NOT District Funded
			Total	FY 2024-25		FY 2026-29		5-Year Total			
			Remaining Cost	District Dlrct Cost	Contribution to Partner Agency	District Dlrct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	External Contribution	
PARTNER LED CONTRIBUTION PROJECTS											
5-6-10002	00	CALIMESA MDP STUDY	\$300,000	\$0	\$300,000	\$0	\$0	\$300,000	\$0	\$0	\$0
5-6-10027	00	SAN GORGONIO IRWM	140,000	0	30,000	0	110,000	140,000	0	0	0
PARTNER LED CONTRIBUTION PROJECTS			\$440,000	\$0	\$330,000	\$0	\$110,000	\$440,000	\$0	\$0	\$0
PARTNER LED CAPITAL IMPROVEMENT PROJECTS											
5-8-00160	03	CALIMESA CHANNEL STG 3	\$9,978,824	\$460,178	\$8,390,828	\$0	\$0	\$8,851,006	\$0	\$0	(\$1,127,818) 2
5-8-00170	06	GILMAN HOME CHANNEL STG 6	4,335,865	42,015	0	192,571	2,920,979	3,155,565	0	0	(1,180,300) 1
5-8-00170	07	GILMAN HOME CHANNEL STG 7	2,480,669	49,931	0	165,783	1,609,654	1,825,368	0	0	(655,301) 1
5-8-00195	01	BEAUMONT MDP LINE 2 STAGE 1	4,976,708	50,000	315,000	147,815	4,463,893	4,976,708	0	0	0
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			\$21,772,066	\$602,124	\$8,705,828	\$506,169	\$8,994,526	\$18,808,647	\$0	\$0	(\$2,963,419)
ZONE 5 PARTNER LED PROJECT TOTALS			\$22,212,066	\$602,124	\$9,035,828	\$506,169	\$9,104,526	\$19,248,647	\$0	\$0	(\$2,963,419)

1 - District unfunded balance

2 - Cost share - Funded by third party

Zone 5
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.

Active District-Led Projects

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

Marshall Creek, Stage 1 (5-8-00080-01)

This is a District-led storm drain improvement project in unincorporated Riverside County that aims to provide 100-year flood protection to residents, property and infrastructure. The project is anticipated to consist of a 2,500-foot trapezoidal channel located to the south of the street right of way at the intersection of Brookside and Winesap Avenues. The trapezoidal channel will collect and convey flows west along Brookside Avenue before connecting to a proposed reinforced concrete box (RCB) beginning at Brookside Avenue and Cherry Avenue. The RCB will proceed west along Brookside Avenue and turn south at Nobel Street. It will replace the existing trapezoidal concrete channel and outlet into the existing Marshall Creek Channel, both belonging to the City of Beaumont. The overall system of Marshall Creek Channel (including future stages) will result in 100-year flood protection to the community along the alignment. 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 Beaumont.

A Preliminary Design Report is being finalized to analyze proposed alternative alignments and select a preferred alternative. The 30% Improvement Plans are also in progress and are anticipated to be completed in 2025.

West Pershing Channel Line K, Stage 6 (5-8-00150-06)

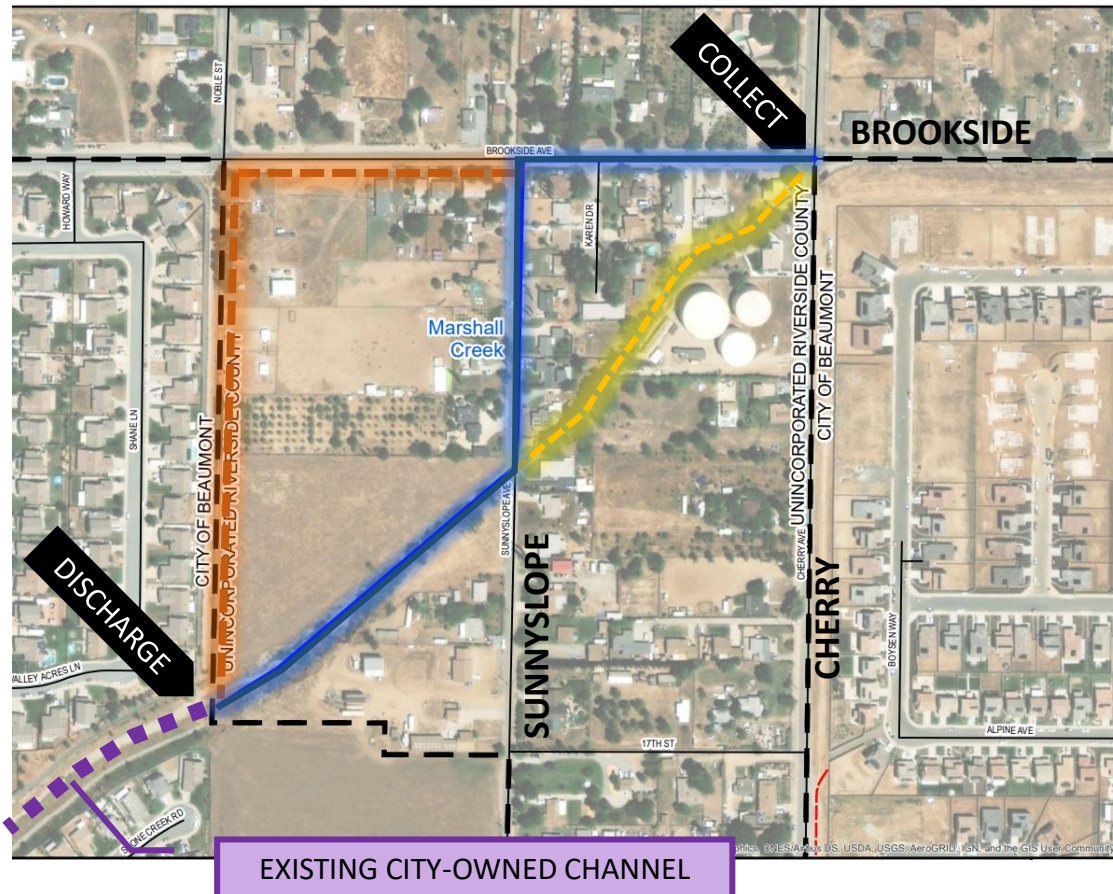
This is a District-led project to provide flood protection to Ramsey Street between Highland Home Road and Omar Street in the city of Banning. The project will also provide flood protection to businesses in the project vicinity and possibly reduce Federal Emergency Management Agency (FEMA) mapped Zone A floodplain. Included within this project are multiple lines listed below that will be analyzed to reduce/possibly eliminate flooding at Ramsey Street: West Pershing Channel Line K, East Pershing Channel Line L and Lateral L-1, West Pershing Channel Line K-1 and Banning MDP Line I (at Ramsey). However, due to the anticipated construction of Smith Creek Regional Basin (upstream of this system), the need for West Pershing Channel Line K-1 and Banning MDP Line I (at Ramsey) will be evaluated at the onset of the design phase for the projects. The District will be responsible for operation and maintenance of the facility. This project is funded by the District.

The District has started preparing the Project Charter, which will identify the project scope, objectives and potential alternatives and obtain topographic mapping of the project site.

Active Projects

Design and Construction

Marshall Creek Channel



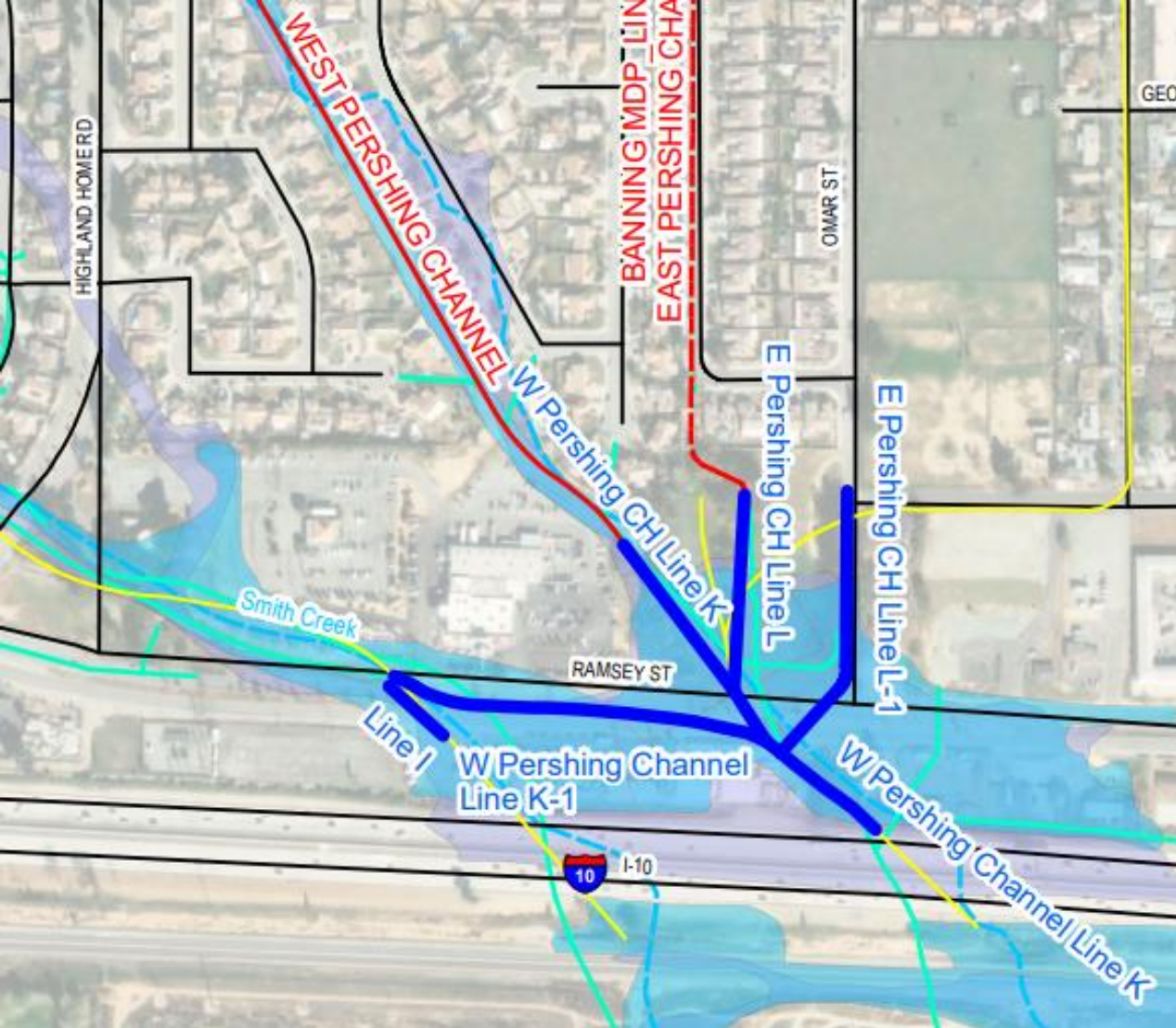
- Alternatives Analysis Underway

- In Active Design now
- Current Estimates \$12.1M


ACTIVE CONSTRUCTION



East Gilman Home Debris Basin



West Pershing Line K, Stage 6
Currently Partially Funded \$6M
City Requests full funding (\$12M)



**Existing
Commitments**

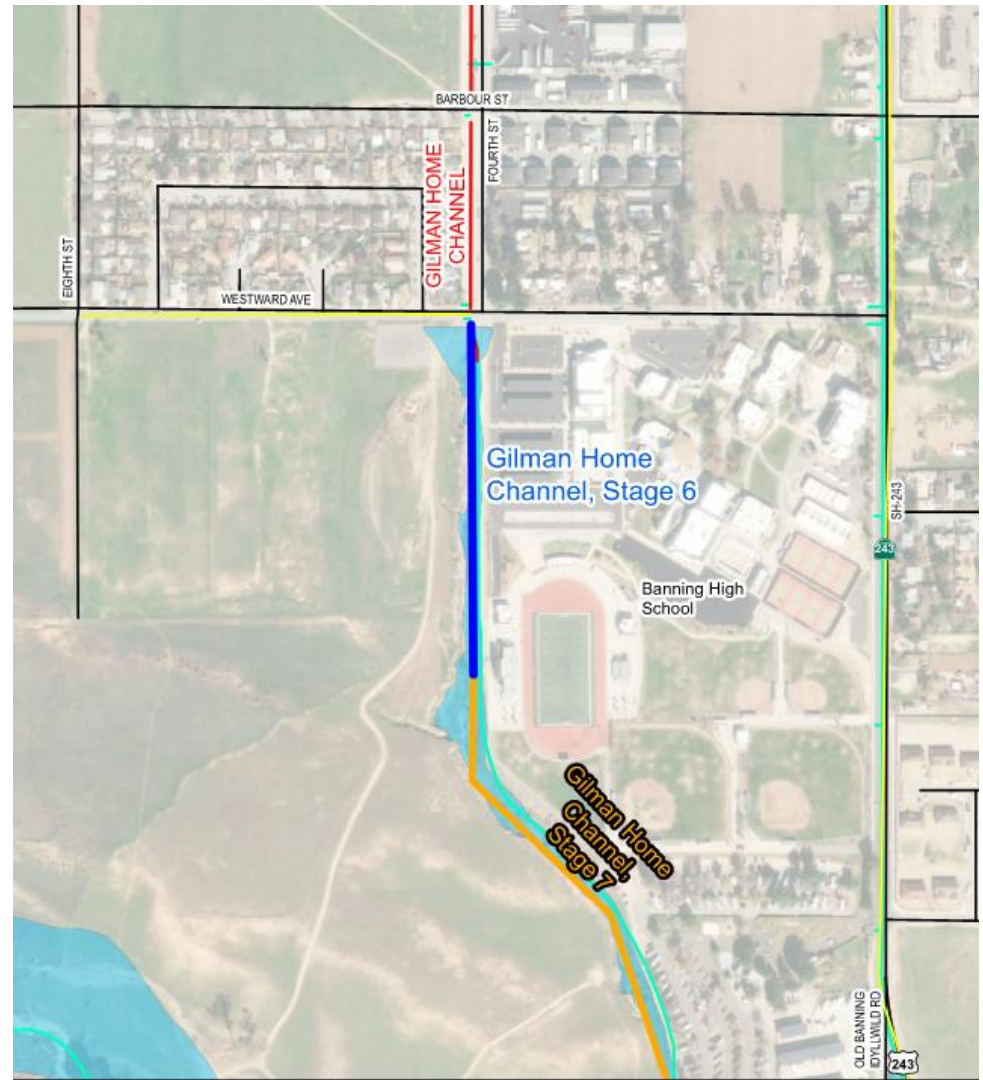


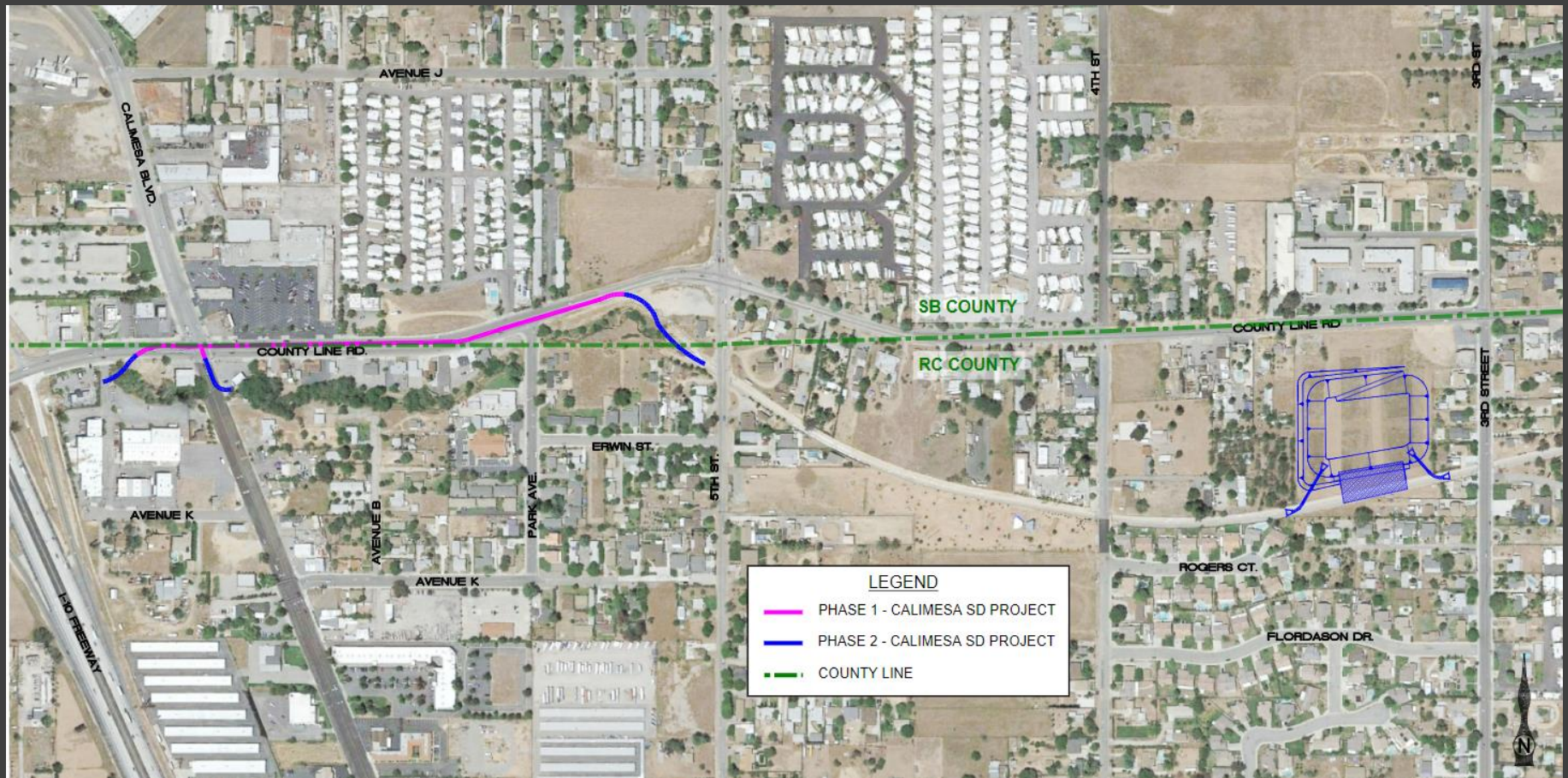
Partner Projects



Rohini S Mustafa
Chief of Planning

Gilman Home Channel Stages 6 and 7



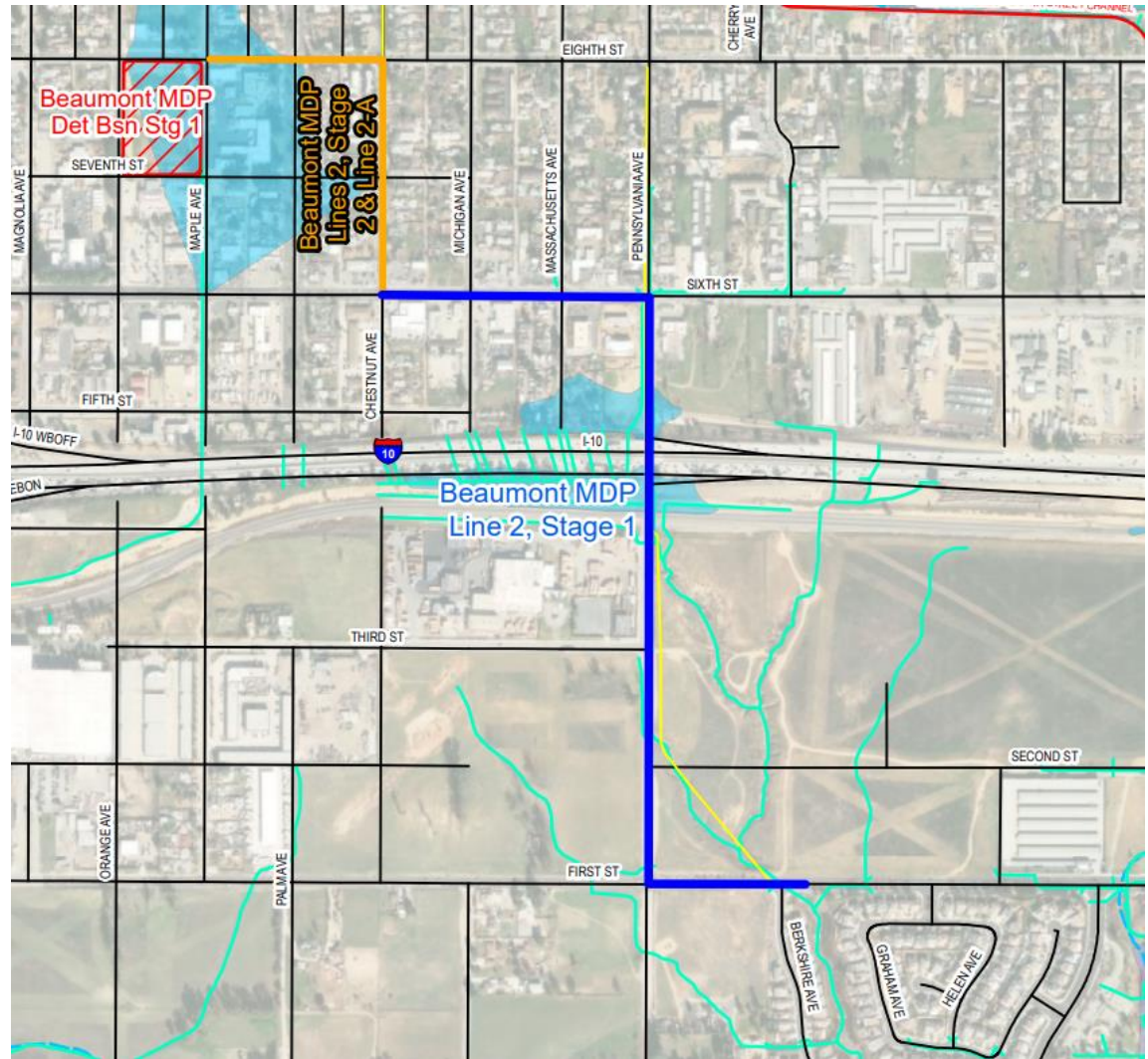


Calimesa Channel Stage 3

- 90% design plans
- Construction phasing prioritized within street right of way
- Current Total allocation: \$8.8M, additional \$6M Needed
- New Total: \$14.9M

Beaumont MDP Line 2, Stage 1

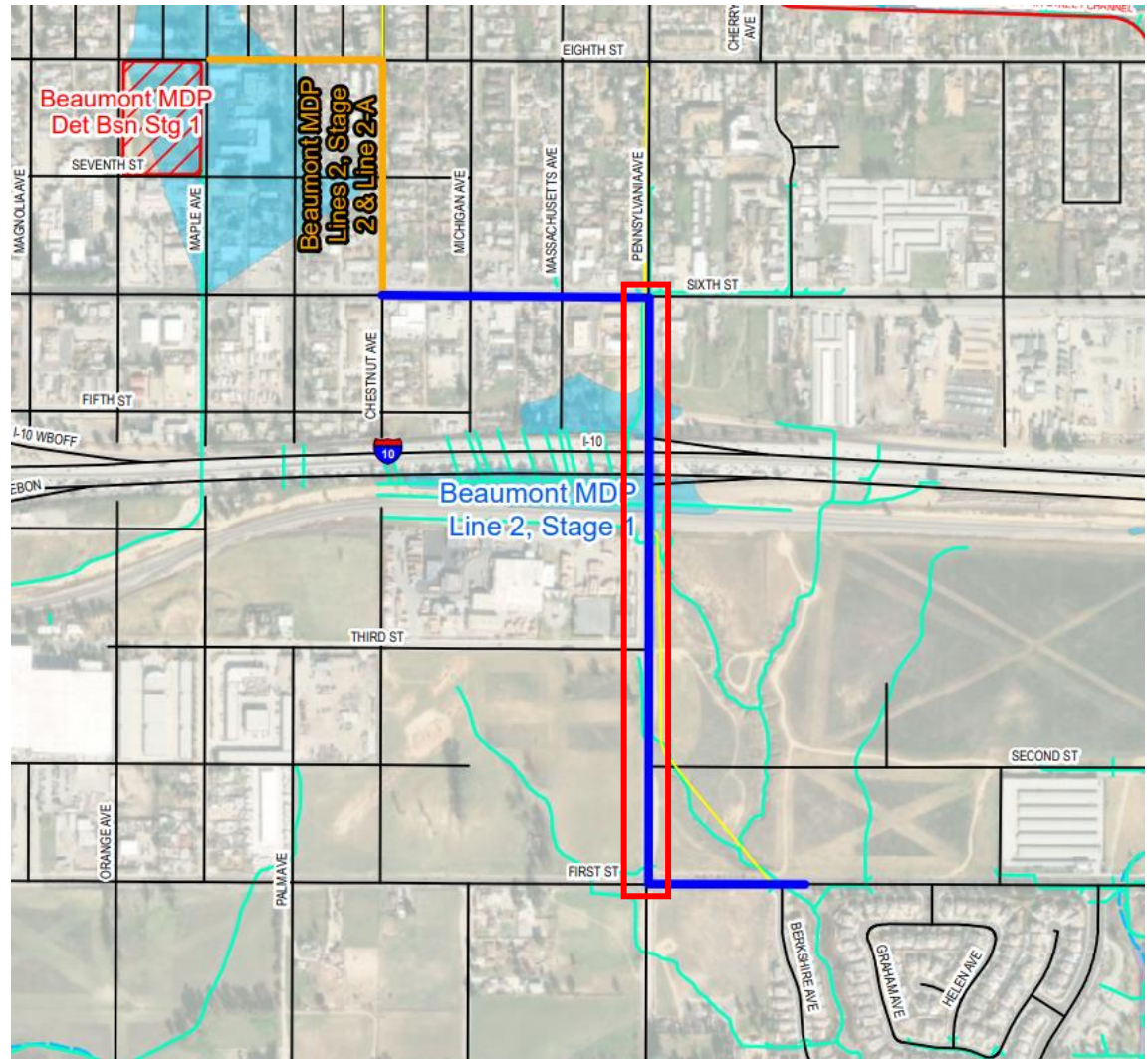
Current
Allocation:
\$4.9M



Beaumont MDP Line 2, Stage 1

Additional
\$4.9M
Needed

New Total:
\$9.8M

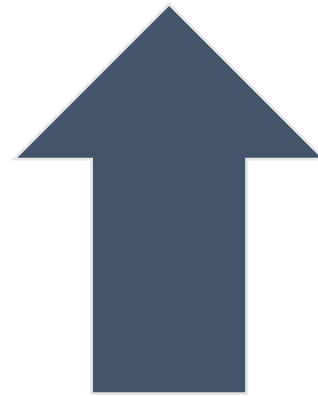




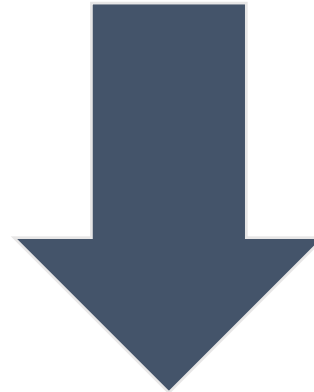
New Project
Requests

Public Hearing

Recent Activity
and Trends



Demand



Supply

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

Funding Available \$12M

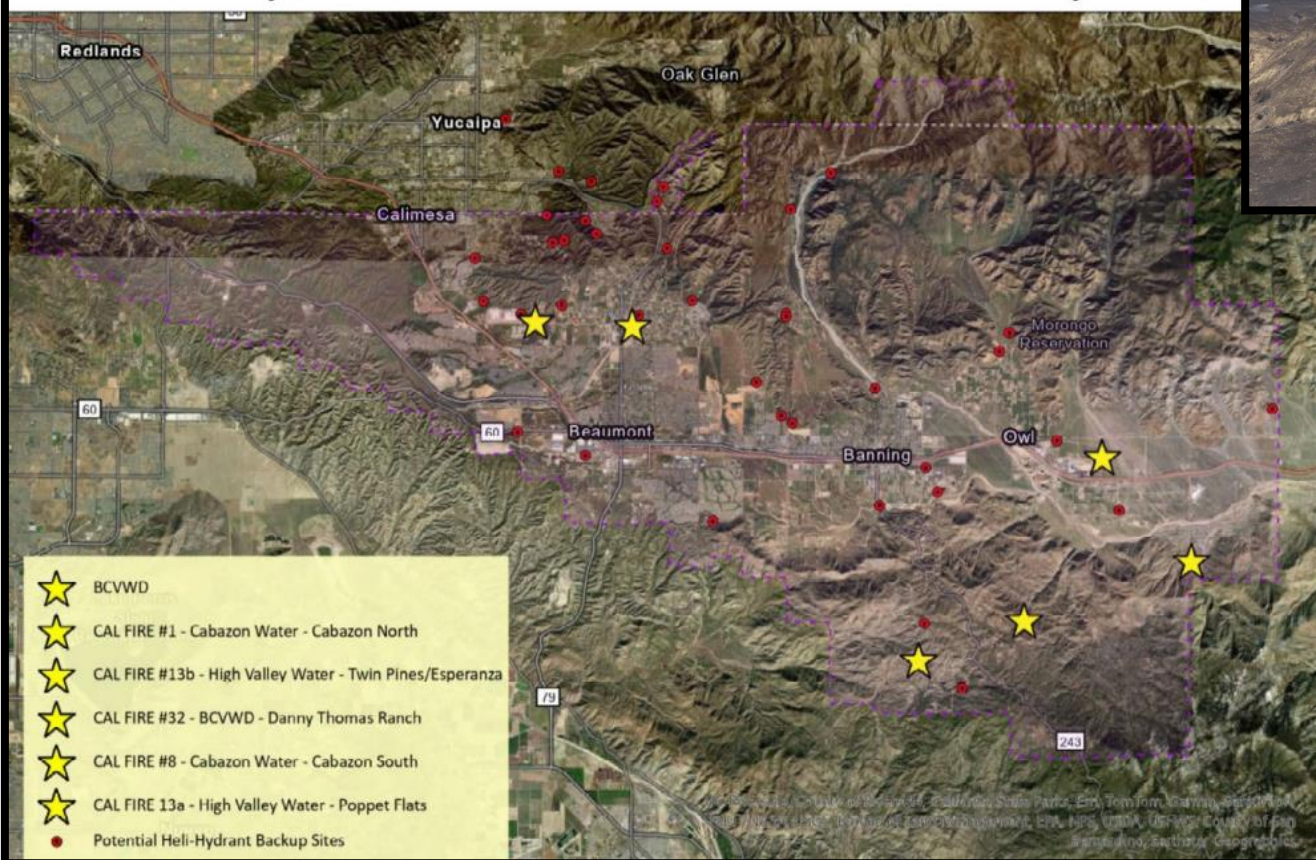
District (\$10.4M)	Calimesa	Beaumont	Yucaipa Valley Water District	San Gorgonio Water Pass Agency	Public
Marshall Creek	Calimesa Channel, Stage III	Beaumont MDP Line 2, Stage 1	San Timoteo Permanent Stream Gage Station (New)	Heli-Hydrant Wildfire Suppression System (New)	Beaumont MDP Line 8 (Previously Requested)
\$3.6M	\$6M (Yes)	\$4.9M (Yes)	\$587K (Next year)	\$1.2M (Next Year)	\$8M (Next Year)
West Pershing Line K					
\$6M (\$2M)					
Beaumont MDP Line 2, Stg 2					
\$0.8M					

San Timoteo Creek Permanent Stream Gage Station |\$587K



San Geronio Pass Heli Hydrant | \$1.2 M

Heli-Hydrant - Preferred and Potential Backup Sites



- Received ARPA funding for 6 locations.
- Request for 4 additional Heli-Hydrants at \$300K each.



Beaumont MDP Line 8 | \$8M

