



RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

AGENDA

Commissioners of Zone 4 of the Riverside County Flood Control and Water Conservation District will hold a Public Budget Hearing at 11:00 a.m. on Thursday, December 8, 2022 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 budget of Fiscal Year 2023-2024.

1. Receive requests from interested parties for projects for Fiscal Year 2023-2024.
2. Oral communication from the audience.
3. Chief Engineer's Report of Zone Activities.

The Budget Work Session set for 11:00 a.m. on Thursday, February 16, 2023 at the Riverside County Flood Control and Water Conservation District office, 1995 Market Street, Riverside. The purpose of the meeting is to discuss the budgeting of projects for Fiscal Year 2023-2024.

ZONE 4

ROY "PETE" BLECKERT, 5th District

KEN GRAFF, 3rd District

BRAD SCOTT, split 3rd/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 2021–2022

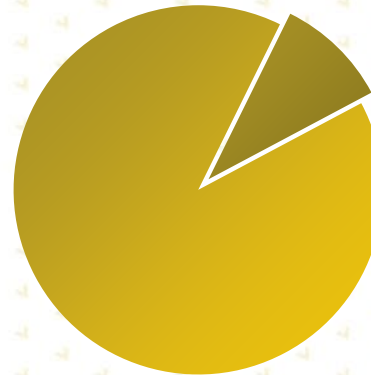
JULY 1, 2021 \$63,087,096

JUNE 30, 2022 \$59,718,287

Sources

(Where the money comes from)

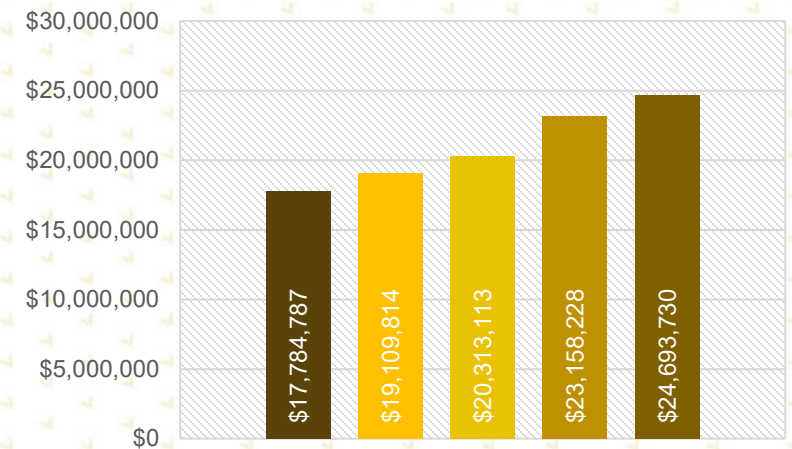
TOTAL \$27,414,000



Other – 10% \$2,720,000
Property Taxes – 90% \$24,694,000

Property Taxes

(5 year trend)



6/30/2018 6/30/2019 6/30/2020 6/30/2021 6/30/2022

Expenditures

(Where the money is spent)

TOTAL \$30,783,000

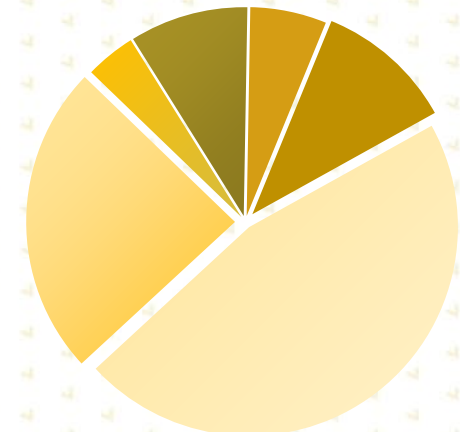


Services & Supplies – 13% \$3,973,000
Salaries & Benefits – 40% \$12,489,000
Other – 16% \$4,843,000
Capital Assets – 31% \$9,478,000

Uses

(How the money is used)

TOTAL \$30,783,000



Administration – 24% \$7,410,000
Debt Service – 9% \$2,824,000
General Zone Work – 6% \$1,820,000
Maintenance – 11% \$3,307,000
District Led Projects – 46% \$14,223,000
Partner Led Projects – 4% \$1,199,000

ZONE 4

ROY "PETE" BLECKERT, 5th District

KEN GRAFF, 3rd District

BRAD SCOTT, split 3rd/5th District

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

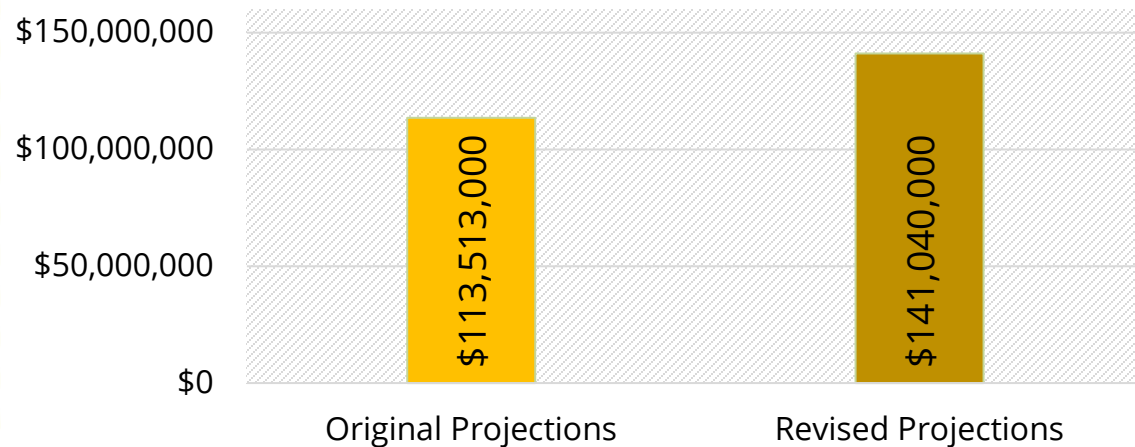
The district must consider public safety above all else, but also strive to develop the most economical project possible consistent with this obligation.

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



**Forecasting
FY23-24 thru FY27-28**

Original Projections vs. Revised Projections Additional Revenue Available



**Additional
Revenue
\$27,527,000**



**5th Year Of
New CIP
FY27-28
\$22,995,000**

**Forecasting \$50,522,000 to be available for Cost Increases
on Existing Projects and New Requests**

Zone 4
Report to the Zone Commissioners
By Jason E. Uhley, General Manager-Chief Engineer
September 2022

Completed Projects

Bautista Creek Channel - Recharge Basins (4-8-00030-50)

This District-led project, in partnership with the Lake Hemet Municipal Water District (LHMWD), expanded groundwater recharge by constructing six infiltration basins on the existing 17.5 acres of open space adjacent to Bautista Creek Channel. This project was funded by a combination of District funds, external funding from a Proposition 84 state grant administered by the California State Department of Water Resources, and a contribution from LHMWD. Sukut Construction, LLC completed construction of the project for the final construction cost of \$1,746,393.90. The Notice of Completion for the project was accepted on April 26, 2022.

Sunnymead Line M-11 Extension/Flaming Arrow (4-8-00365-01)

This project was a partnership between the District and the City of Moreno Valley. The goal of this project is to capture runoff flooding the properties along St. Christopher Lane. The project constructed a storm drain that extended from Bay Avenue north and west to St. Christopher Lane. The project has been constructed and accepted by the City.

Active District-Led Projects

Perris Valley Channel Lateral B (4-8-00009-04)

This is a District-led proposed storm drain improvement project of approximately 6,000 feet of reinforced concrete box that will provide improved flood protection to the March Air Reserve Base (MARB) and adjacent properties. The project will collect the 100-year runoff from the proposed Perris Valley Channel Lateral B, Stage 5 storm drain that will be constructed as part of a development between MARB and Interstate 215 and convey the water south to the existing Perris Valley Channel Lateral B, Stage 2 at Heacock Street. This project is funded as a cost share between the District (\$12.8 million) and the March Joint Powers Authority (\$4 million - via developer). The project is in 60% design stage. The 100% plans and the environmental and permitting documents are scheduled to be completed by December 2022. The process of easement acquisition from MARB was initiated, and easements are expected to be granted in February 2023.

Potrero Creek Debris Basin Emergency Sediment Removal (4-8-00025-90)

This is a District-led project to remove accumulated sediment from the existing basin to restore its capacity and function. Approximately 350,000 cubic yards of material will be removed. This project is funded by the District. Due to the emergency nature of the project, the District expedited the design and advertised the project for bids on August 24, 2021. The project was awarded to Contrera Construction Corporation with the low bid of \$2,700,625.69 on January 11, 2022. The District anticipates the project construction will be complete by September 2022.

Zone 4
Report to the Zone Commissioners
September 2022

San Jacinto River (4-8-00020-03)

This is a District-led project to develop a master drainage plan along the nearly 10-mile reach of the San Jacinto River from Ramona Expressway to Railroad Canyon. The goal of the plan is to provide flood protection to critical transportation facilities, alleviate drainage concerns in the city of Perris, advance implementation of the Western Riverside Multiple Species Habitat Conservation Plan (MSHCP), and accommodate certain land development activity within the floodplain fringe. The District is currently working closely with the Regional Conservation Authority, California Department of Fish and Wildlife, and United States Fish and Wildlife Service to ensure that the project will be able to achieve consistency with the MSHCP. Once these discussions with the regulatory agencies have taken place, the District will continue with the California Environmental Quality Act process and the preparation of the Environmental Impact Report for the plan.

Little Lake MDP Line B, Stage 2 (4-8-00265-02)

This District-led storm drain project will install approximately 4,000 feet of underground storm drain along Meridian Street between Florida Avenue/Highway 74 and Whittier Avenue. This project will complete the backbone Line B system that will enable the future construction of additional master-planned storm drains that will extend easterly along Acacia Avenue, Mayberry Avenue, and Whittier Avenue. This project will reduce flooding to properties along and west of Meridian Street, however, when combined with those future storm drains, the overall system will provide full 100-year flood protection to the community. This project will collect storm runoff along the project reach and convey the flows to the existing Little Lake MDP Line B, Stage 1 facility at Florida Avenue/Highway 74. This project is funded by the District. The District completed 30% design plans and began coordination with utility agencies to address potential utility conflicts for this project. The District will be preparing pothole services for conflicting utilities and developing 60% design plans.

Green Acres Dam and Outlet (4-8-00330-00)

This is a District-led proposed earthen dam project with an approximate 50-foot-high embankment, 900-foot-long crest, 150 acre-feet storage capacity with a two square mile tributary area. The primary objective of this project is to reduce flooding in the Green Acres community located near Cortrite Avenue at Highway 74 and south along Highway 79. This project is funded by the District. Additional field investigation and environmental studies for the spillway site were completed in April 2022 and draft environmental, geotechnical, and feasibility study reports were submitted to the District for review in June 2022. Final geotechnical and feasibility studies are scheduled to be approved by October 2022.

Lakeview/Nuevo MDP Lateral D (4-8-00331-01)

This District-led project will eliminate the existing Federal Emergency Management Agency (FEMA) floodplain downstream of the existing Lakeview Dam by collecting flows from Lakeview Dam's low-level outlet pipe and conveying the flows in approximately 1.75 miles of underground storm drain westerly along Water Avenue to the existing Nuevo Channel at Yucca Avenue and 11th Street. The project will also reduce flooding along Water Avenue by including up to two detention basins south of Water Avenue to capture and detain runoff. The project will also include construction of a lateral along Bell Avenue that will reduce flooding along Bell Avenue and the community west of Bell Avenue. This project is funded by the District. The District is in the process of finalizing the hydraulic design and will be developing 30% design plans.

Zone 4
Report to the Zone Commissioners
September 2022

Good Hope - Olive Avenue Storm Drain (4-8-00425-01)

This is a District-led proposed storm drain improvement project with approximately 12,500 feet of various pipe (18"-84") that will provide 100-year flood protection to the properties between Quail Drive and Spring Street and also the properties east of Spring Street and west of Theda Street between Olive Avenue and Eucalyptus Avenue. The project will collect storm flows at various points within the community and convey them to a detention basin at the northwest corner of Spring Street and Olive Avenue, which will then drain to the existing culvert crossing on Highway 74 just east of Theda Street. This project is funded by the District. The District completed the 30% plans, and the design is currently in its 60% phase. Coordination efforts with external agencies, right of way acquisitions, and cooperative agreement are ongoing. The Riverside County Transportation Department is designing additional street paving plans to be constructed by District's contractor and will be covering the additional paving cost. The project is scheduled to be advertised in March 2024.

Romoland MDP Line A-3, Stages 2 and 3 (4-8-00431-02, -03)

This District-led project is a portion of the Line A-3 system that will ultimately provide 100-year flood protection to the existing neighborhoods along Varela Lane and properties south of Varela Lane and east of Palomar Road. Stages 2 and 3 will construct approximately 3,200 feet of underground box storm drain along Palomar Road and collects runoff beginning at Varela Lane and extends south along Palomar Road to the existing Stage 1 storm drain in Palomar Road at Mathews Road. This project also enables the future construction of Stages 4 and 5, which extend the system east from Palomar Road along Varela Lane. The full benefit of this project will not be realized until Stages 4 and 5 are also constructed. This project is funded by the District. The project is in its final construction phase and is expected to be completed at the end of September 2022.

Romoland MDP Line A-3, Stages 4 and 5 (4-8-00431-04, -05)

Stages 4 and 5 of the Line A-3 systems will follow the construction of Stages 2 and 3 described above. This District-led project will complete the Line A-3 storm drain system east along Varela Lane from Palomar Road to Malone Avenue. The total length of these two stages is approximately 6,510 feet of underground reinforced concrete box and open channel. Once the entire Line A-3 is completed, the system will provide 100-year flood protection to properties located along Varela Lane and east of Palomar Road. This project is funded by the District. The District is currently developing 90% design plans and specifications, coordinating with the City of Menifee and utility agencies, preparing regulatory and environmental compliance, and working on right of way acquisitions. The project is expected to be advertised in April 2023.

Sunnymead-Indian Street Basin (4-8-00735-90)

This District-led project provides improvements to the existing City of Moreno Valley-owned Festival Retention Basin located at the southeast area of Ironwood Avenue and Davis Street. The improvements include clearing and removal of vegetation and palm trees, the removal of deposited silts and regrading of the basin floor to establish low flow channel, installation of security and gates, re-establishment of a service road, installation of metal grates at the inlets/outlets, and modifications to the existing basin spillway. The listed improvements design will be completed by the District's Operations and Maintenance Division. Upon completion of the improvements, the City is requesting the District to be responsible for future operation and maintenance of the basin. This project is funded by the District. The District is currently working on the 30% plans, specifications, and environmental compliance. The project is expected to be advertised in March 2023.

Zone 4
Report to the Zone Commissioners
September 2022

Active Partner-Led Projects

Parkside Minor Drainage Improvement: Cottonwood and Sanderson (4-6-10001-00)

This is a City of San Jacinto-led project to provide flood protection to properties and streets along Sanderson Avenue. The project consists of an upgraded pump and force main extending approximately 800 feet from the Parkside basin and a force main to an existing concrete channel at the intersection of Sanderson Avenue and Cottonwood Avenue. The District will fund the design, construction, and regulatory costs, and the City will maintain. A cooperative funding agreement is currently being drafted with the City of San Jacinto.

Sanderson Culvert Repair (4-6-10002-00)

This is a City of San Jacinto-led project to replace a damaged culvert crossing at Sanderson Avenue. The project proposes to construct a transition structure and two 36-inch culvert pipes under Sanderson Avenue. The project stems from the failure of the underground pipe connection, subsequent erosion of subgrade, and the development of a sinkhole. The City has implemented a temporary fix to the sinkhole as an interim solution. The project will alleviate flooding issues along Sanderson Avenue. The District is funding the construction cost of this project and the City will maintain. A cooperative funding agreement is currently being drafted with the City of San Jacinto.

West Hemet MDP Line C, Stages 2 and 3 (4-8-00235-00)

This is a partnership project between the District, City of Hemet, and developer for Tracts 36510 and 36759. This project has been previously referred to in the budget as West Hemet Master Drainage Plan Interim Improvements (4-8-09068). The project includes drainage channel to provide flood protection to the surrounding community. The system consists of approximately 4,700 feet of primarily earthen open channel, which will convey flows from the existing City-maintained Seattle Basin along Cawston Avenue and westerly along Devonshire Avenue (West Hemet Line C, Stage 3). Stage 3 will be designed by the developer and will be constructed by the District. The system will continue across Myers Street as an underground reinforced concrete box storm drain for approximately 600 feet southwesterly of Myers Street and Devonshire Avenue (West Hemet Line C, Stage 2) and will outlet into a privately maintained basin for Tract 36510 (Ramona Creek Basin); Stage 2 will be designed and constructed by the developer. Both West Hemet Line C, Stages 2 and 3 will be maintained by the District. This project will address the City's request to solve the ongoing drainage issue at Seattle Basin and will also provide a path forward for Tracts 36510 and 36759 by capitalizing on the timing of the design and construction of drainage improvements. This project is funded by cost sharing between the District, City of Hemet, and a developer. The District is currently working with the City and developer on formalizing the roles and responsibilities of the project in a cooperative agreement. The developer is currently in the process of hiring an engineering design consultant to begin final improvement plans.

San Jacinto MDP Lines E-2 and E-2A (4-8-00251-01)

This is a City of San Jacinto-led project to provide flood protection to properties along State Street. The project consists of an underground storm drain ranging in pipe diameter from 30 inches to 72 inches which will collect 100-year storm runoff beginning in Menlo Avenue approximately 600 feet east of State Street and convey it north through State Street to the existing San Jacinto Line E improved channel. The approximate length of the facility is 7,000 feet. This project is funded by the District. The District will contribute \$4,710,000 toward construction of the project. The tri-party agreement between the City of San Jacinto, City of Hemet, and District has been amended to reflect the updated contribution. The City of San Jacinto experienced delays with utility coordination and anticipates project advertisement by September 2023.

Zone 4
Report to the Zone Commissioners
September 2022

Sunnymead MDP Lines F and F-7 (4-8-00290-05)

This City of Moreno Valley-led project will reduce flooding for the homes and apartments along Hemlock Avenue, the businesses on Sunnymead Boulevard, and homes and local streets between Sunnymead Boulevard and Eucalyptus Avenue. The project will begin north of the 60 Freeway near Hemlock Avenue and Graham Street and extend westerly in an underground storm drain to Calle Sombra, where it will turn south under the 60 Freeway. South of the Freeway, the project transitions to an open channel that continues south along the existing wash until it discharges to the existing channel east near Atlantic Circle. The overall project is 5,000 feet. The project also includes two small retention basins to attenuate flows south of Sunnymead Boulevard. The District will fund a portion of the project cost while the remainder of the project will be covered by the Federal Emergency Management Agency (FEMA) through a City acquired grant worth \$2,650,000. The Agreement between the District and the City was executed in July 2021, and improvement plans are currently being developed.

Moreno MDP Line F-18 (4-8-00403-01) *[formerly known as Moreno MDP Line F-18 and F-19]*

This City of Moreno Valley-led project includes Master Drainage Plan (MDP) Line F-18 and City of Moreno Valley Line D-1 (replacing F-19). Line F-18 is approximately 1,300 feet of reinforced concrete pipe (RCP) and will capture flows from Alessandro Boulevard and Merwin Street and convey flows toward Redlands Boulevard, connecting into the existing MDP Line F-2. City Line D-1 is approximately 1,100 feet of RCP and will capture flows from Maltby Avenue and convey flows toward Redlands Boulevard, connecting into existing MDP Line F-2. The project had originally proposed for construction of MDP Line F-19; however, the City prefers to construct Line D-1, which would provide flood protection to existing homes and residents south of Maltby Avenue. Line F-19 per the MDP will be considered for construction later, separate from this project. This project will provide flood protection to the streets and the surrounding residents. This project is funded by the District. The District prepared a Cooperative Funding Agreement with the City to fund \$2 million toward design and construction costs for the project. The Agreement was executed in November 2020. The City selected an engineering consultant who is currently preparing the 60% design plans.

Perris Valley MDP Line E (4-8-00488-05)

This City of Perris-led project involves the construction of a storm drain facility approximately 5,540 feet on the north side of Ramona Expressway from Indian Avenue to the Perris Valley Channel to alleviate flooding at the intersection of Ramona Expressway and Perris Boulevard and serve as an outlet for existing storm drains that have been constructed in the area. The District is contributing \$4.3 million toward design and construction from area drainage plan fees collected. The Cooperative Agreement was executed in April 2021, and the City is currently working on the preliminary design and environmental studies for the project.

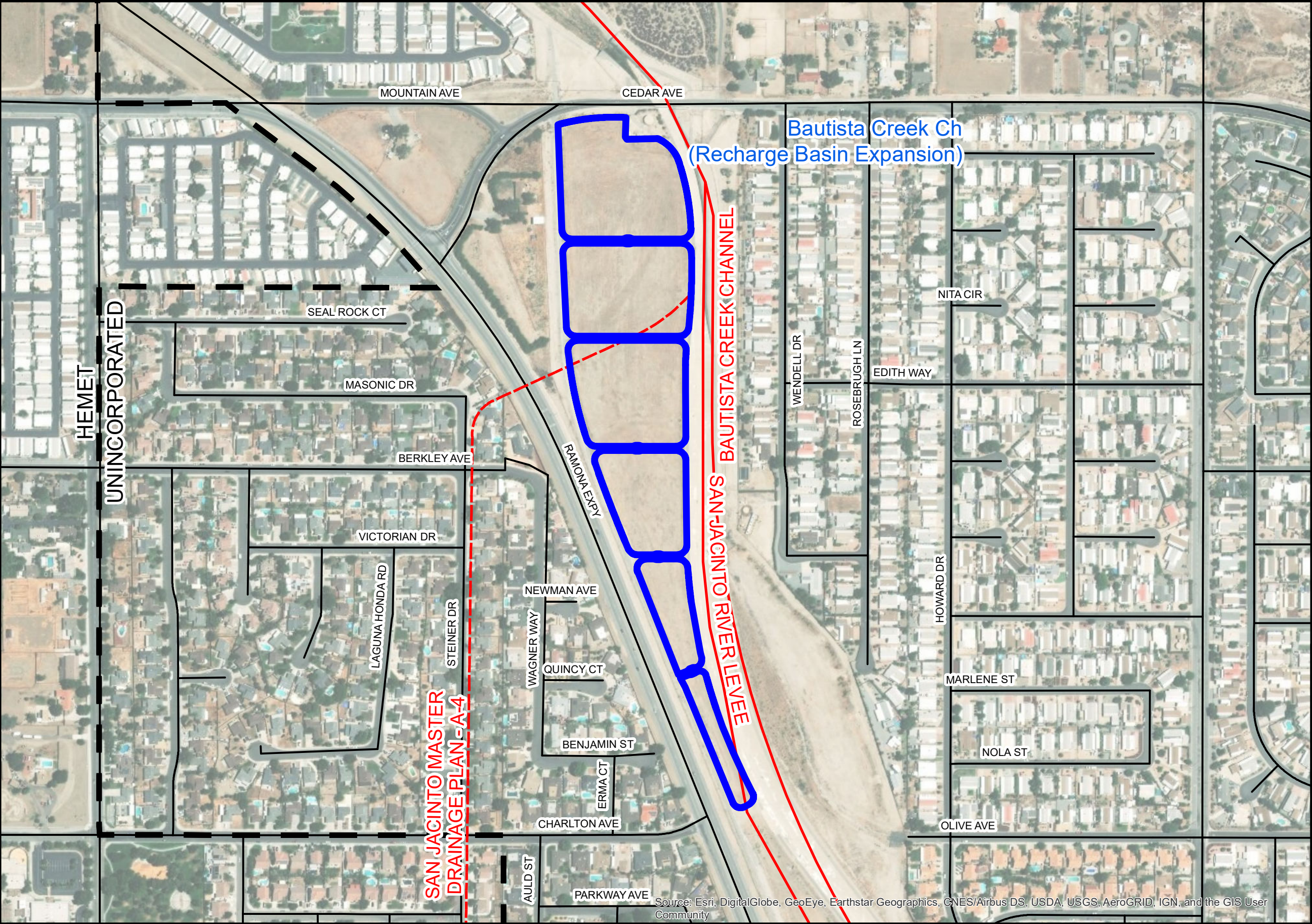
Sunnymead MDP Line B-16A (4-8-00614-02) SP

This is a City of Moreno Valley-led project to reduce flooding problems along Kitching Street and the surrounding community. Line B-16A will collect the 10-year runoff from Kalmia Street and convey it approximately 3,100 feet south within Kitching Street in an underground storm drain (24"-36") and will discharge into the existing District Sunnymead B-16A, Stage 1 storm drain located north of Ironwood Avenue. Implementation of the project may also reduce erosion and sediment accumulation along Kitching Street. This project is funded by the District. The Funding Agreement was executed October 6, 2020. The City is currently working on the design for the project and anticipates final design to be completed in this Fiscal Year 22-23.

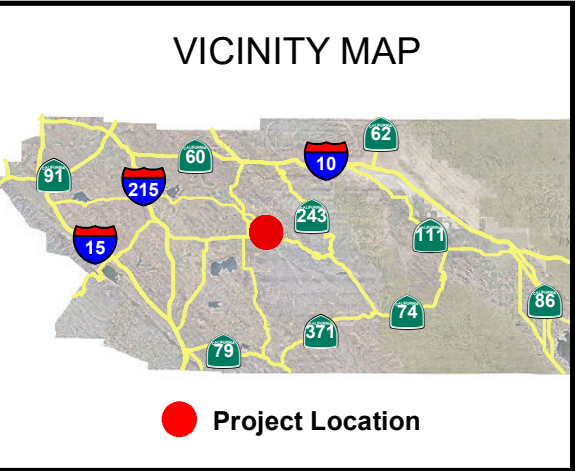
Zone 4
Report to the Zone Commissioners
September 2022

Moreno MDP Line K-1 (4-8-00766-02)

This City of Moreno Valley-led project consists of an underground facility that will reduce local street flooding. The project is located west of the intersection of Petite Street and Ironwood Avenue and will include for approximately 1,600 feet of storm drain which will collect and convey flows from east to west within Ironwood Avenue. The District executed an amendment to the agreement between the City and the District to update the District's contribution amount toward the construction of the project. The City has received a grant which has since offset the project costs associated with the project. Final design was completed in February 2021. The City is scheduled to advertise the project for construction this Fiscal Year 22-23.

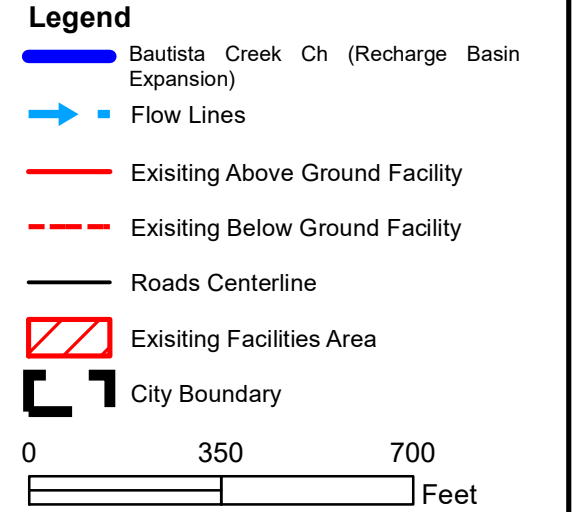


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Description

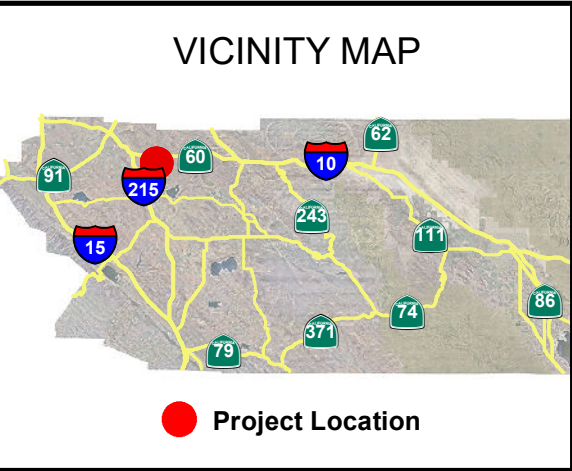
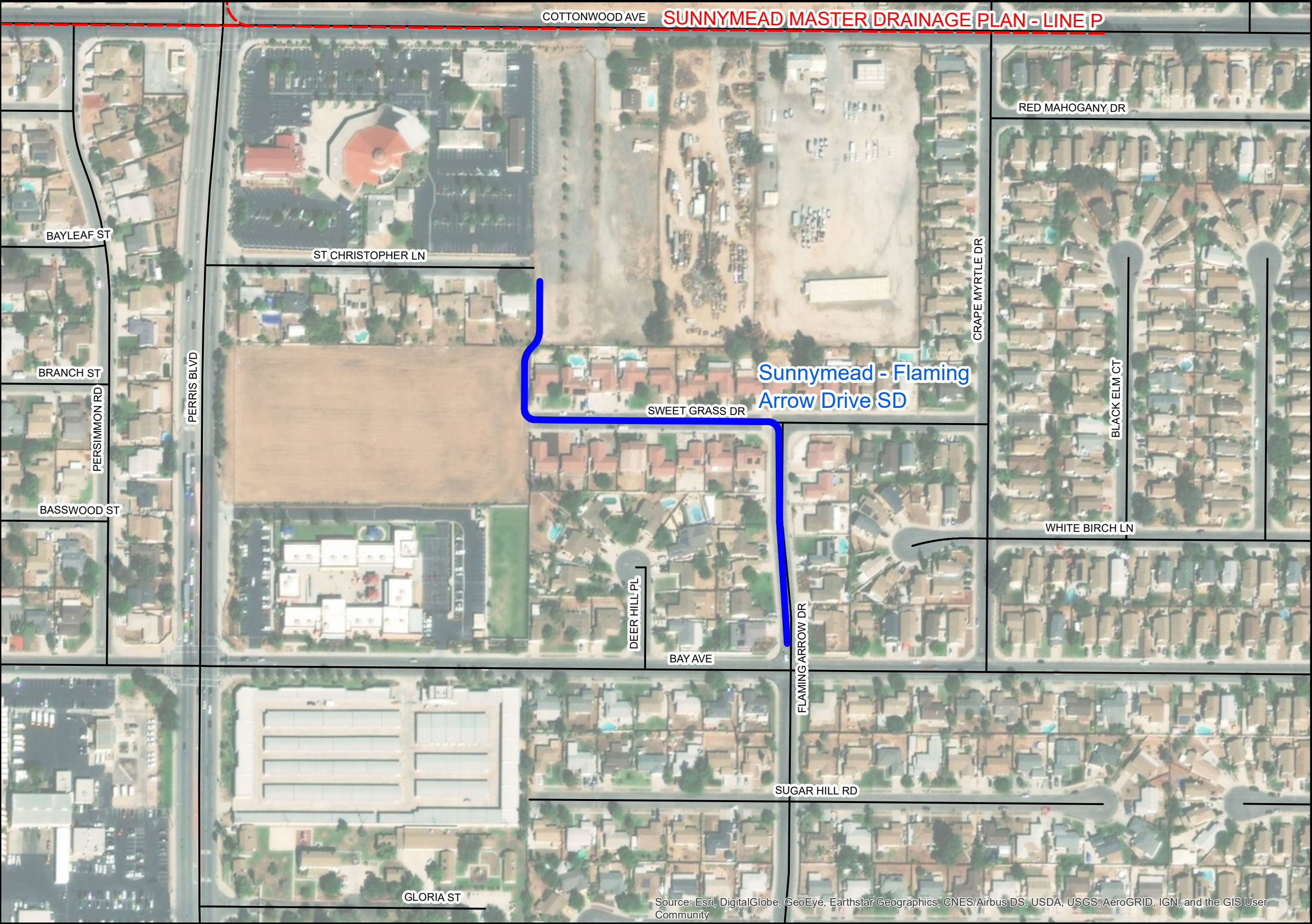
This partnership project between the District and Lake Hemet Municipal Water District (LHMWD) will expand groundwater recharge by utilizing the existing 17.5 acres of open space adjacent to Bautista Creek Channel as six recharge basins. This project will be partially funded by the Proposition 84 state grant administered by the California State Department of Water Resources.



RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
Bautista Creek Ch (Recharge Basin Expansion)
Supervisorial District 3

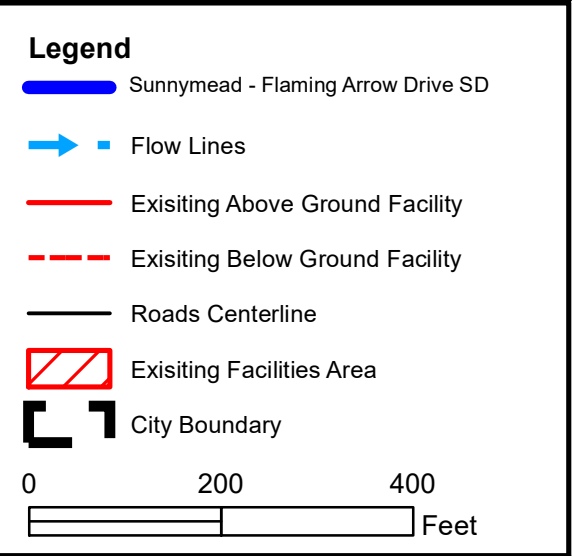


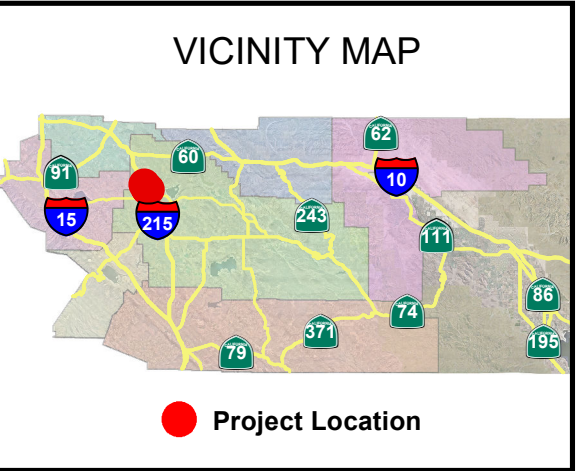
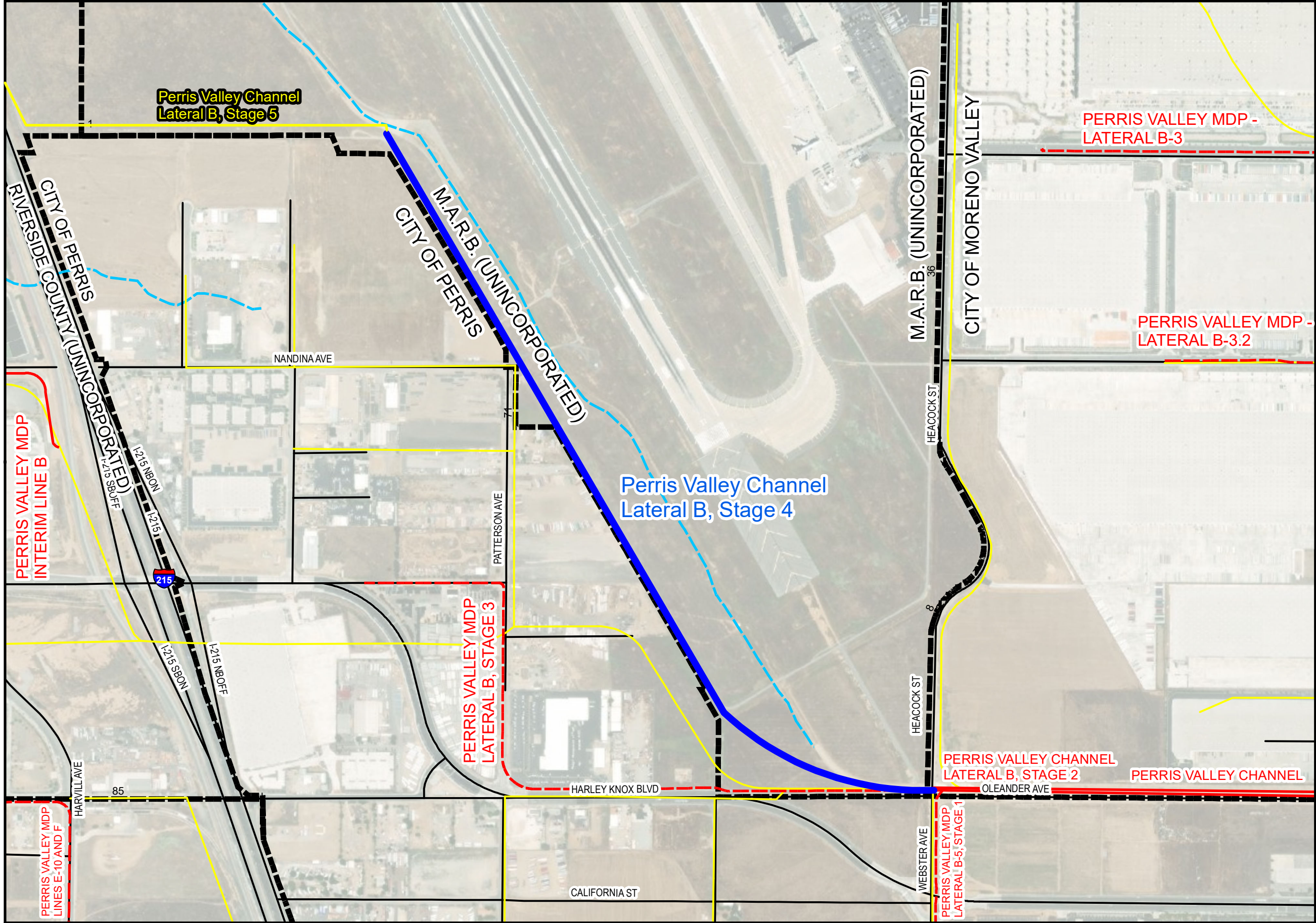
Project No.	4-8-00030
Engineer	D. Aguirre
Date Created	1/23/2020



Description

This project will be a partnership between the District and the City of Moreno Valley. A cooperative agreement will establish the agency responsibilities. The budgeting premise is that the District will fund both design and construction. The goal of this project is to capture runoff that is flooding the properties along St. Christopher Lane. The project is a storm drain which will extend from Bay Street north and west to St. Christopher Lane.

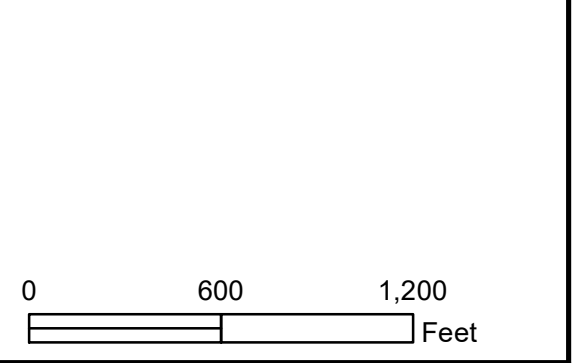




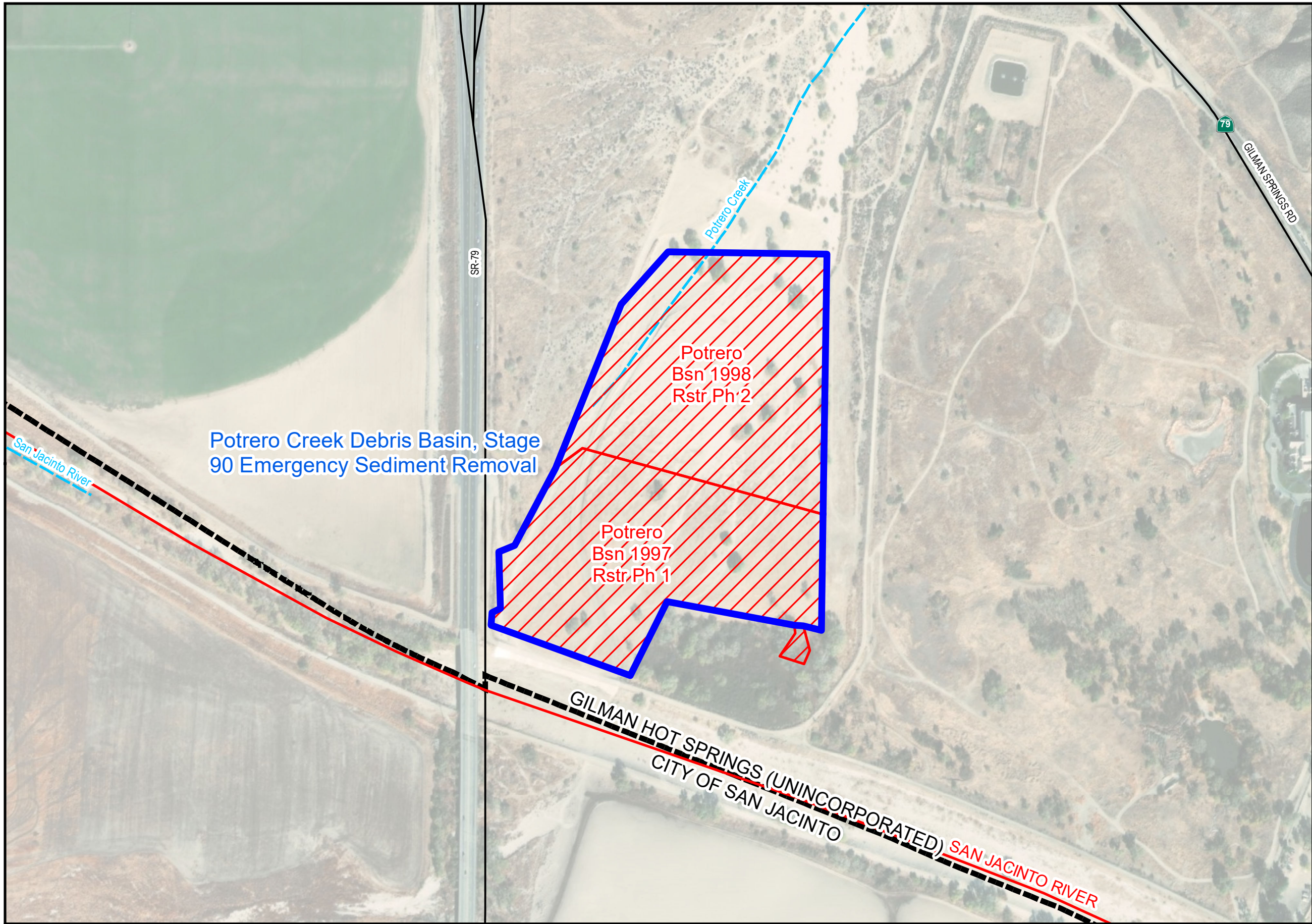
Description

This is a District-led proposed storm drain improvement project of approximately 6,000 feet of reinforced concrete box that will provide improved flood protection to the March Air Reserve Base (MARB) and adjacent properties. The project will collect the 100-year runoff from the proposed Perris Valley Channel Lateral B, Stage 5 storm drain that will be constructed as part of a development between MARB and Interstate 215 and convey the water south to the existing Perris Valley Channel Lateral B, Stage 2 at Heacock Street.

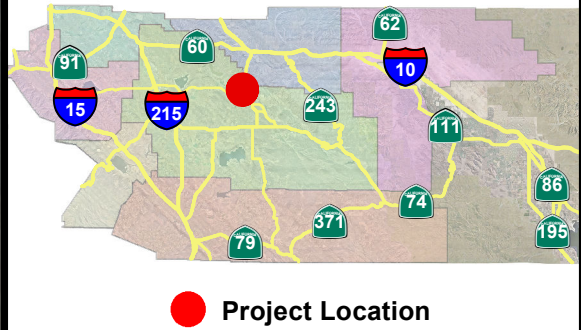
- Legend**
- Perris Valley Channel Lateral B, Stage 4
 - Existing Above Ground District Facilities
 - Existing Below Ground District Facilities
 - Un-budgeted District Facilities
 - Natural Flowlines
 - City Boundary



Project No.	4-8-00009
Engineer	E. Angelov
Date Created	6/29/2022








VICINITY MAP

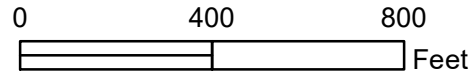


Description

This is a District-led project to remove accumulated sediment from the existing basin to restore its capacity and function. Approximately 350,000 cubic yards of material will be removed.

Legend

-  Potrero Creek Debris Basin, Stage 90 Emergency Sediment Removal
-  Existing Above Ground District Facilities
-  Existing Facilities Area
-  Natural Flowlines
-  City Boundary



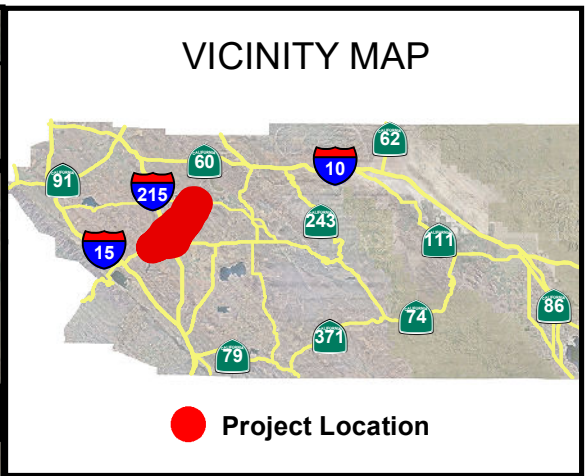
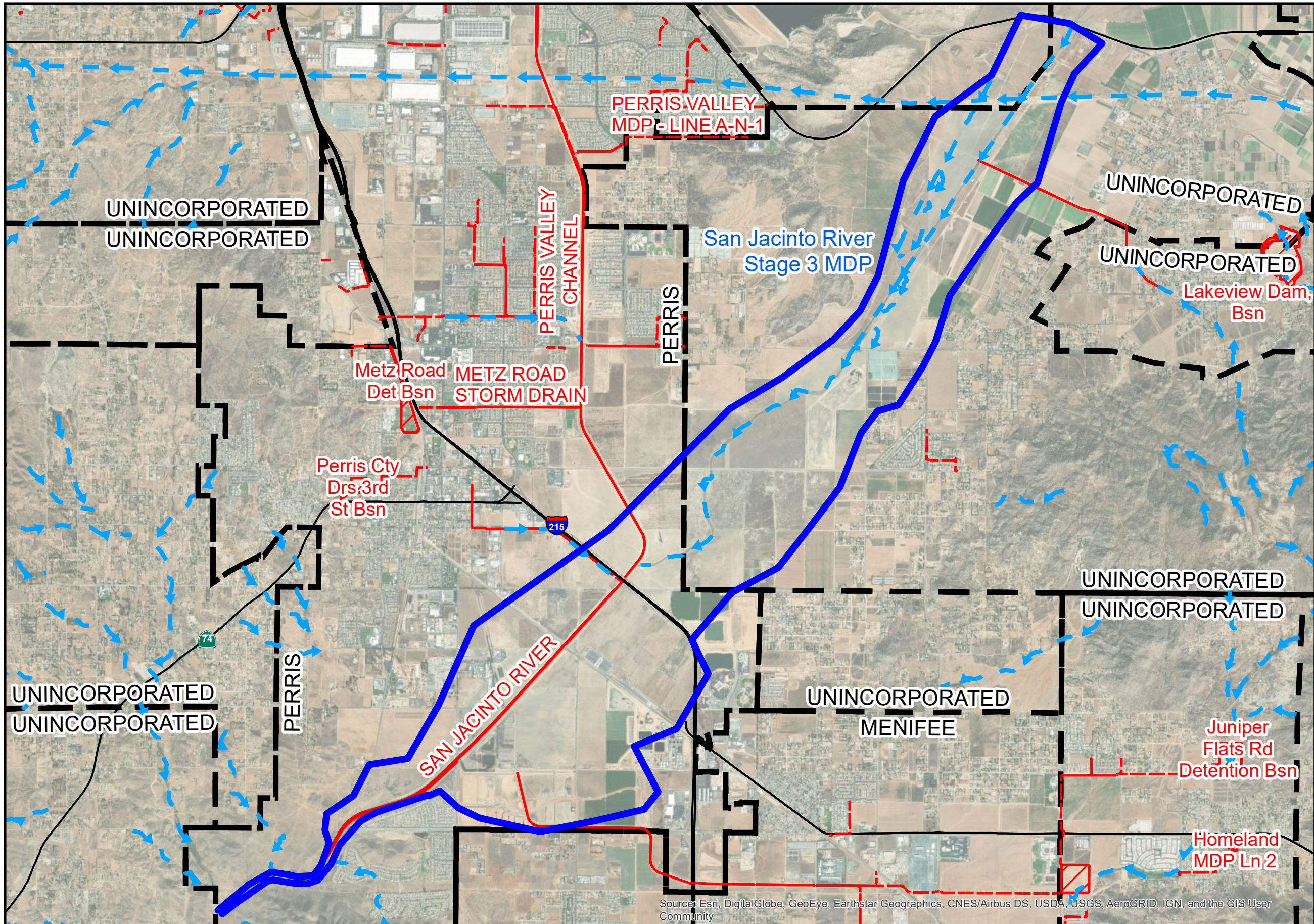
RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT

Potrero Creek Debris Basin, Stage 90 Emergency Sediment Removal

Supervisorial District 3

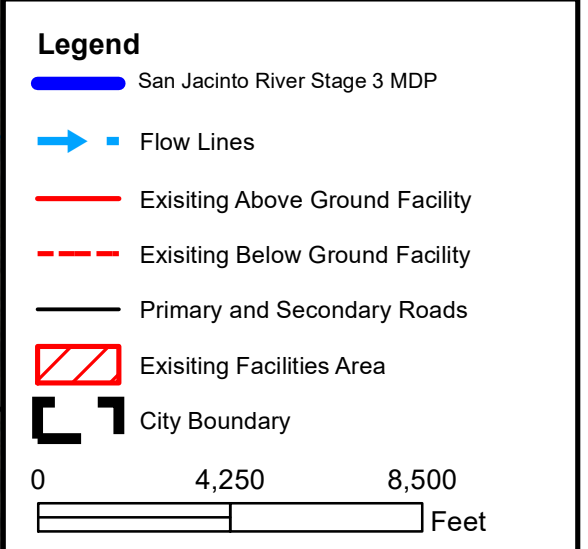


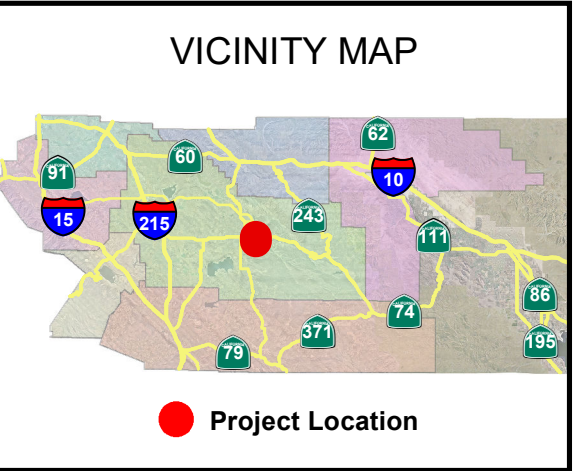
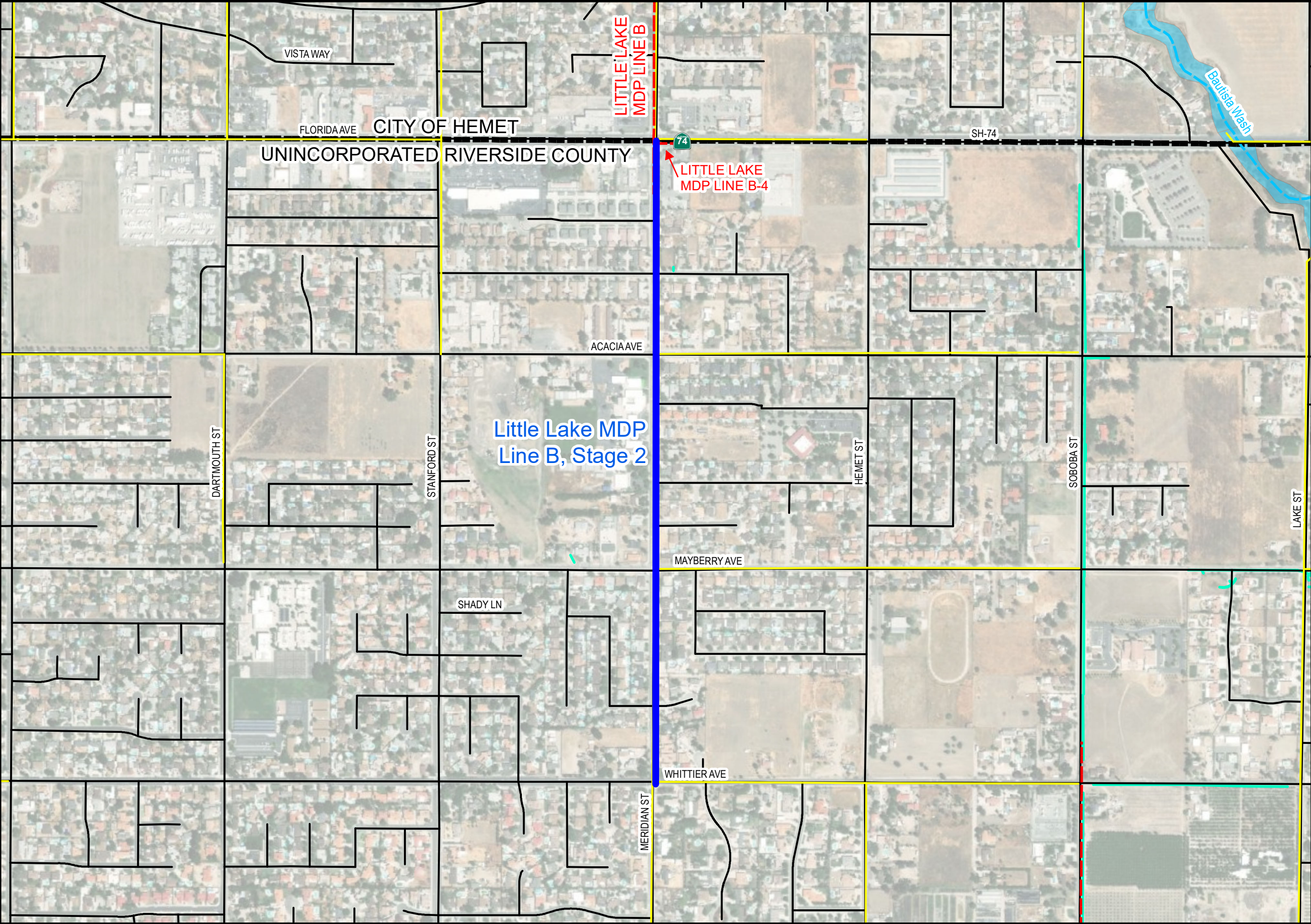
Project No.	4-8-00025
Engineer	A. Wells
Date Created	6/29/2022



Description

This is a District-led project to develop a master drainage plan along the nearly 10-mile reach of the San Jacinto River from Ramona Expressway to Railroad Canyon. The goal of the plan is to provide flood protection to critical transportation facilities; alleviate drainage concerns in the City of Perris; advance implementation of the Western Riverside Multiple Species Habitat Conservation Plan; and accommodate certain land development activity within the floodplain fringe. On April 11, 2017 the Riverside County Board of Supervisors accepted the Conceptual Planning Report and directed the district to proceed on the Master Drainage Plan (MDP). Subsequently, the District executed a consulting services agreement on May 22, 2018 with a contract value of \$343,800 with Albert A. Webb Associates for the MDP and necessary environmental compliance documents. The District anticipates approval of the MDP and environmental documents by June 2020.





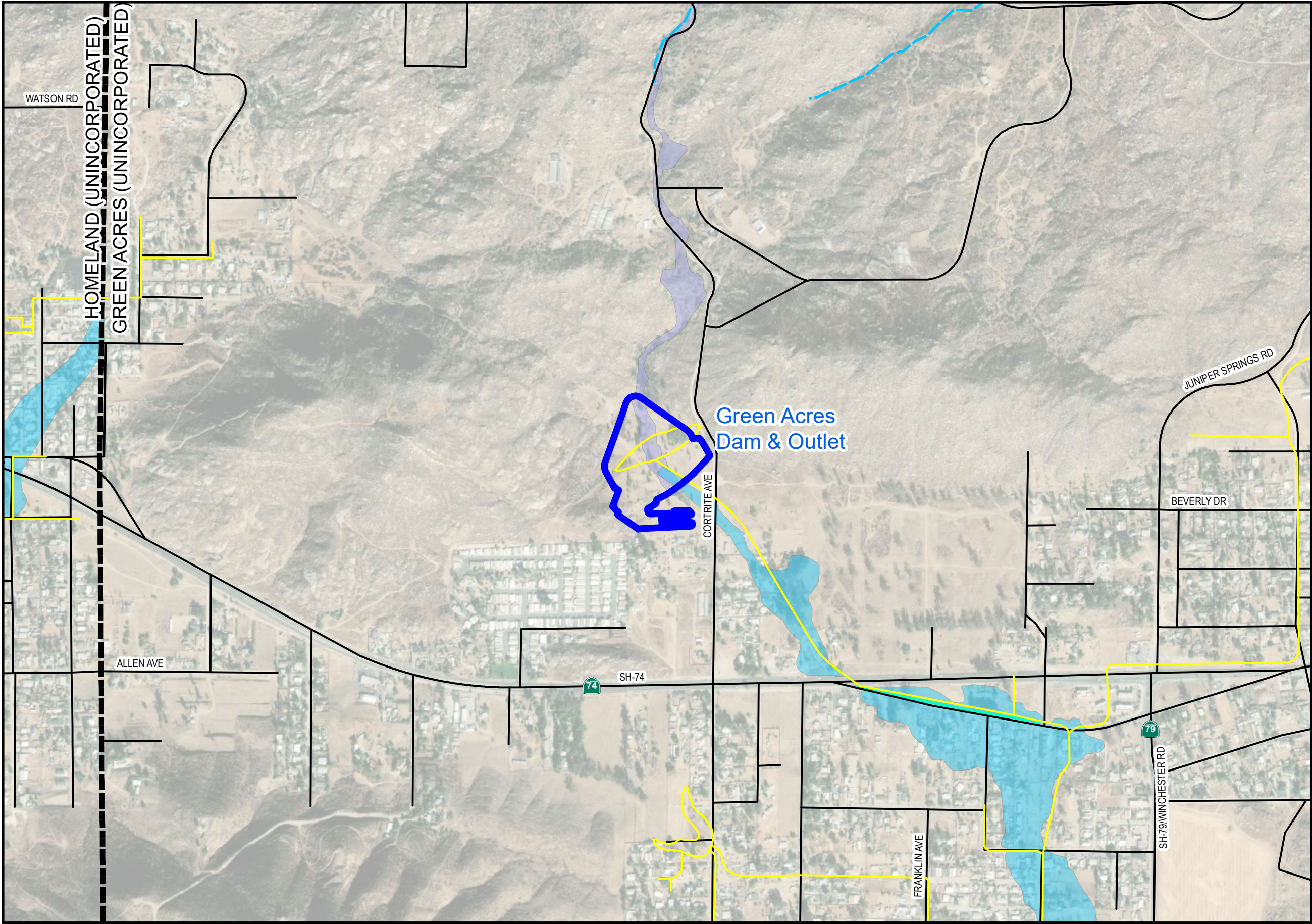
Description

This District-led storm drain project will install approximately 4,000 feet of underground storm drain along Meridian Street between Florida Avenue/Highway 74 and Whittier Avenue. This project will complete the backbone Line B system that will enable the future construction of additional master-planned storm drains that will extend easterly along Acacia Avenue, Mayberry Avenue, and Whittier Avenue. This project will reduce flooding to properties along and west of Meridian Street, however when combined with those future storm drains, the overall system will provide full 100-year flood protection to the Community. This project will collect storm runoff along the project reach and convey the flows to the existing Little Lake MDP Line B, Stage 1 facility at Florida Avenue/Highway 74.

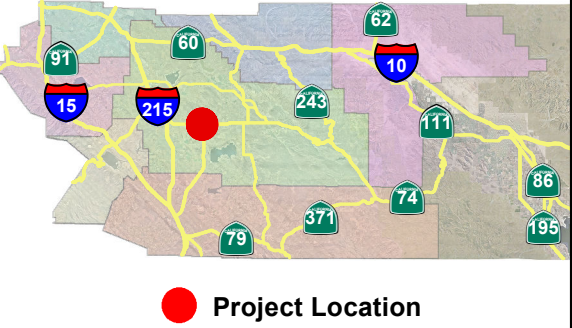
Legend

- Little Lake MDP Line B, Stage 2
- Existing Below Ground District Facilities
- Un-budgeted District Facilities
- County Facilities
- Natural Flowlines
- City Boundary
- FEMA Floodplain

0 600 1,200 Feet



VICINITY MAP

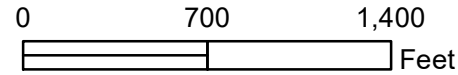


Description

This is a District-led proposed earthen dam project with an approximate 50-foot-high embankment, 900-foot-long crest, 150 acre-feet storage capacity with a two square mile tributary area. The primary objective of this project is to reduce flooding in the Green Acres community located near Cortrite Avenue at Highway 74 and south along Highway 79.

Legend

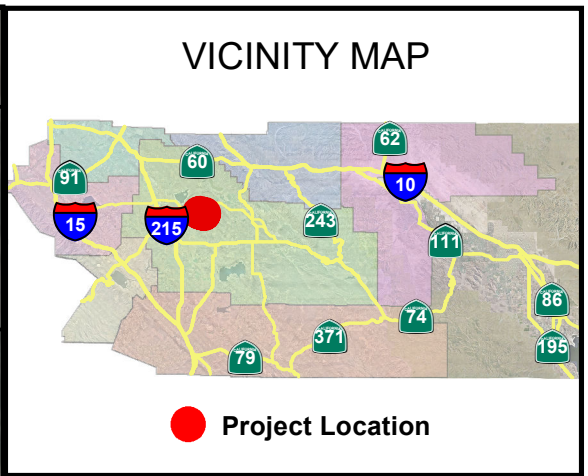
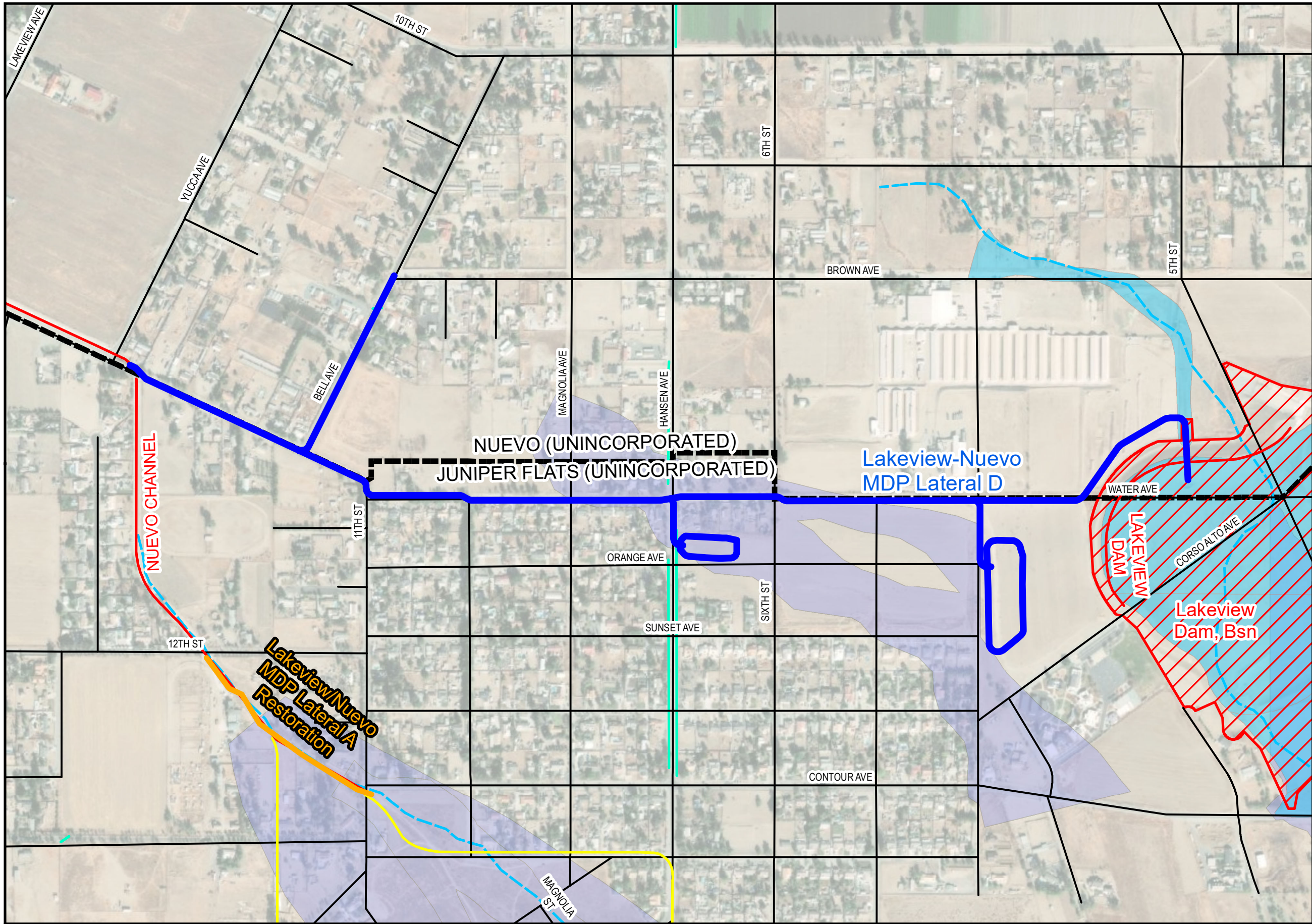
- Green Acres Dam & Outlet
- Future District Facilities
- City Facilities
- Natural Flowlines
- City Boundary
- FEMA Floodplain
- Flood Hazard Area



RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
Green Acres Dam & Outlet
Supervisory District 3

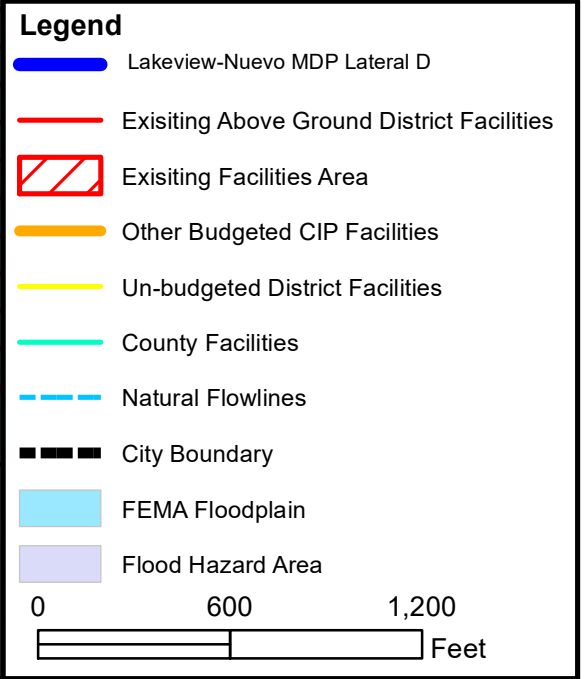


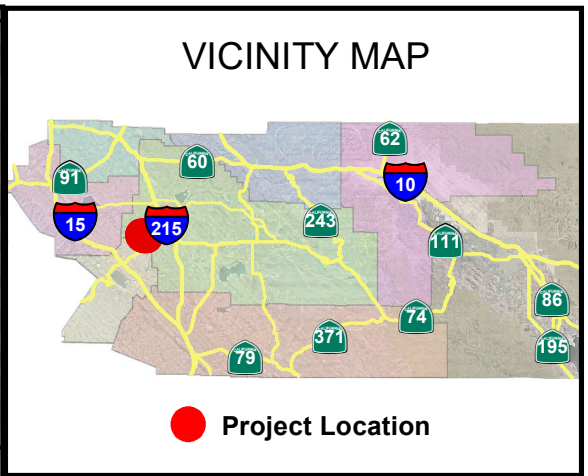
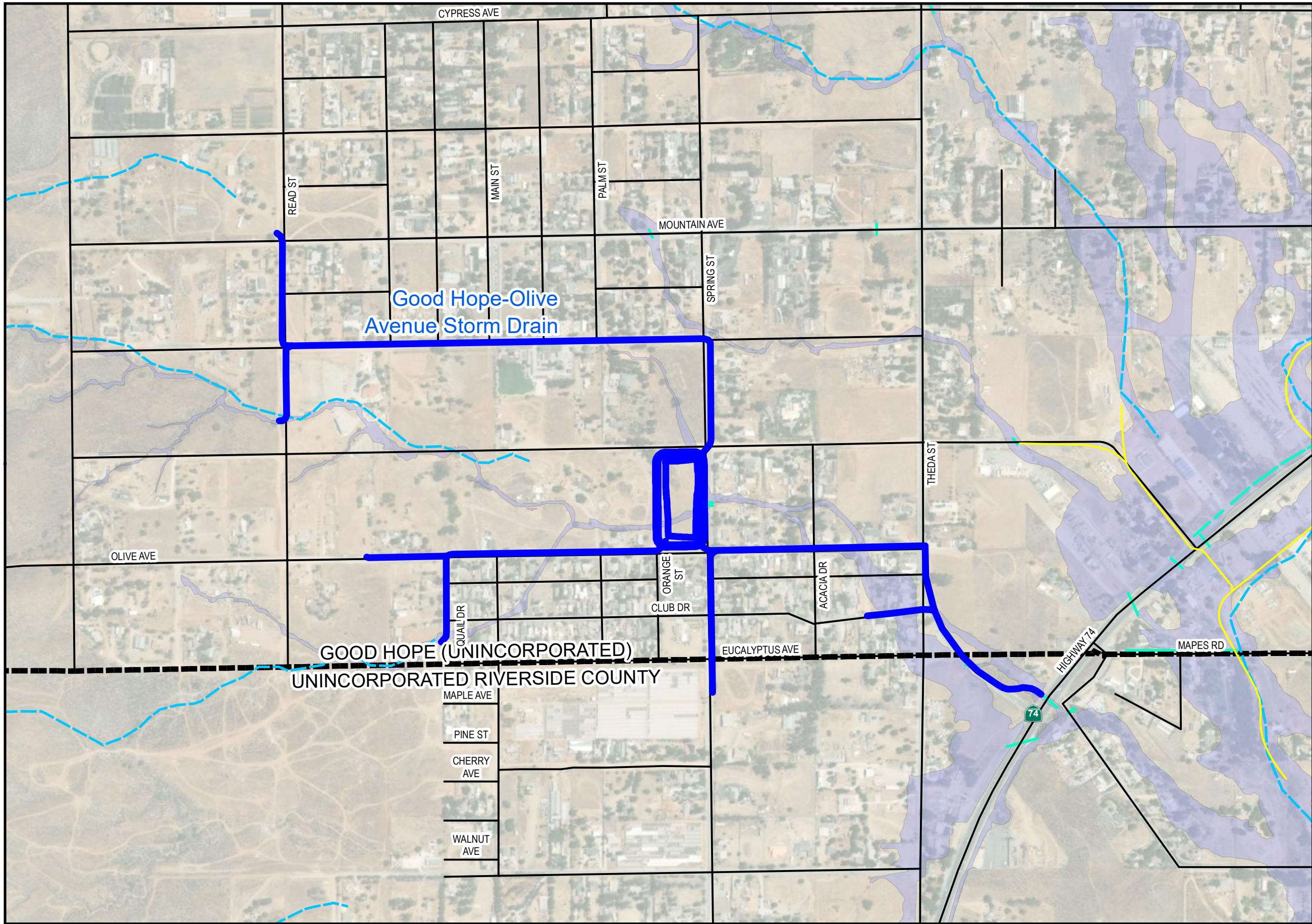
Project No.	4-8-00330
Engineer	R. Gosliga
Date Created	6/28/2022



Description

This District-led project will eliminate the existing Federal Emergency Management Agency (FEMA) floodplain downstream of the existing Lakeview Dam, by collecting flows from Dam's low-level outlet pipe and conveying the flows in approximately 1.75 miles of underground storm drain westerly along Water Avenue, to the existing Nuevo Channel at Yucca Avenue and 11th Street. The project will also reduce flooding along Water Avenue by including up to two detention basins south of Water Avenue to capture and detain runoff and will include a lateral along Bell Avenue that will reduce flooding along that street.

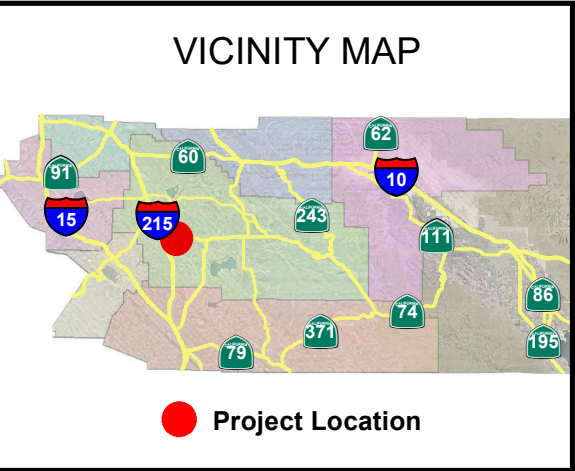
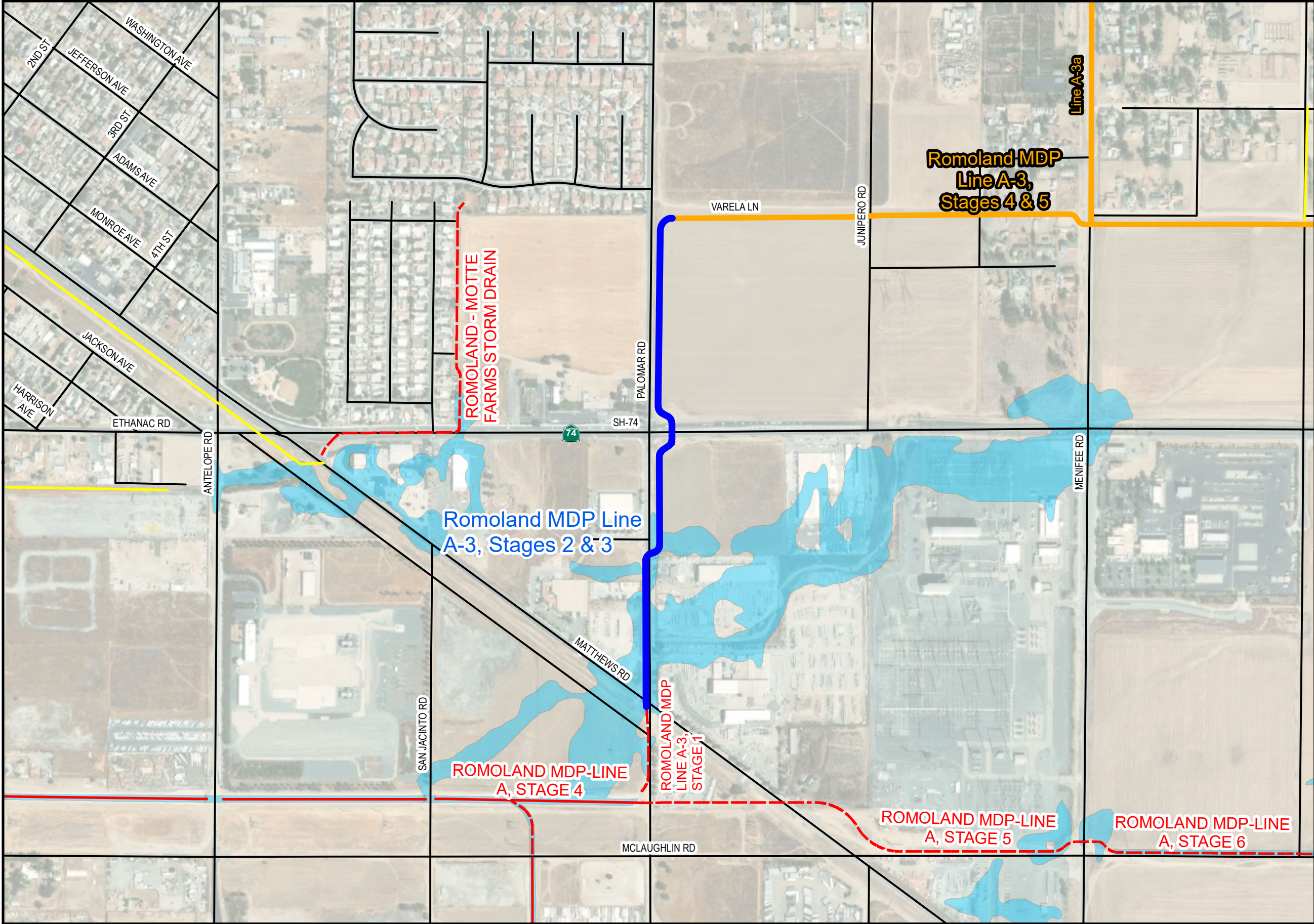




Description

This is a District-led proposed storm drain improvement project with approximately 12,500 feet of various pipe (18" – 84") that will provide 100-year flood protection to the properties between Quail Drive and Spring Street, and properties east of Spring Street and west of Theda Street between Olive Avenue and Eucalyptus Avenue. The project will collect storm flows at various points within the community and convey them to a detention basin at the north west corner of Spring Street and Olive Avenue, which will then drain to the existing culvert crossing on Highway 74 just east of Theda Street.

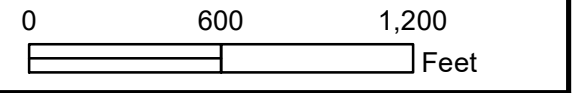
- ### Legend
- Good Hope-Olive Avenue Storm Drain
 - Future District Facilities
 - City Facilities
 - Natural Flowlines
 - City Boundary
 - Flood Hazard Area

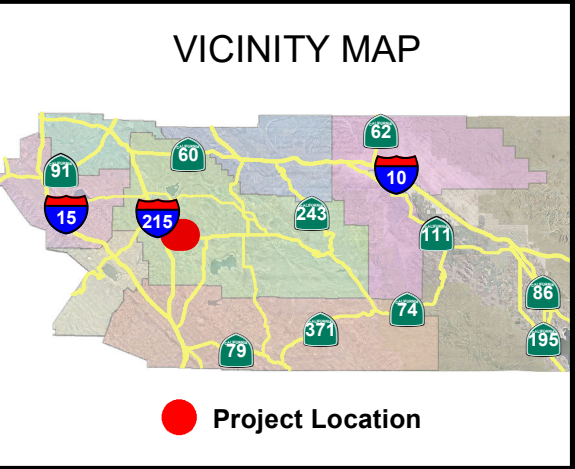
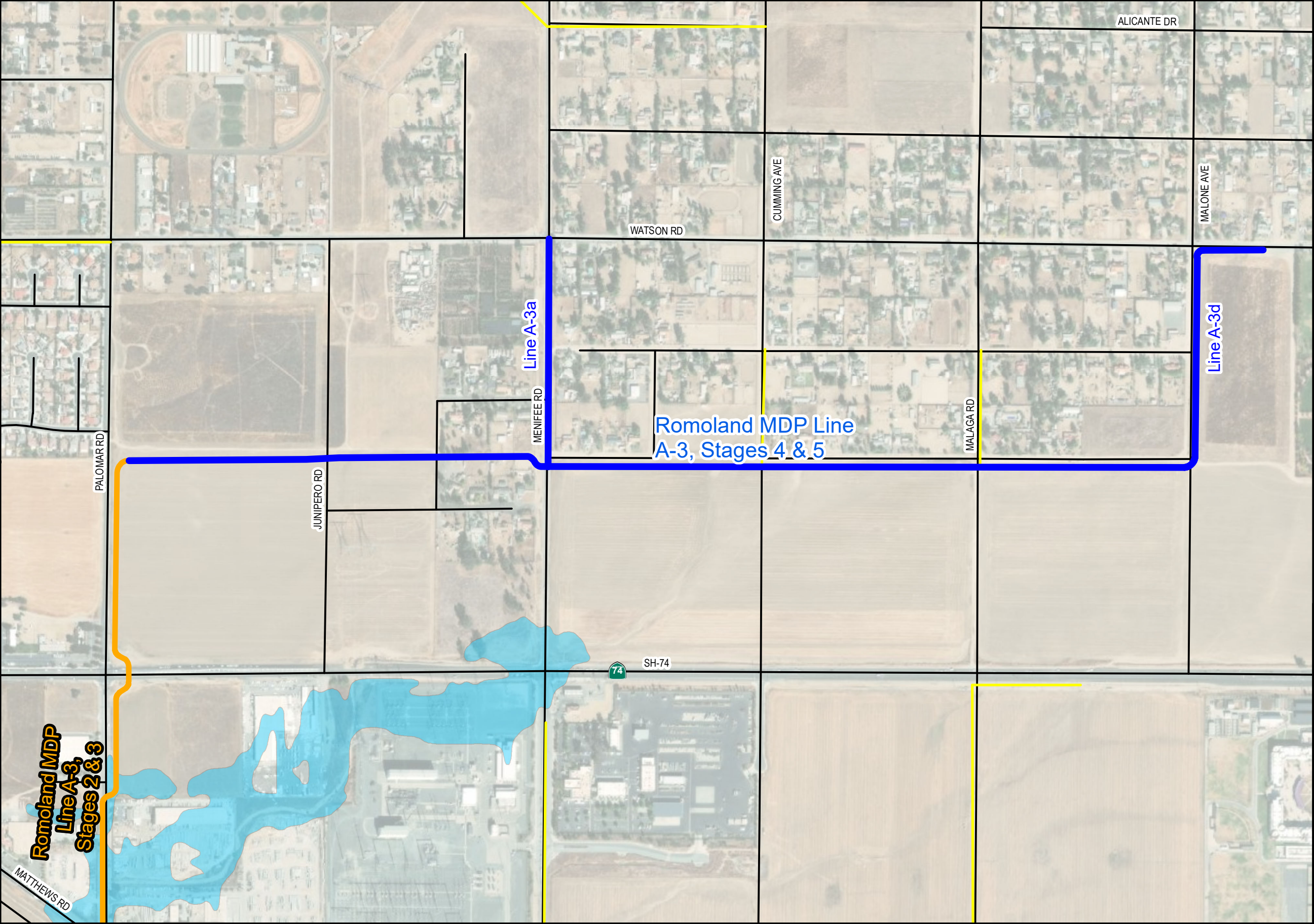


Description

This District-led project is a portion of the Line A-3 system that will ultimately provide 100-year flood protection to the existing neighborhoods along Varela Lane and properties south of Varela Lane and east of Palomar Road. Stages 2 and 3 will construct approximately 3,200 feet of underground box storm drain along Palomar Road and collects runoff beginning at Varela Lane and extends south along Palomar Rd to the existing Stage 1 storm drain in Palomar Road at Mathews Road. This project also enables the future construction of Stages 4 and 5 which extend the system east from Palomar Road along Varela Lane. The full benefit of this project will not be realized until Stages 4 and 5 are also constructed.

- Legend**
- Romoland MDP Line A-3, Stages 2 & 3
 - Other Budgeted CIP Facilities
 - Existing Above Ground District Facilities
 - Existing Below Ground District Facilities
 - Un-budgeted District Facilities
 - FEMA Floodplain





Description

This District-led project will follow the construction of Stages 2 and 3. Stages 4 and 5 will complete the Line A-3 storm drain system east along Varela Lane from Palomar Road to Malone Avenue. The project will collect water north of Varela Lane and convey it west along Varela Lane in an open channel from the upstream end of Malone Ave to Menifee Road. Water is conveyed in an underground storm drain across Menifee Road to the downstream connection with Stage 3 on Palomar Road. The total length of these two stages is approximately 6,510 lineal feet of underground reinforced concrete box/pipe and open channel. Once the entire Line A-3 is completed, the system will help protect properties located along Varela Lane and east of Palomar Road.

Legend

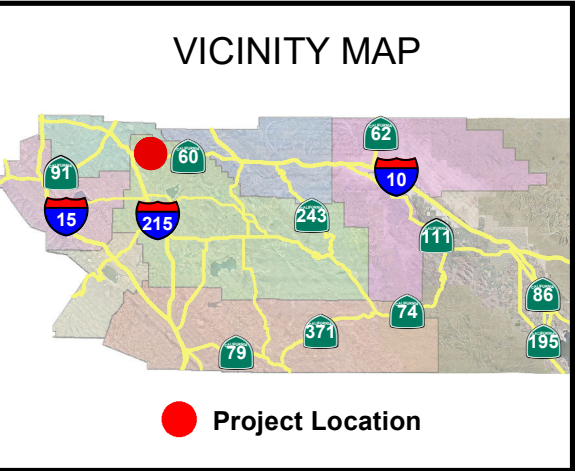
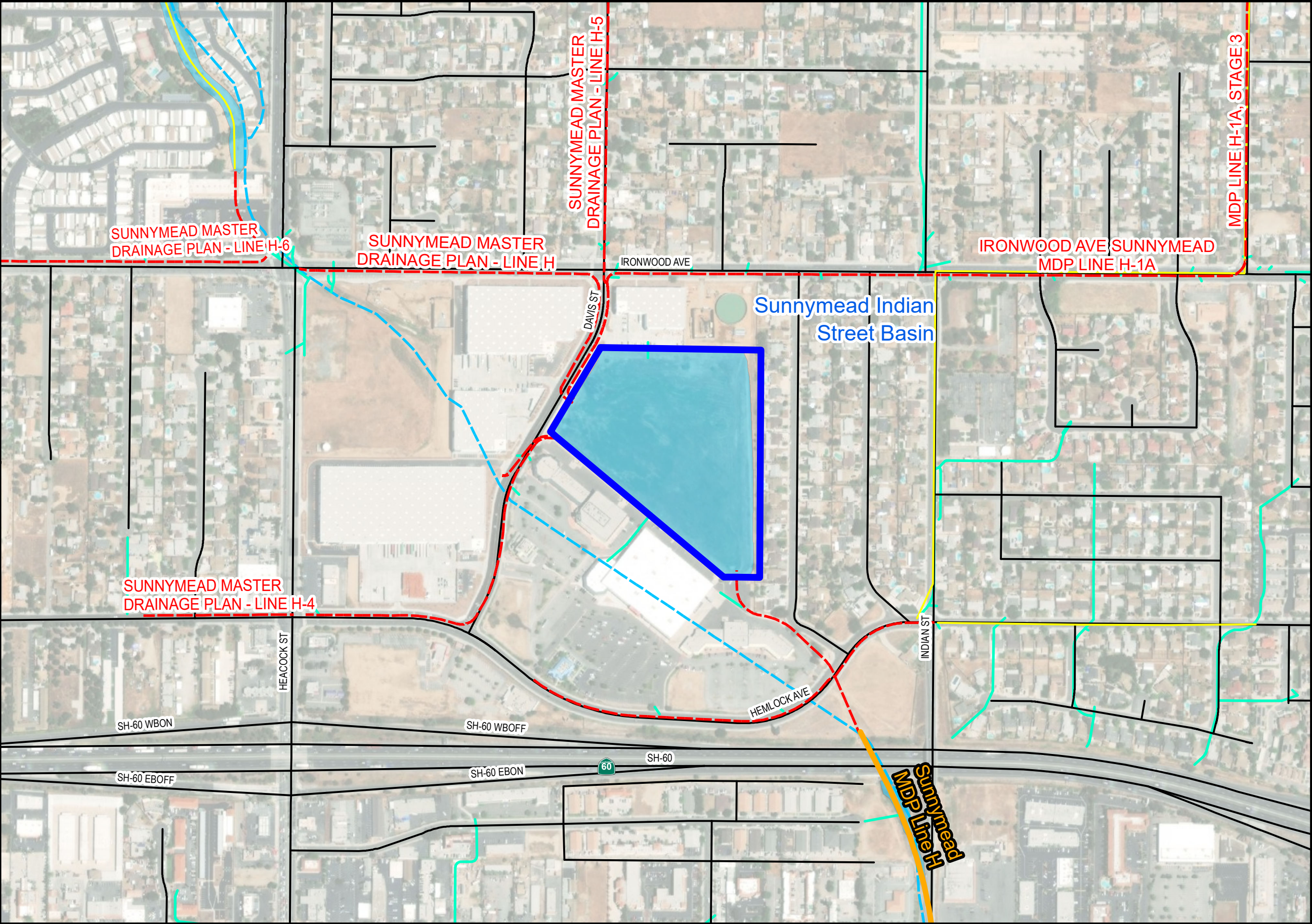
- Romoland MDP Line A-3, Stages 4 & 5
- CIP Facilities Under Construction
- Un-budgeted District Facilities
- FEMA Floodplain

0

600

1,200

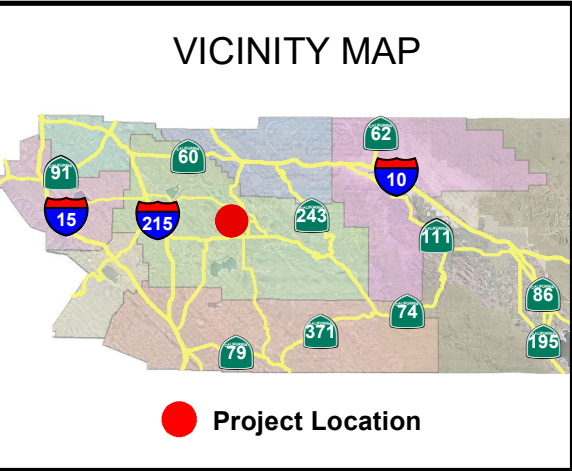
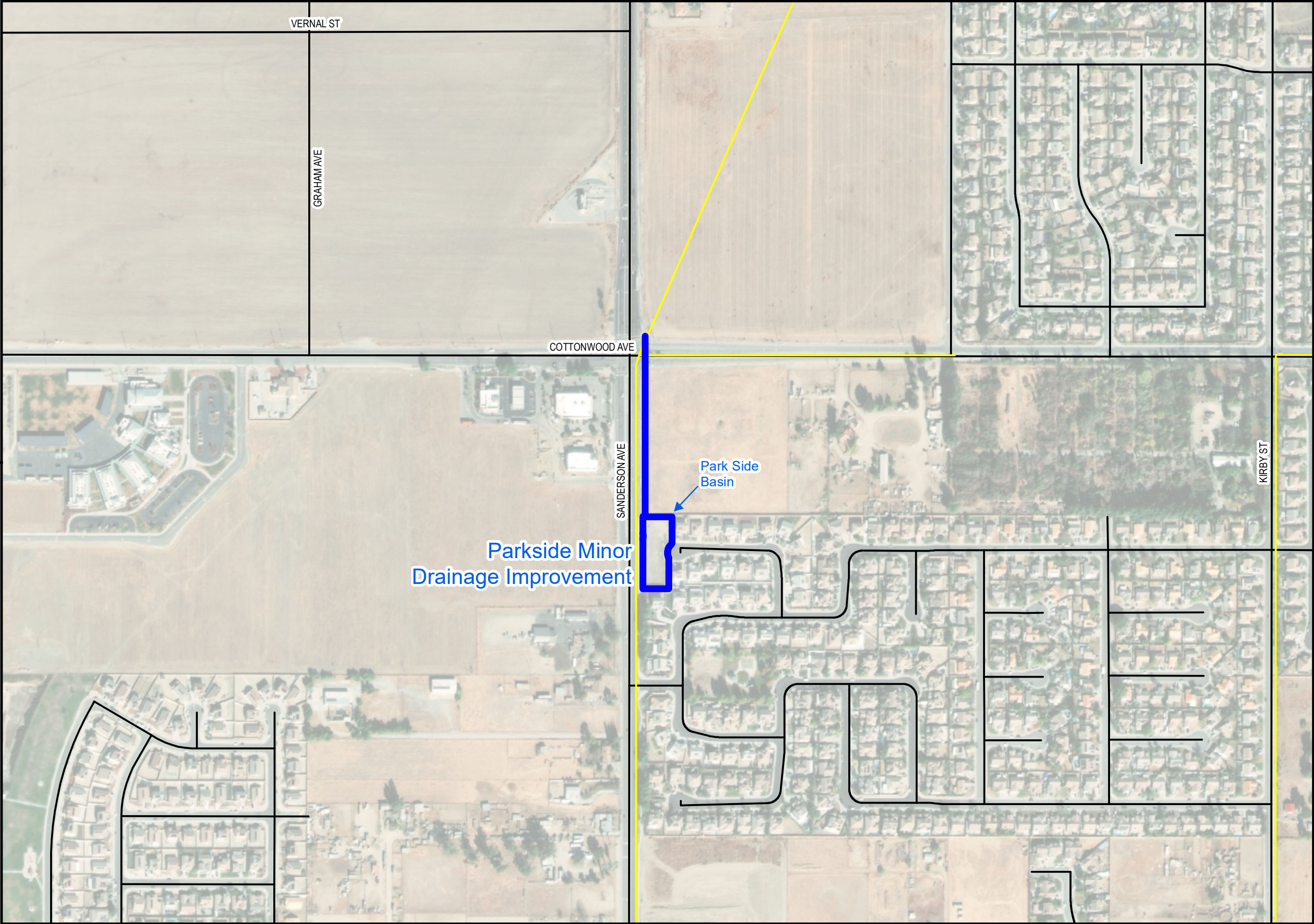
Feet



Description

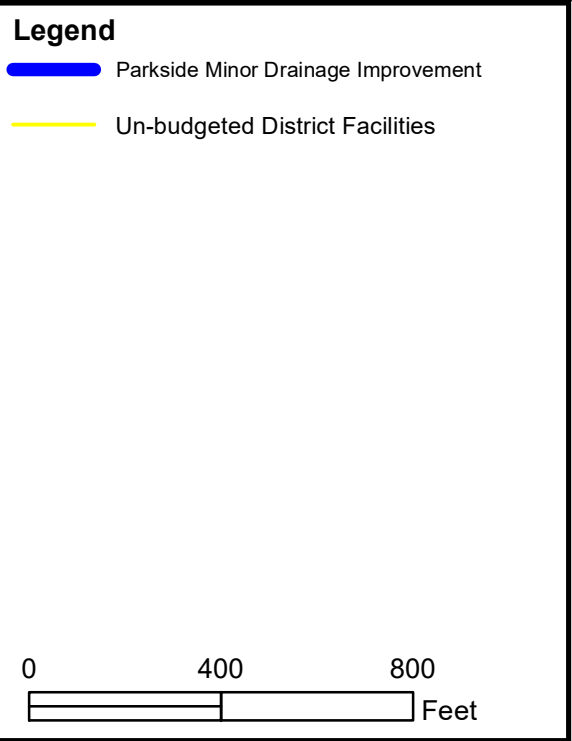
This District-led project provides improvements to the existing City of Moreno Valley-owned Festival Retention Basin located at the southeast area of Ironwood Avenue and Davis Street. The improvements include clearing and removal of vegetation and palm trees, the removal of deposited silts and regrading of the basin floor to establish low flow channel, installation of security and gates, re-establishment of a service road, installation of metal grates at the inlets/outlets, and modifications to the existing basin spillway. The listed improvements will be completed by the District's Operations and Maintenance Division. Upon completion of the improvements, the City is requesting the

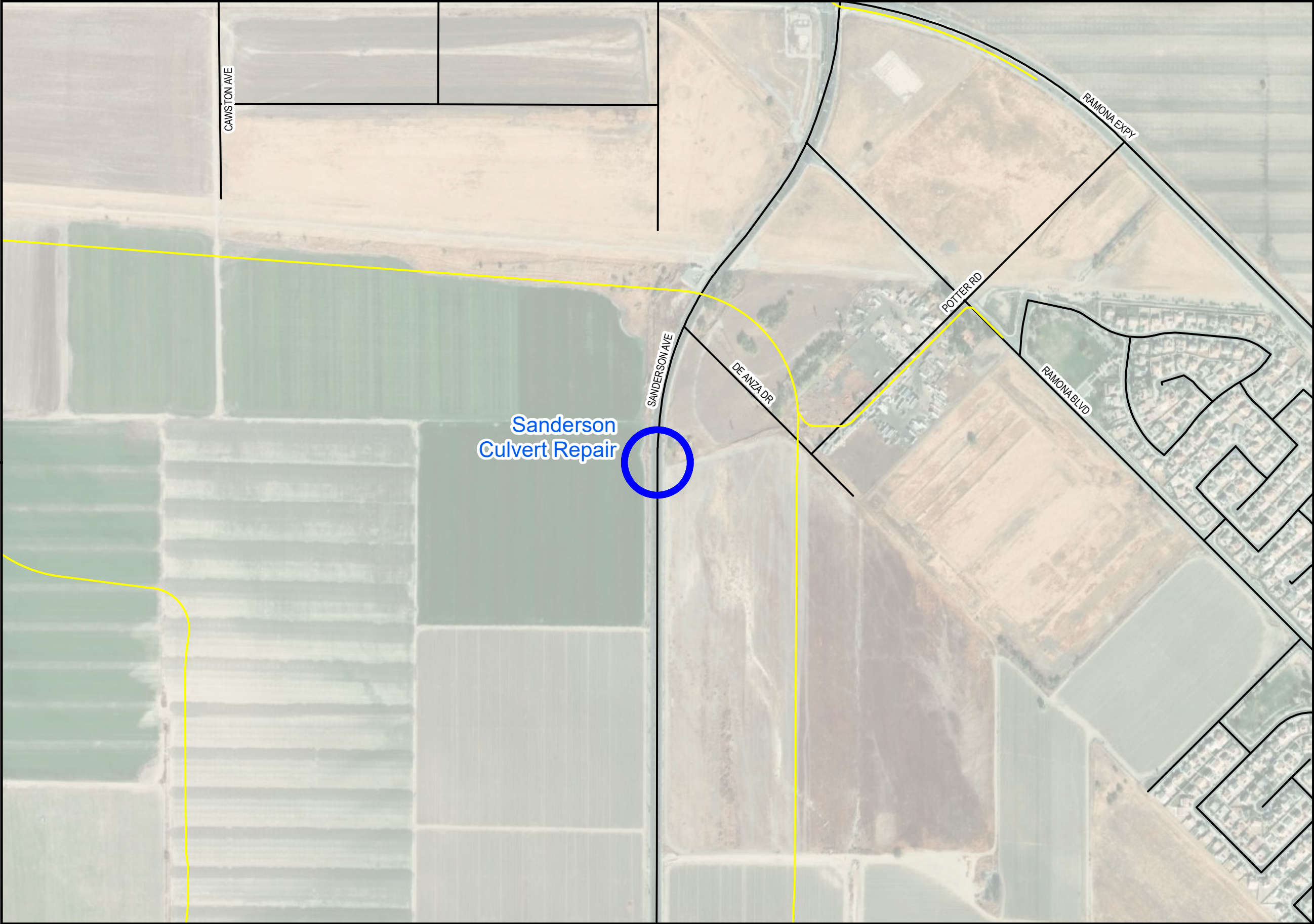




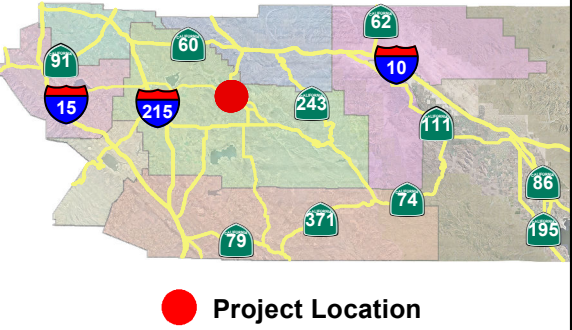
Description

This is a City of San Jacinto-led project to provide flood protection to properties and streets along Sanderson Avenue. The project consists of an upgraded pump and force main extending approximately 800 feet from the Park Side basin and a force main to an existing concrete channel at the intersection of Sanderson Avenue and Cottonwood Avenue.



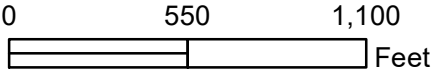


VICINITY MAP



Description
This is a City of San Jacinto-led project to replace a damaged culvert crossing at Sanderson Avenue. Project proposes to construct a transition structure and two 36-inch culvert pipes under Sanderson Avenue. The project stems from the failure of the underground pipe connection, subsequent erosion of subgrade and the development of a sinkhole. The City has implemented a temporary fix to the sinkhole as an interim solution. The project will alleviate flooding issues along the street.

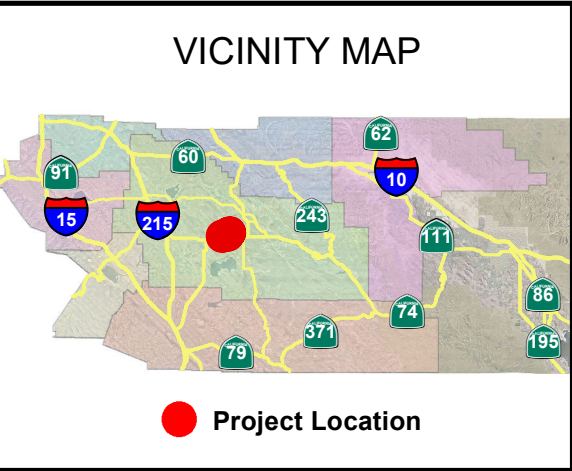
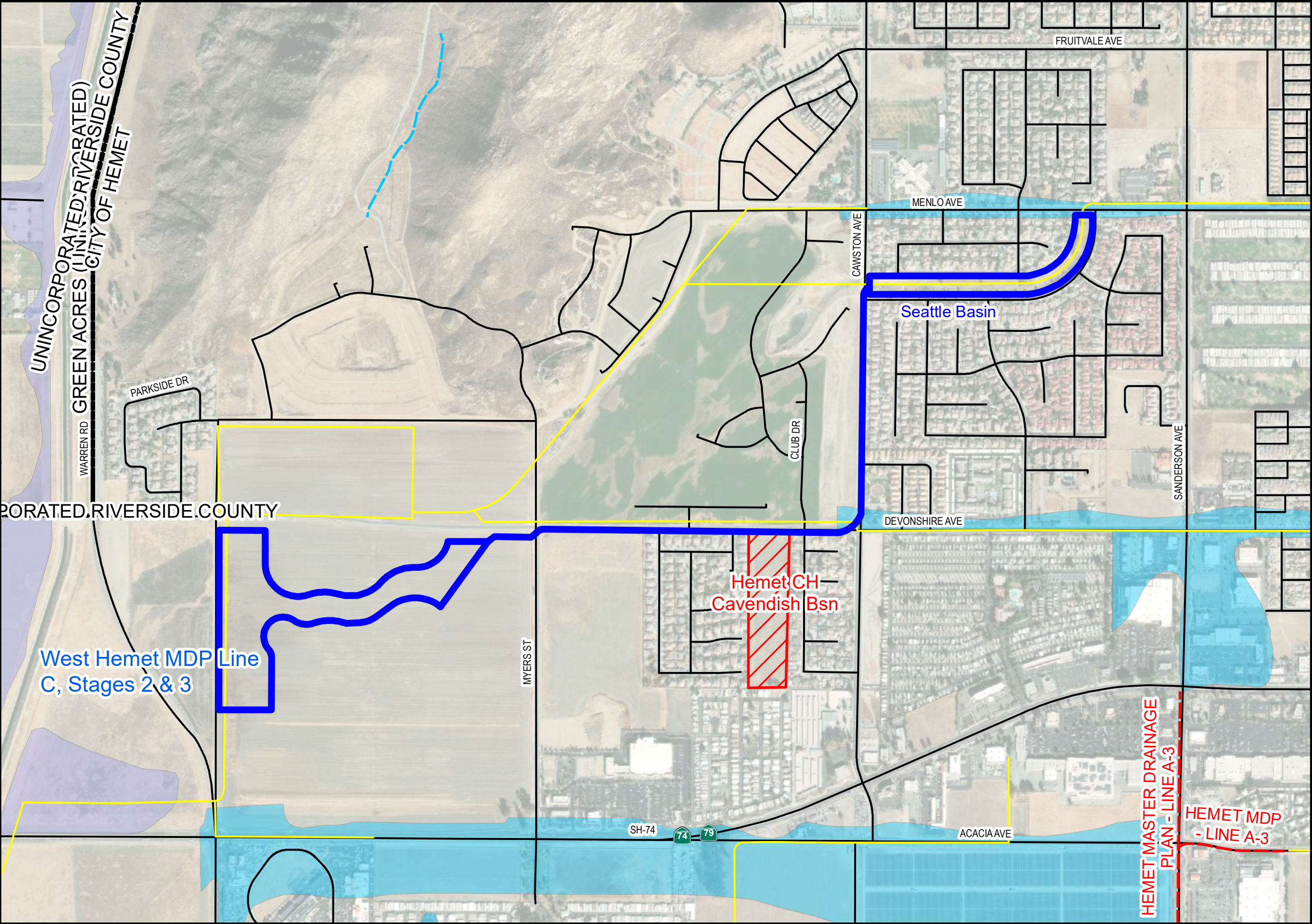
- Legend**
- Sanderson Culvert Repair
 - Un-budgeted District Facilities



RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
Sanderson Culvert Repair
Supervisory District 5



Project No.	4-6-10002
Engineer	T. Hanson
Date Created	6/29/2022



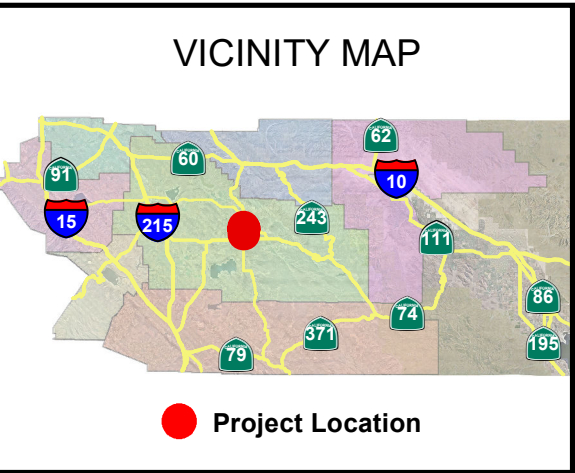
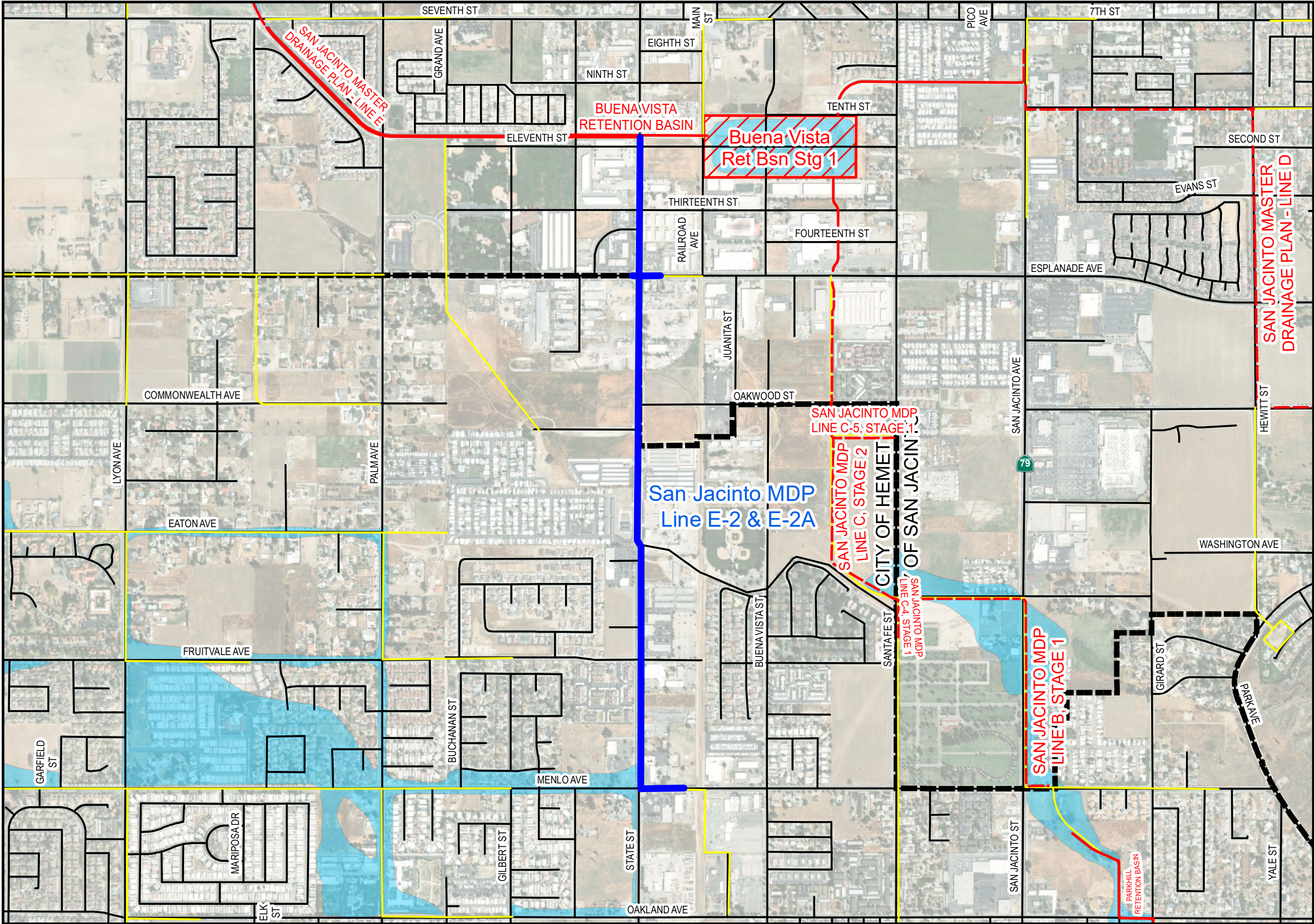
Description

This is a partnership project between the District, City of Hemet and the Developer for Tracts 36510 and 36759. This project has been previously referred to in the budget as West Hemet Master Drainage Plan Interim Improvements (4-8-09068). The project includes drainage channel to provide flood protection to the surrounding community. The system consists of approximately 4,700 feet of primarily earthen open channel which will convey flows from the existing City maintained Seattle Basin along Cawston Avenue and westerly along Devonshire Avenue (West Hemet Line C, Stage 3). Stage 3 will be designed by the Developer and will be constructed by the District. The system will continue across Myers Street as an underground reinforced concrete box storm drain for approximately 600 feet southwesterly of Myers Street and Devonshire Avenue (West Hemet Line C, Stage 2) and will outlet into a privately maintained basin for Tract 36510 (Ramona Creek Basin); Stage 2 will be designed and constructed by the Developer. Both West Hemet Line C, Stages 2 and 3 will be maintained by the District. This project will address the City's request to solve the ongoing drainage issue at Seattle Basin and will also provide a path forward for Tracts 36510 and 36759 by capitalizing on the timing of the design and construction of drainage improvements. This project is funded by cost sharing between the District, City of Hemet and a Developer.

Legend

- West Hemet MDP Line C, Stages 2 & 3
- Existing Below Ground District Facilities
- Existing Facilities Area
- Un-budgeted District Facilities
- Natural Flowlines
- City Boundary
- FEMA Floodplain
- Flood Hazard Area

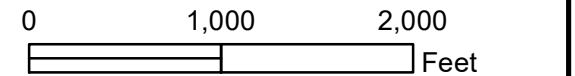
0 800 1,600 Feet

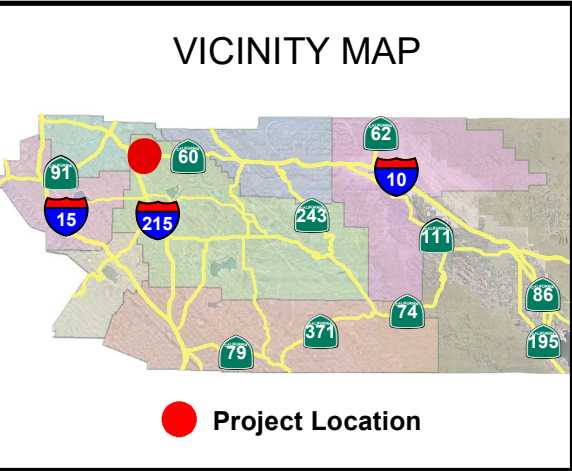
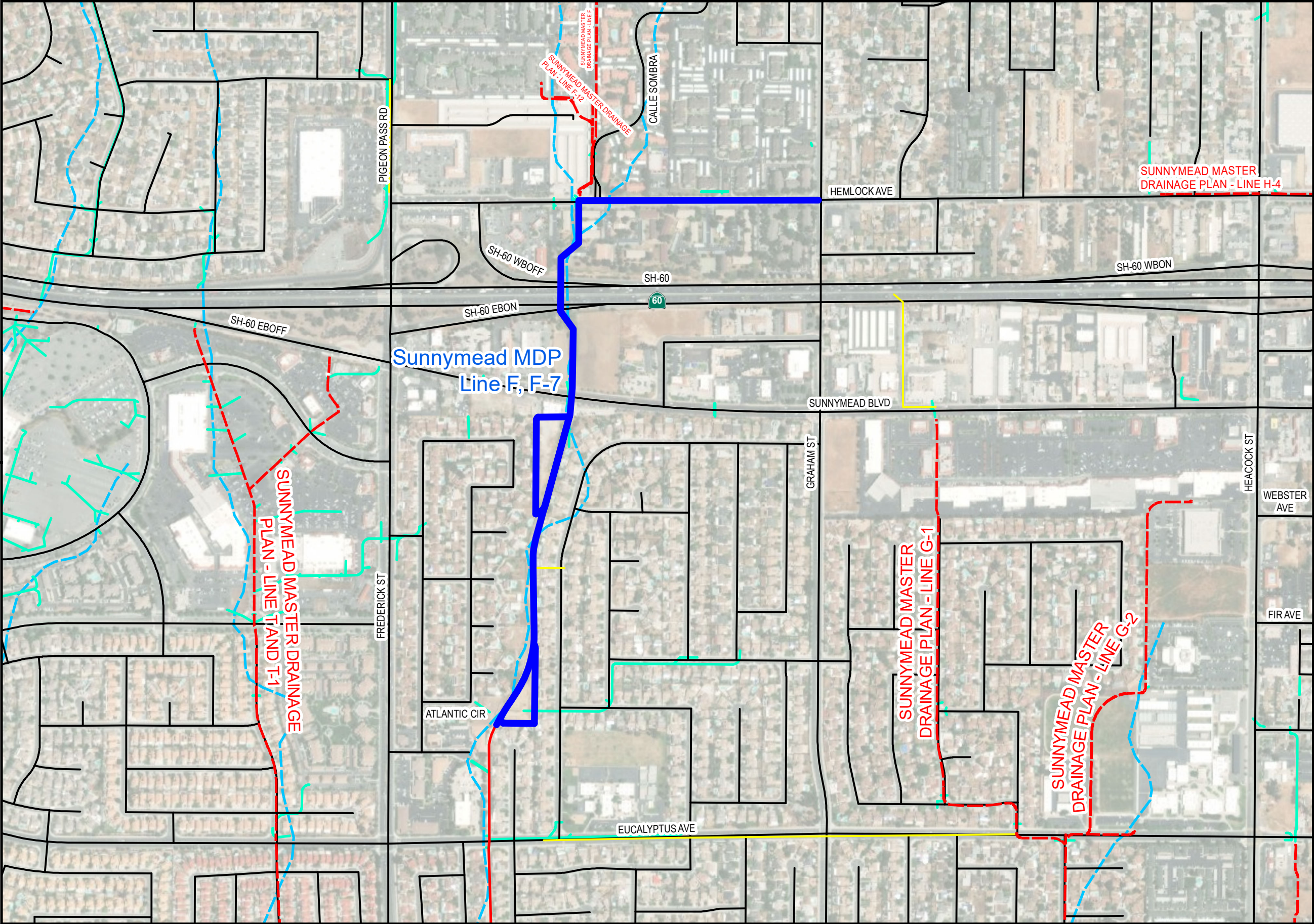


Description

This is a City of San Jacinto-led project to provide flood protection to properties along State Street. The project consists of an underground storm drain ranging in pipe diameter from 30-inches to 72-inches that will collect 100-year storm runoff beginning in Menlo Avenue approximately 600 feet east of State Street and convey it north through State Street to the existing San Jacinto Line E improved channel. The approximate length of the facility is 7,000 feet.

- ### Legend
- San Jacinto MDP Line E-2 & E-2A
 - Existing Above Ground District Facilities
 - Existing Below Ground District Facilities
 - Existing Facilities Area
 - Un-budgeted District Facilities
 - City Boundary
 - FEMA Floodplain

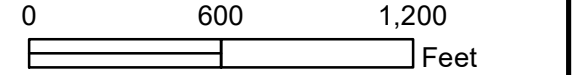


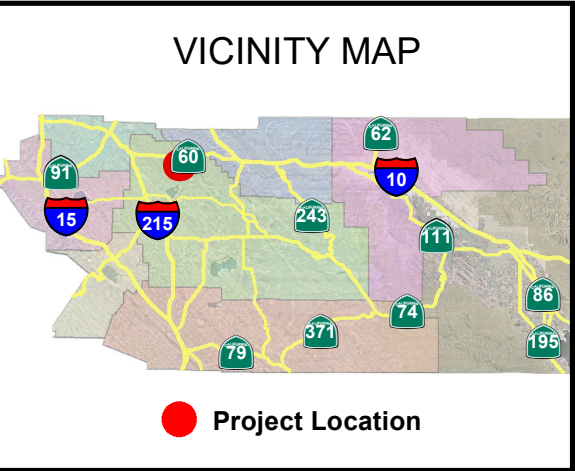
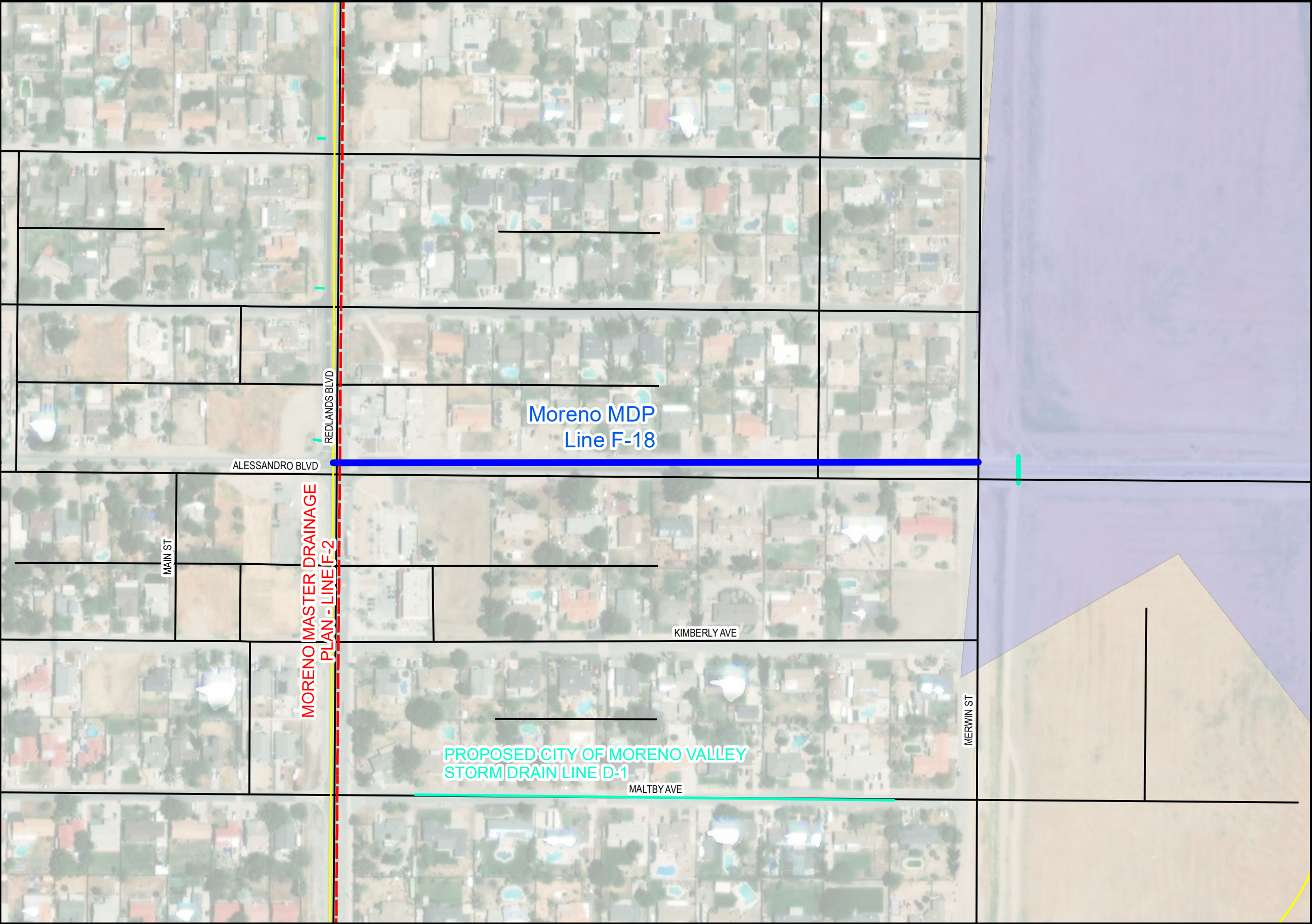


Description

This City of Moreno Valley-led project will reduce flooding for the homes and apartments along Hemlock Avenue, the businesses on Sunnymead Boulevard, and homes and local streets between Sunnymead Boulevard and Eucalyptus Avenue. The project will begin north of the 60 Freeway near Hemlock Avenue and Graham Street and extend westerly in an underground storm drain to Calle Sombra, where it will turn south under the 60 Freeway. South of the Freeway, the project transitions to an open channel that continues south along the existing wash until it discharges to the existing channel east near Atlantic Circle. The overall project is 5,000 feet. The project also includes two small retention basins to attenuate flows south of Sunnymead Boulevard.

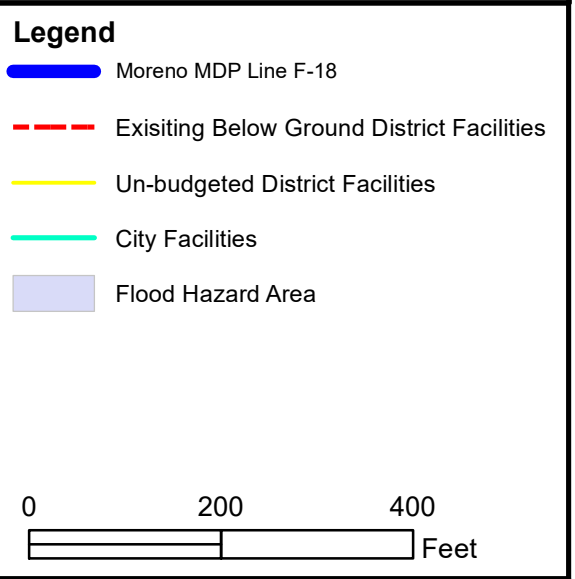
- Legend**
- Sunnymead MDP Line F, F-7
 - Existing Above Ground District Facilities
 - Existing Below Ground District Facilities
 - Un-budgeted District Facilities
 - City Facilities
 - Natural Flowlines

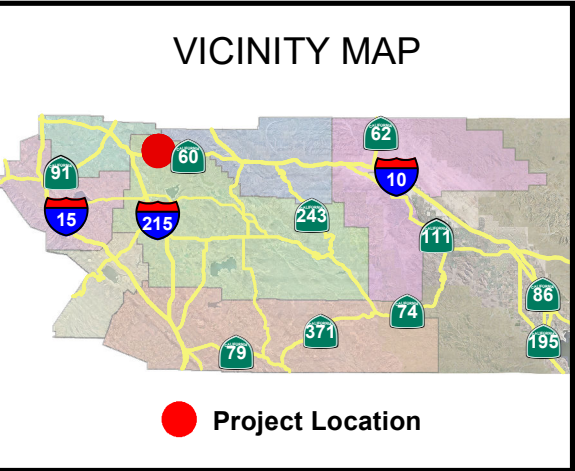
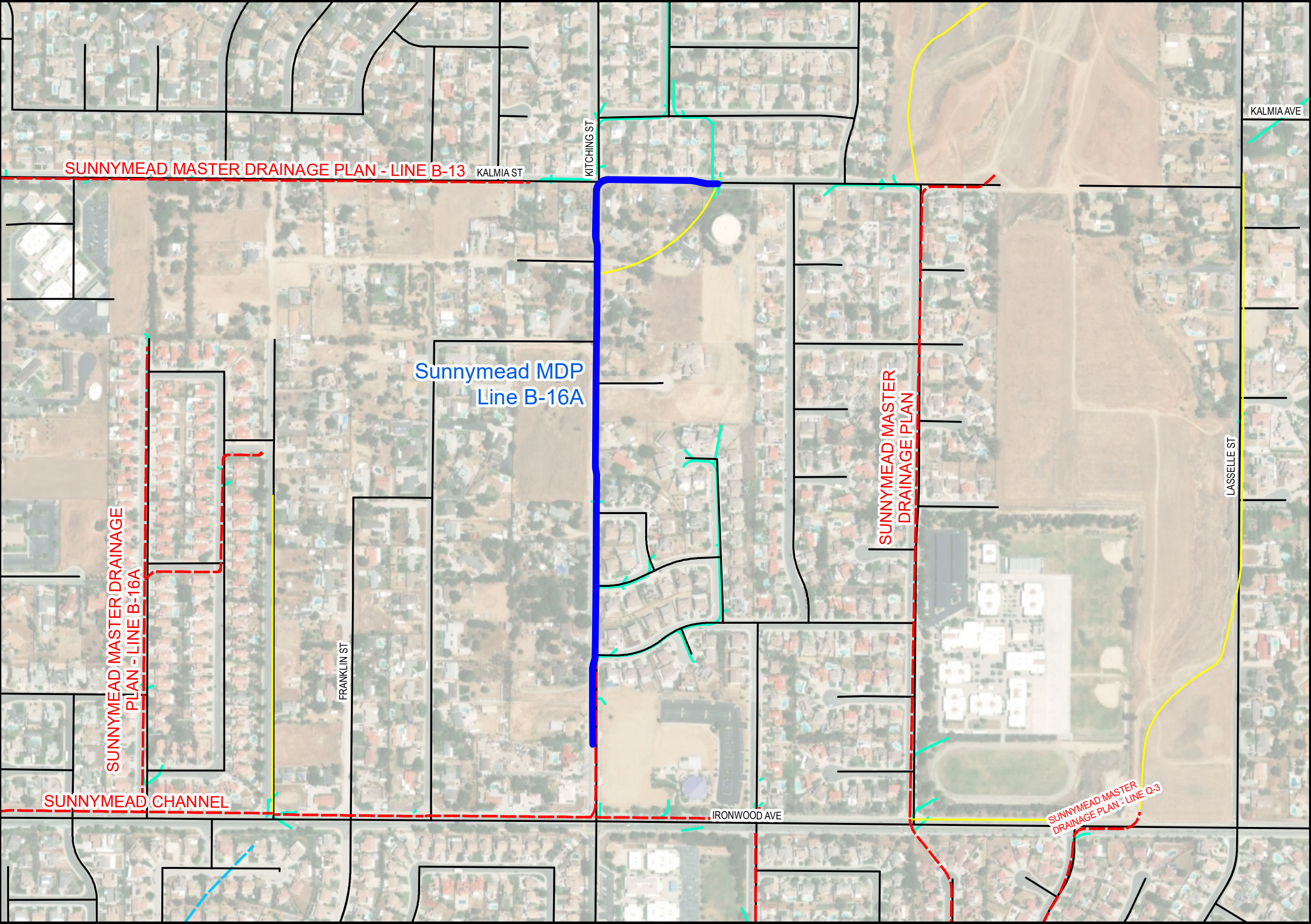




Description

This City of Moreno Valley-led project includes Master Drainage Plan (MDP) Line F-18 and City of Moreno Valley Line D-1 (replacing F-19). Line F-18 is approximately 1,300 feet of reinforced concrete pipe (RCP) and will capture flows from Alessandro Boulevard between Merwin Street and convey flows towards Redlands Boulevard, connecting into the existing MDP Line F-2. City Line D-1 is approximately 1,100 feet of RCP and will capture flows from Maltby Ave and convey flows towards Redlands Boulevard, connecting into existing MDP Line F-2. The project had originally proposed for construction of MDP Line F-19; however, the City prefers to construct Line D-1, which would provide flood protection to existing homes and residents south of Maltby Ave. Line F-19 per the MDP will be considered for construction later, separate from this project. This project will provide flood protection to the streets and the surrounding residents.

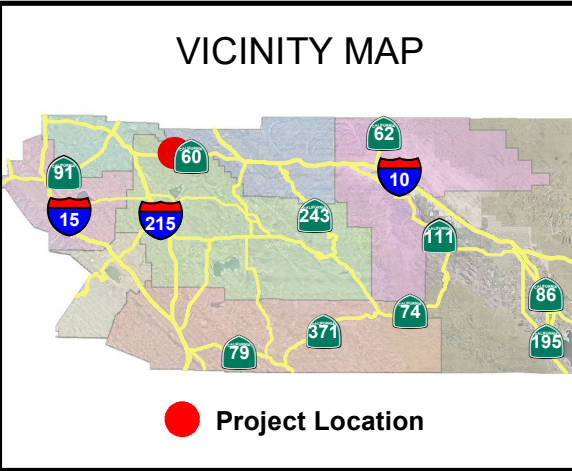
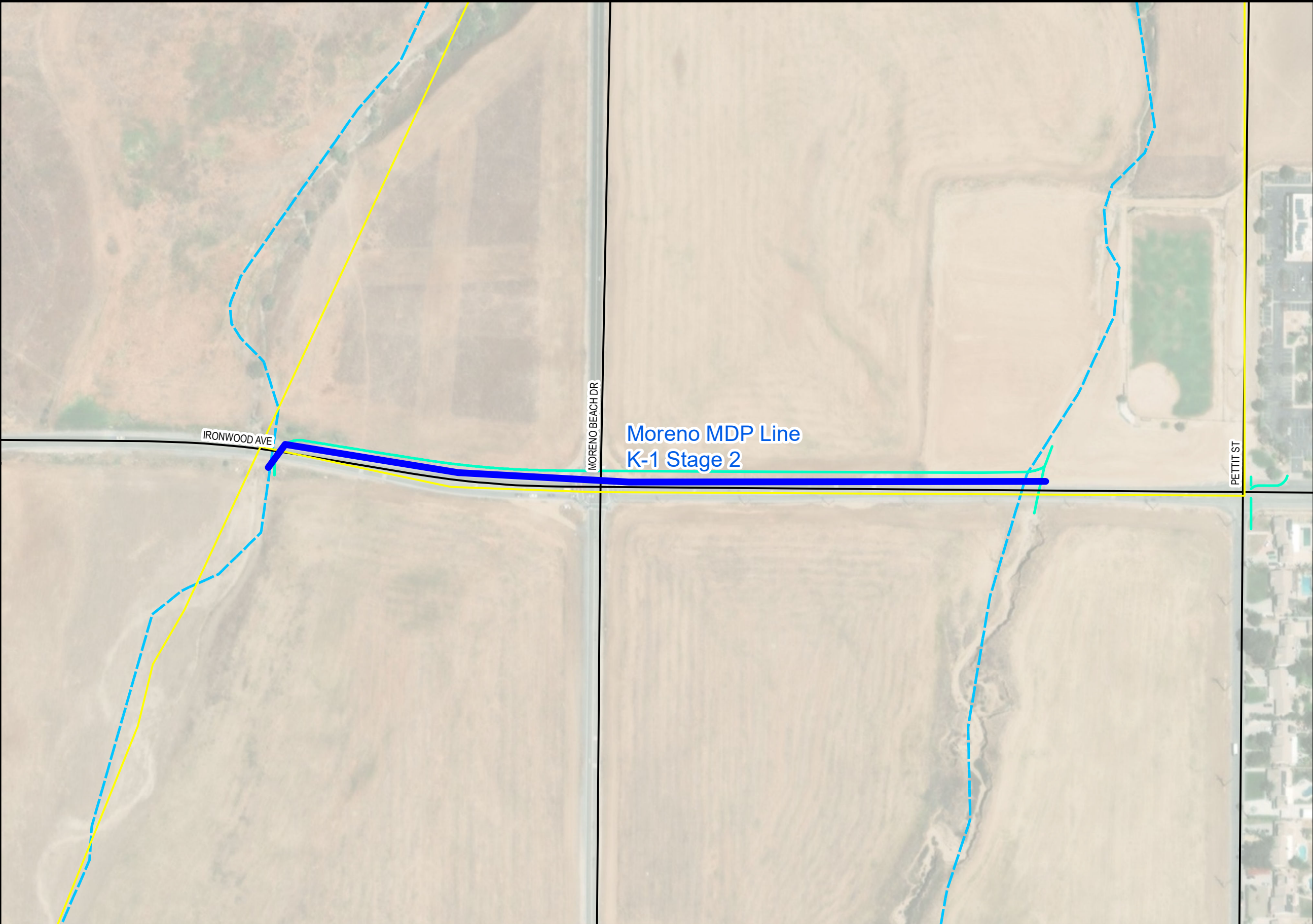




Description

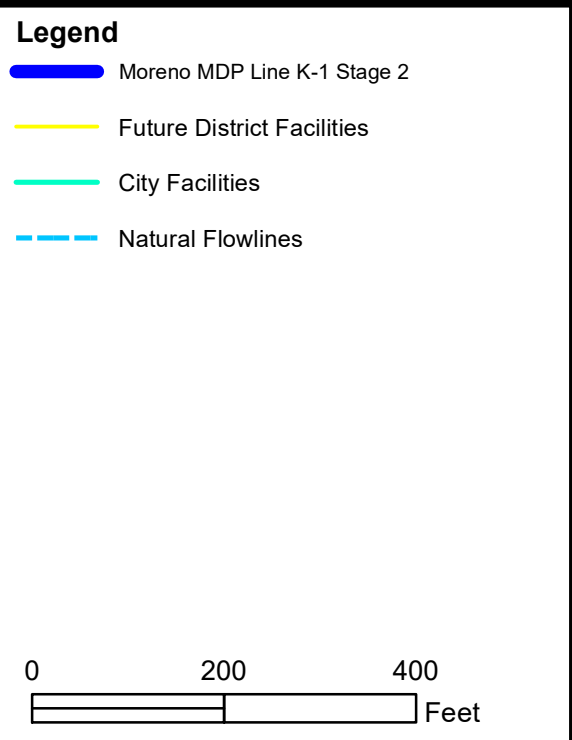
This is a City of Moreno Valley-led project to reduce flooding problems along Kitching Street and the surrounding community. Line B-16A will collect the 10-year runoff from Kalmia St and convey it approximately 3,100 feet south within Kitching Street in an underground storm drain (24"-36") and will discharge into the existing District Sunnymead B-16A Stage 1 storm drain located north of Ironwood Avenue. Implementation of the project may also reduce erosion and sediment accumulation along Kitching Street.

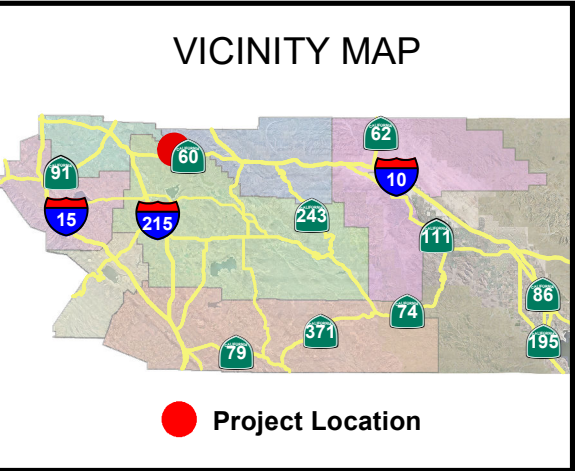
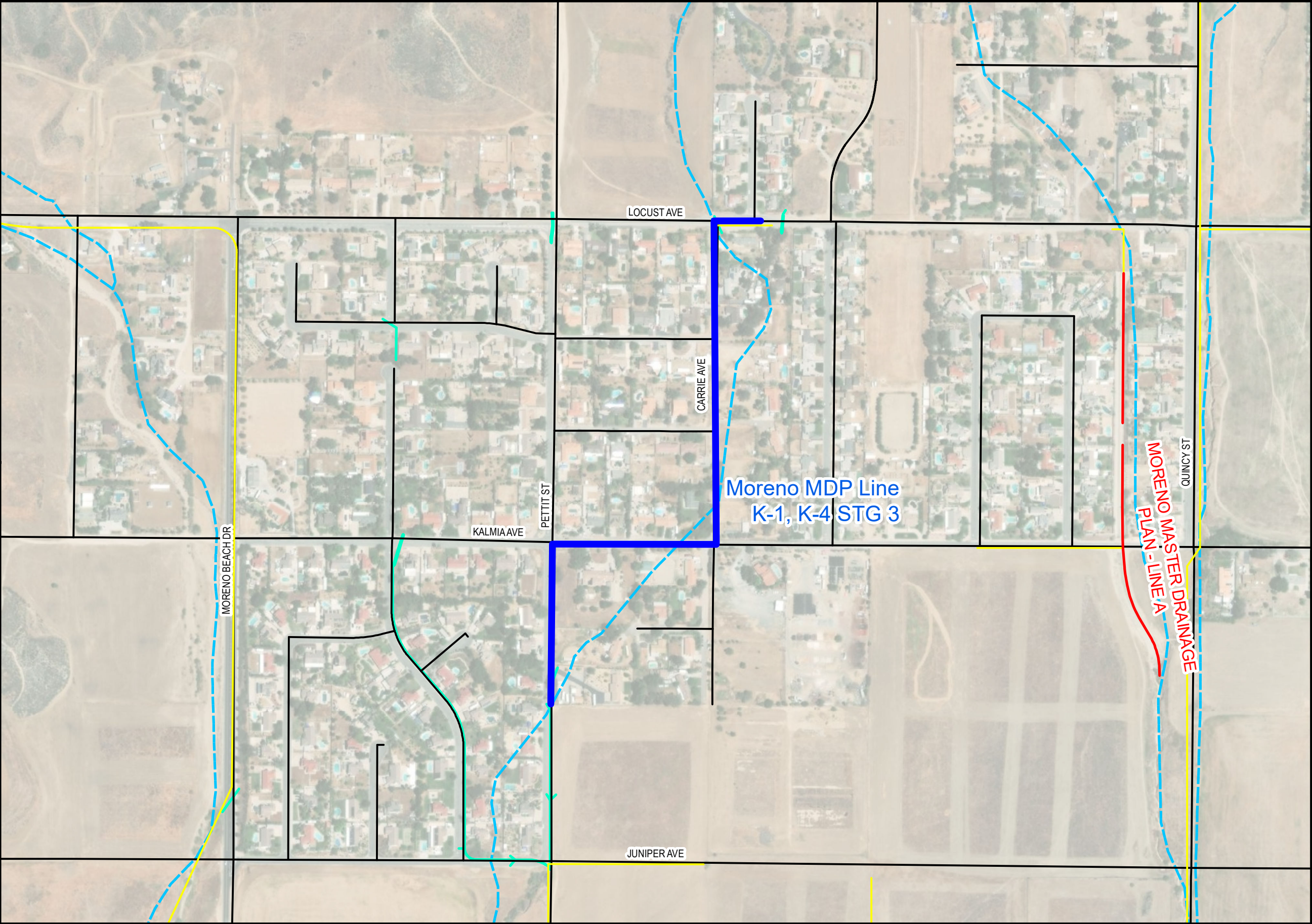




Description

This City of Moreno Valley-led project consists of an underground facility that will reduce local street flooding. Project is located west of the intersection of Petite Street and Ironwood Avenue and will include for approximately 1,600 feet of storm drain which will collect and convey flows from east to west within Ironwood Avenue.






Description

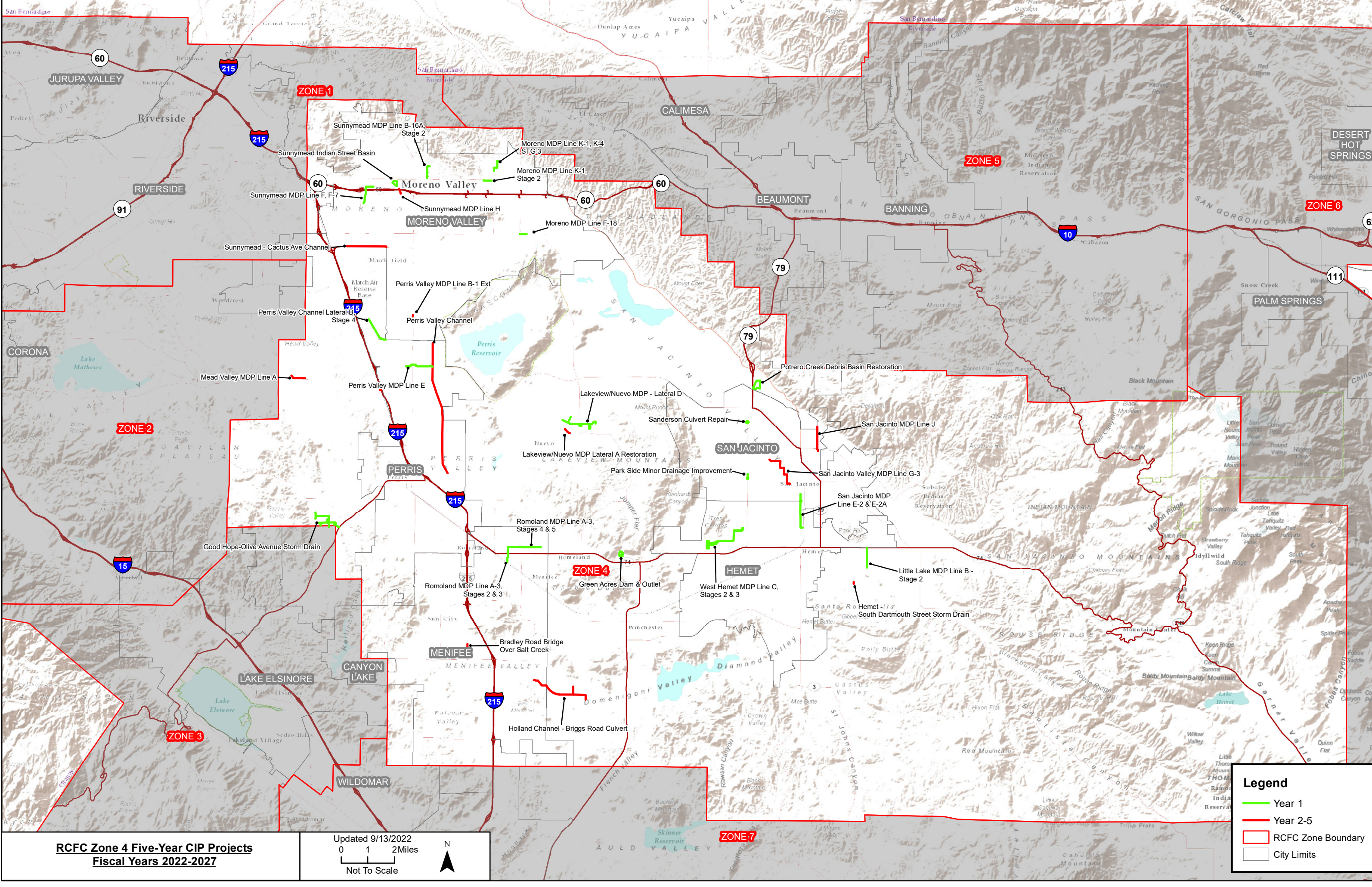
This City of Moreno Valley-led project will construct an underground storm drain, approximately 2,300 feet that will mitigate frequent flooding affecting the residents and streets along Carrie Lane, Kalmia Avenue and Pettit Street. It will collect the 100-year flows southerly in Carrie Lane, west in Kalmia Avenue, then south within Pettit Street where it will outlet into an existing City storm drain.

Legend

- Moreno MDP Line K-1, K-4 STG 3
- Existing Above Ground District Facilities
- Un-budgeted District Facilities
- City Facilities
- Natural Flowlines

0 400 800 Feet

	Project No.	4-8-00766
	Engineer	A. Leung
	Date Created	6/29/2022



RCFC Zone 4 Five-Year CIP Projects
Fiscal Years 2022-2027

Updated 9/13/2022
0 1 2 Miles
Not To Scale



Legend

- Year 1
- Year 2-5
- RCFC Zone Boundary
- City Limits

Zone 4 Budget Hearing

December 8, 2022



For attendees participating 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



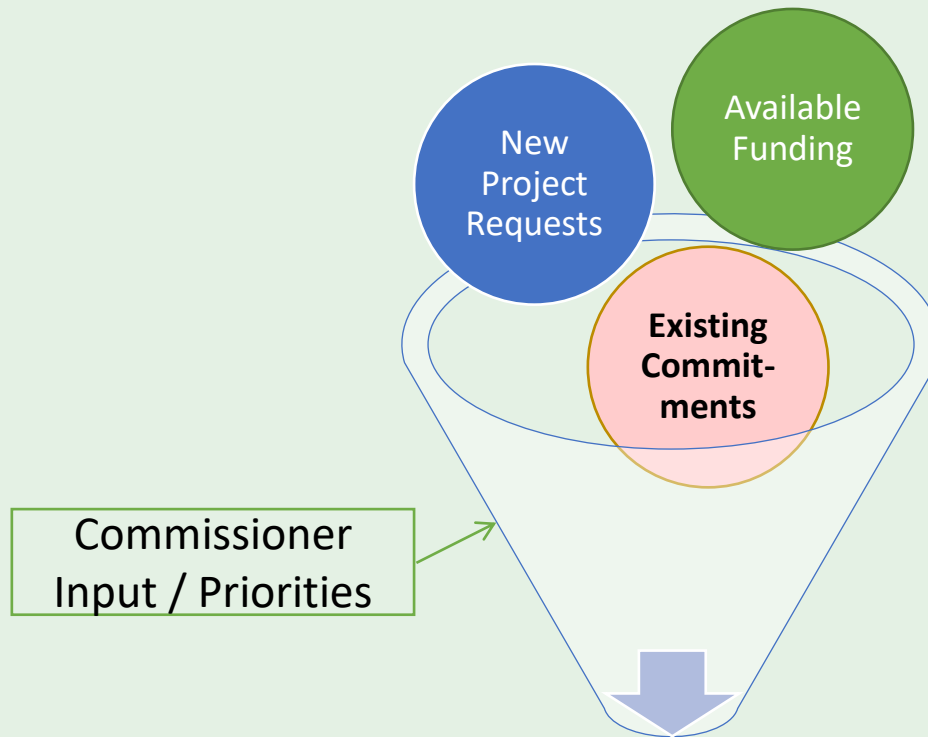
- Riverside County Flood
 - Dams, levees
 - Regional channels and storm drains
- Cities/County
 - Road culverts
 - Smaller storm drains ($\leq 36"$)
 - Catch basins (roadside inlets)
- Rural Property Owners/HOAs
 - Other drainage infrastructure
 - Natural washes



Hearing

New
Project
Requests

Hearing



District Staff Evaluate projects, costs, funding

Workshop





Available
Funding

Sunita Jain

Administrative Services Supervisor

ZONE 4

ROY "PETE" BLECKERT, 5th District

KEN GRAFF, 3rd District

BRAD SCOTT, split 3rd/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 2021–2022

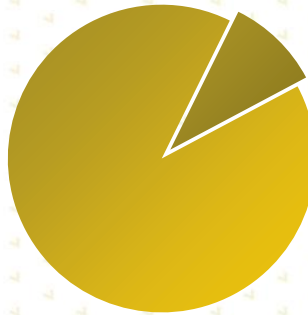
JULY 1, 2021 \$63,087,096

JUNE 30, 2022 \$59,718,287

Sources

(Where the money comes from)

TOTAL \$27,414,000



Other – 10%
\$2,720,000

Property Taxes – 90%
\$24,694,000

Expenditures

(Where the money is spent)

TOTAL \$30,783,000



Services & Supplies – 13%
\$3,973,000

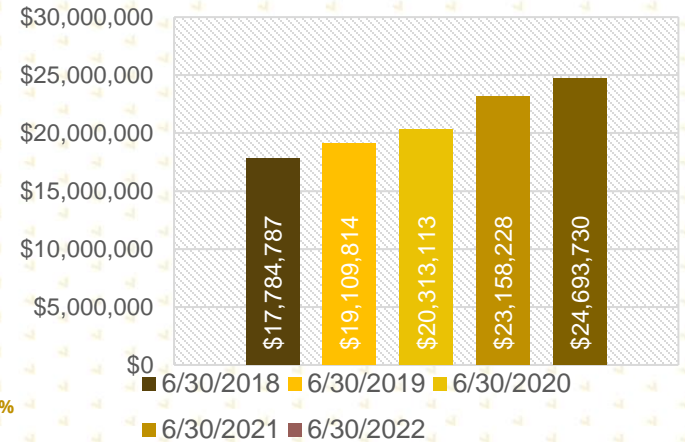
Other – 16%
\$4,843,000

Salaries & Benefits – 40%
\$12,489,000

Capital Assets – 31%
\$9,478,000

Property Taxes

(5 year trend)



Uses

(How the money is used)

TOTAL \$30,783,000



Administration – 24%
\$7,410,000

Debt Service – 9%
\$2,824,000

General Zone Work – 6%
\$1,820,000

Maintenance – 11%
\$3,307,000

District Led Projects – 46%
\$14,223,000

Partner Led Projects – 4%
\$1,199,000

ZONE 4

ROY "PETE" BLECKERT, 5th District

KEN GRAFF, 3rd District

BRAD SCOTT, split 3rd/5th District

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

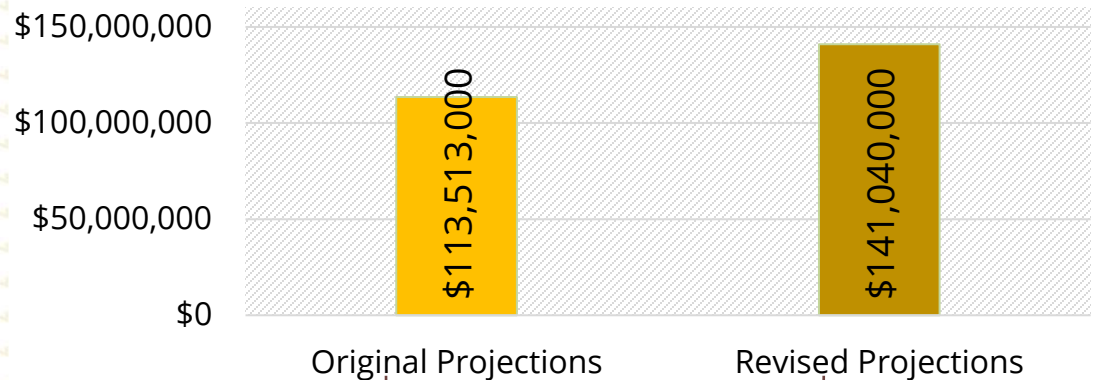
The district must consider public safety above all else, but also strive to develop the most economical project possible consistent with this obligation.

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



Forecasting
FY23-24 thru FY27-
28

Original Projections vs. Revised Projections Additional Revenue Available




Additional
Revenue
\$27,527,000



5th Year Of
New CIP
FY27-28
\$22,995,000

Forecasting \$50,522,000 to be available for Cost Increases
on Existing Projects and New Requests

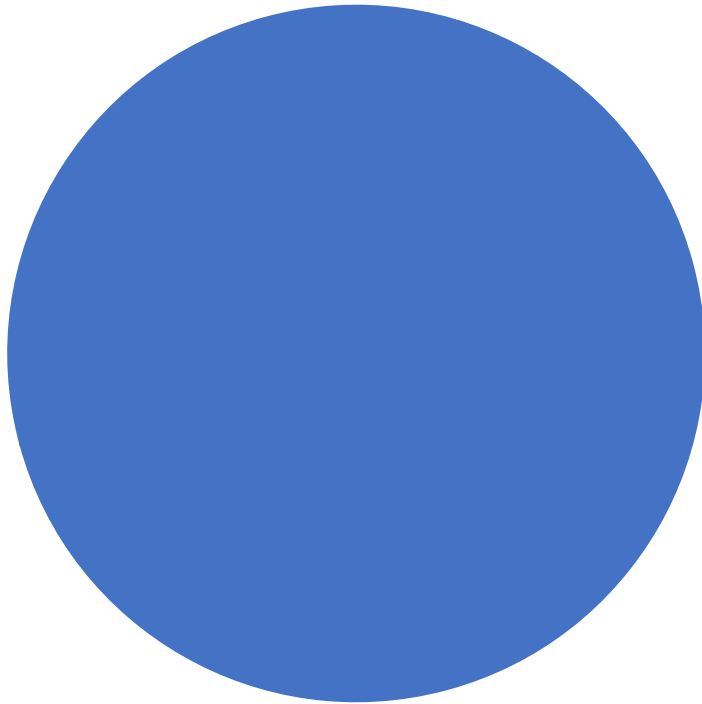


**Existing
Commitments**

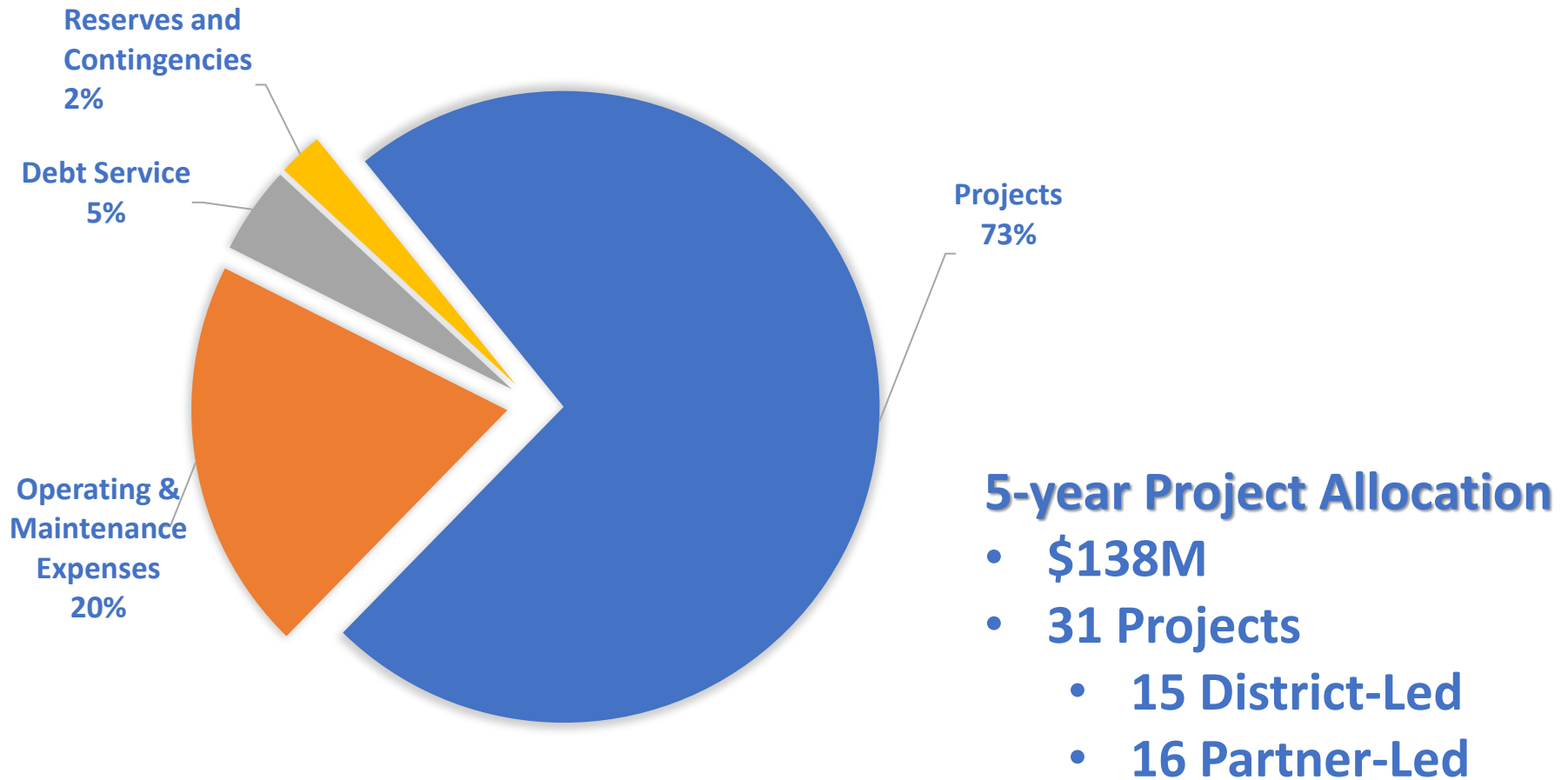


Komy Ghods
Chief of Design and Construction

Estimates from last February



5-Year Allocations per CIP



RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
DISTRICT LED PROJECT SUMMARY - ZONE 4
FISCAL YEARS 2022-23 THROUGH 2026-27

Project Number	Stg No.	Project Title	Project Cost	Appropriation		Funding Sources (5-Year Total)			Total Not District Funded
			Total Remaining Cost	FY 2022-23	FY 2023-27	Tax Revenue	ADP Contribution	External Contribution	
DESIGN AND CONSTRUCTION PROJECTS									
4-8-00009	04	PERRIS VALLEY CHANNEL LATERAL B	\$16,871,944	\$604,334	\$16,267,610	\$12,871,944	\$0	\$4,000,000	\$0
4-8-00025	90	POTRERO CREEK DB EMERGENCY SEDIMENT RMVL	701,950	701,950	0	701,950	0	0	0
4-8-00265	02	LITTLE LAKE MDP LINE B STG 2	8,764,238	321,404	8,442,834	8,764,238	0	0	0
4-8-00330	00	GREEN ACRES DAM & OUTLET	15,965,505	282,119	9,936,066	10,218,185	0	0	(5,747,320)
4-8-00331	01	LAKEVIEW NUEVO MDP LATERAL D	11,304,722	945,416	10,359,306	10,281,959	22,763	1,000,000	0
4-8-00425	01	GOOD HOPE-OLIVE AVENUE STORM DRAIN	16,414,473	675,244	15,739,229	16,414,473	0	0	0
4-8-00431	02	ROMOLAND MDP, LINE A-3 Stg 2 & 3	1,189,880	1,189,880	0	1,123,952	65,928	0	0
4-8-00431	04	ROMOLAND MDP, LINE A-3 STG 4 & 5	9,069,175	673,988	8,395,187	9,069,175	0	0	0
4-8-00735	90	SUNNYMEAD-INDIAN STREET BASIN	987,790	99,590	888,200	987,790	0	0	0
PLANNING PROJECTS									
4-8-00010	02	PERRIS VALLEY CHANNEL	1,052,476	0	1,052,476	0	1,052,476	0	0
4-8-00219	01	HEMET S DARTMOUTH ST SD	410,406	0	410,406	410,406	0	0	0
4-8-00410	01	MEAD VALLEY MDP LINE A	9,272,000	0	1,000,000	1,000,000	0	0	(8,272,000)
4-8-00486	04	PERRIS VALLEY MDP LINE B-1 EXT	896,000	0	896,000	896,000	0	0	0
4-8-09110	00	LAKEVIEW NUEVO MDP LATERAL A RESTORATION	1,010,845	0	1,010,845	1,010,845	0	0	0
4-8-09115	00	PERRIS VALLEY MDP LINE H-12	489,189	0	489,189	489,189	0	0	0
DESIGN AND CONSTRUCTION PROJECTS			\$81,269,677	\$5,493,925	\$70,028,432	\$70,433,666	\$88,691	\$5,000,000	(\$5,747,320)
PLANNING PROJECTS			13,130,916	0	4,858,916	3,806,440	1,052,476	0	(8,272,000)
ZONE 4 DISTRICT LED PROJECTS TOTALS			\$94,400,593	\$5,493,925	\$74,887,348	\$74,240,106	\$1,141,167	\$5,000,000	(\$14,019,320)

FIVE YEAR CIP SUMMARY

FUND BALANCE FORWARD - JULY 1, 2022:

Zone 4 Fund	\$49,009,826
ADP Sub Fund	8,802,194
Total Fund Balance Forward	\$57,812,020

REVENUE:

Taxes	\$113,513,772
Interest	263,657
ADP Fees	100,000
Rental	70,000
Subtotal Revenue	113,947,429
External Contribution	21,450,307
Total Five Year Revenue	\$135,397,736
TOTAL FUNDS AVAILABLE	\$193,209,756

APPROPRIATIONS:

District Led Projects Appropriations	\$80,381,273
Partner Led Projects Appropriations	59,667,967
Miscellaneous Watershed Protection Projects	1,000,000
Capital Project Cost Inflation	2,091,941
Operating & Maintenance Expenses	37,912,014
Contingencies	2,200,761
Debt Service Payment - Promissory Note	8,458,750
Subtotal Appropriations	\$191,712,706

ENDING FUND BALANCE - JUNE 30, 2027:

Zone 4 Fund	\$560,906
ADP Sub Fund	936,144
Total Ending Fund Balance	1,497,050

Existing Commitments

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
PARTNER LED PROJECT SUMMARY - ZONE 4
FISCAL YEARS 2022-23 THROUGH 2026-27

Project Number	Stg No.	Project Title	Project Cost	Project Appropriation				Funding Sources			Total Not District Funded
				FY 2022-23		FY 2023-27		5-year total			
			Total Remaining Cost	District Direct Cost	Contribution to Partner Agency	District Direct Cost	Contribution to Partner Agency	Tax Revenue	ADP Contribution	External Contribution	
PARTNER LED CONTRIBUTION PROJECTS											
4-6-10001	00	PARKSIDE MINOR DRAINAGE IMPROVEMENT	\$240,500	\$0	\$240,500	\$0	\$0	\$240,500	\$0	\$0	\$0
4-6-10002	00	SANDERSON CULVERT REPAIR	175,000	0	175,000	0	0	175,000	0	0	0
4-8-00614	02	SUNNYMEAD MDP LINE B-16A	1,886,942	36,900	1,850,042	0	0	1,886,942	0	0	0
4-6-10000	00	BRADLEY RD BRIDGE OVER SALT CREEK	8,300,000	0	0	0	2,000,000	2,000,000	0	0	(6,300,000)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS											
4-8-00235	03	WEST HEMET MDP LINE C STG 2 & 3	4,353,000	4,353,000	0	0	0	3,959,316	393,684	0	0
4-8-00251	01	SAN JACINTO MDP LINE E-2, STG 1 & E-2A STG 1	4,901,554	191,554	4,710,000	0	0	4,901,554	0	0	0
4-8-00290	01	SUNNYMEAD MDP LINE F, F-7	5,922,249	50,694	150,000	172,388	5,525,000	5,010,204	887,878	0	(24,167)
4-8-00403	01	MORENO MDP LINE F-18	1,838,200	111,591	1,650,000	0	0	1,761,591	0	0	(76,609)
4-8-00488	05	PERRIS VALLEY MDP LINE E	4,440,431	100,000	430,000	40,431	3,870,000	0	4,440,431	0	0
4-8-00766	02	MORENO MDP LINE K-1 STG 2	500,000	0	500,000	0	0	500,000	0	0	0
4-8-00766	03	MORENO MDP LINE K-1, K-4 STG 3	3,725,448	85,800	80,000	145,648	3,014,000	2,227,148	1,098,300	0	(400,000)
4-8-00013	01	SUNNYMEAD-CACTUS AVE CHANNEL	20,450,307	0	0	20,450,307	0	4,000,000	0	16,450,307	0
4-8-00038	02	SAN JACINTO MDP LINE J	2,869,592	0	0	130,467	2,739,125	2,865,002	4,590	0	0
4-8-00670	03	SUNNYMEAD MDP LINE H	869,206	0	0	19,206	850,000	869,206	0	0	0
4-8-09083	00	SAN JACINTO VALLEY MDP LINE G-3	1,550,314	0	0	341,169	1,209,145	1,550,314	0	0	0
4-8-09107	00	HOLLAND CHANNEL/BRIGGS ROAD CULVERT	25,530,000	0	0	4,446,000	0	4,446,000	0	0	(21,084,000)
PARTNER LED CONTRIBUTION PROJECTS			\$10,602,442	\$36,900	\$2,265,542	\$0	\$2,000,000	\$4,302,442	\$0	\$0	(\$6,300,000)
PARTNER LED CAPITAL IMPROVEMENT PROJECTS			76,950,301	4,892,639	7,520,000	25,745,616	17,207,270	32,090,335	6,824,883	16,450,307	(21,584,776)
ZONE 4 PARTNER LED PROJECTS TOTALS			\$87,552,743	\$4,929,539	\$9,785,542	\$25,745,616	\$19,207,270	\$36,392,777	\$6,824,883	\$16,450,307	(\$27,884,776)

Existing Commitments

Zone 4
Report to the Zone Commissioners
By Jason E. Uhley, General Manager-Chief Engineer
September 2022

Completed Projects

Bautista Creek Channel - Recharge Basins (4-8-00030-50)

This District-led project, in partnership with the Lake Hemet Municipal Water District (LHMWD), expanded groundwater recharge by constructing six infiltration basins on the existing 17.5 acres of open space adjacent to Bautista Creek Channel. This project was funded by a combination of District funds, external funding from a Proposition 84 state grant administered by the California State Department of Water Resources, and a contribution from LHMWD. Sukut Construction, LLC completed construction of the project for the final construction cost of \$1,746,393.90. The Notice of Completion for the project was accepted on April 26, 2022.

Sunnymead Line M-11 Extension/Flaming Arrow (4-8-00365-01)

This project was a partnership between the District and the City of Moreno Valley. The goal of this project is to capture runoff flooding the properties along St. Christopher Lane. The project constructed a storm drain that extended from Bay Avenue north and west to St. Christopher Lane. The project has been constructed and accepted by the City.

Active District-Led Projects

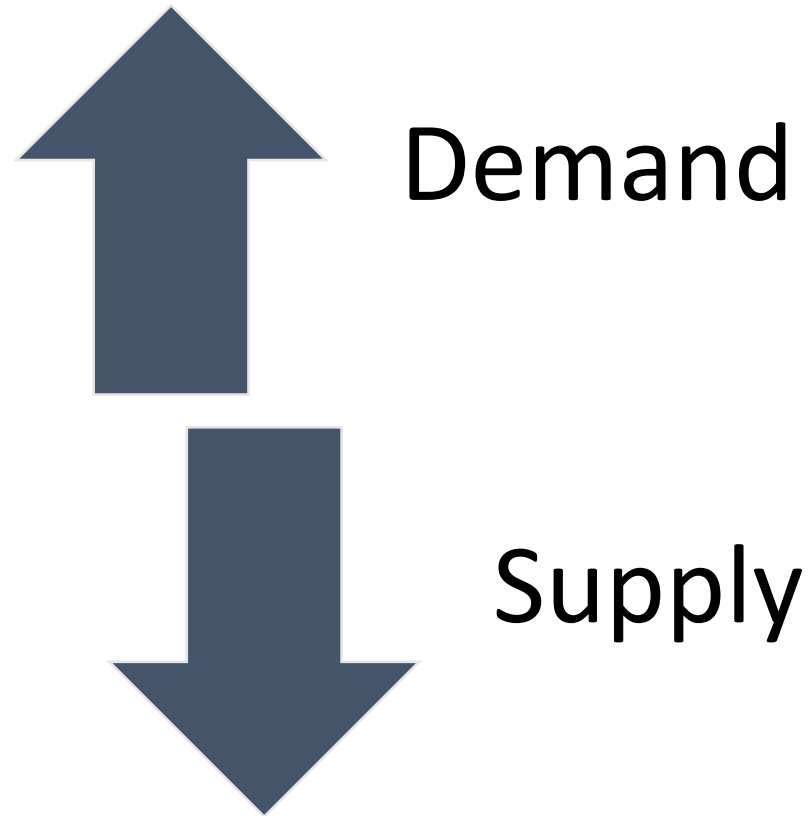
Perris Valley Channel Lateral B (4-8-00009-04)

This is a District-led proposed storm drain improvement project of approximately 6,000 feet of reinforced concrete box that will provide improved flood protection to the March Air Reserve Base (MARB) and adjacent properties. The project will collect the 100-year runoff from the proposed Perris Valley Channel Lateral B, Stage 5 storm drain that will be constructed as part of a development between MARB and Interstate 215 and convey the water south to the existing Perris Valley Channel Lateral B, Stage 2 at Heacock Street. This project is funded as a cost share between the District (\$12.8 million) and the March Joint Powers Authority (\$4 million - via developer). The project is in 60% design stage. The 100% plans and the environmental and permitting documents are scheduled to be completed by December 2022. The process of easement acquisition from MARB was initiated, and easements are expected to be granted in February 2023.

The background of the slide is a blurred image of a financial chart, likely a candlestick or line chart, with a pen pointing to a specific data point. The chart is on a piece of paper, and the pen is a silver ballpoint pen. The overall tone is professional and analytical.

Recent Activity and Trends

Recent Trends



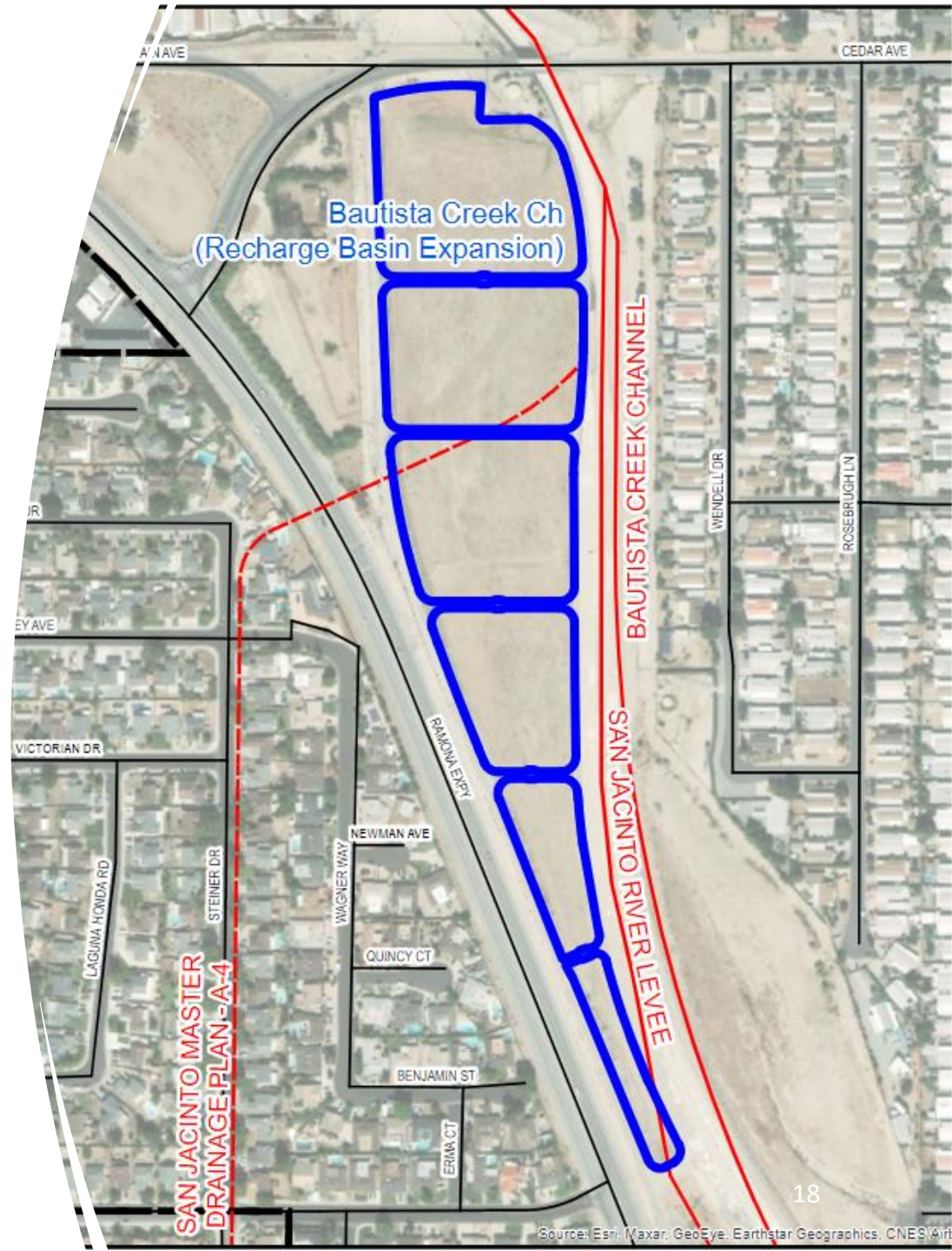
- Construction Costs
 - 25-30% increase
- Construction Delays
 - 3-8 month lead times

Construction Projects

Active and Pending

Bautista Recharge Basins

- \$1.7M
- Completed May 2022
- Partnership with LHMWD





Romoland Line A-3, Stages 2 & 3

- \$4.3M
- Completed Sept. 2022



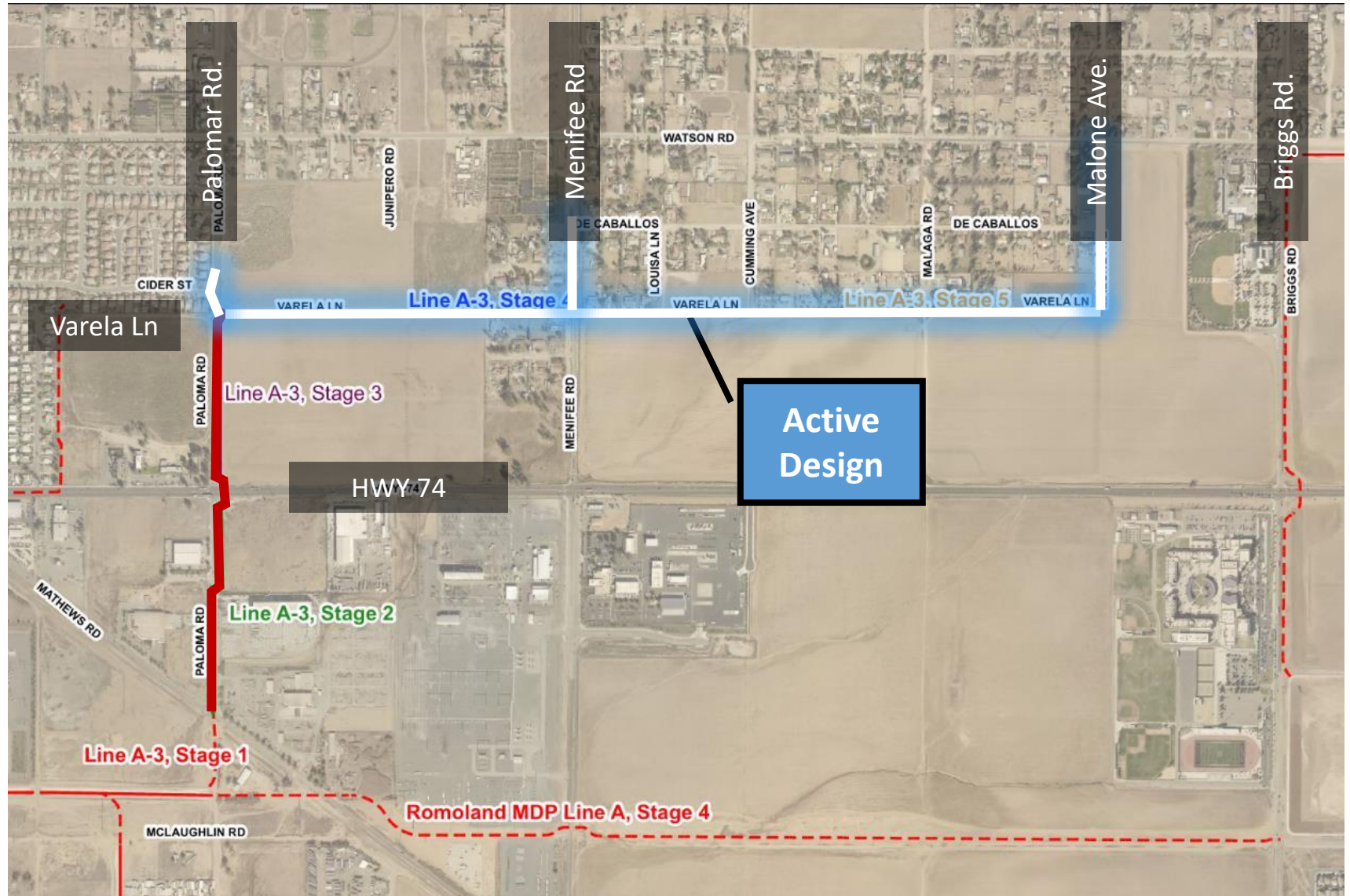
Potrero Creek Basin Emergency Sediment Removal

The background of the slide features a close-up, high-angle view of several rolled-up architectural blueprints. The blueprints are white with black lines and text, showing various technical drawings, dimensions, and annotations. The rolls are arranged diagonally, creating a sense of depth and movement. The lighting is soft, highlighting the texture of the paper and the precision of the drawings.

Active Design Projects

District-Led

Romoland Line A-3, Stages 4 & 5

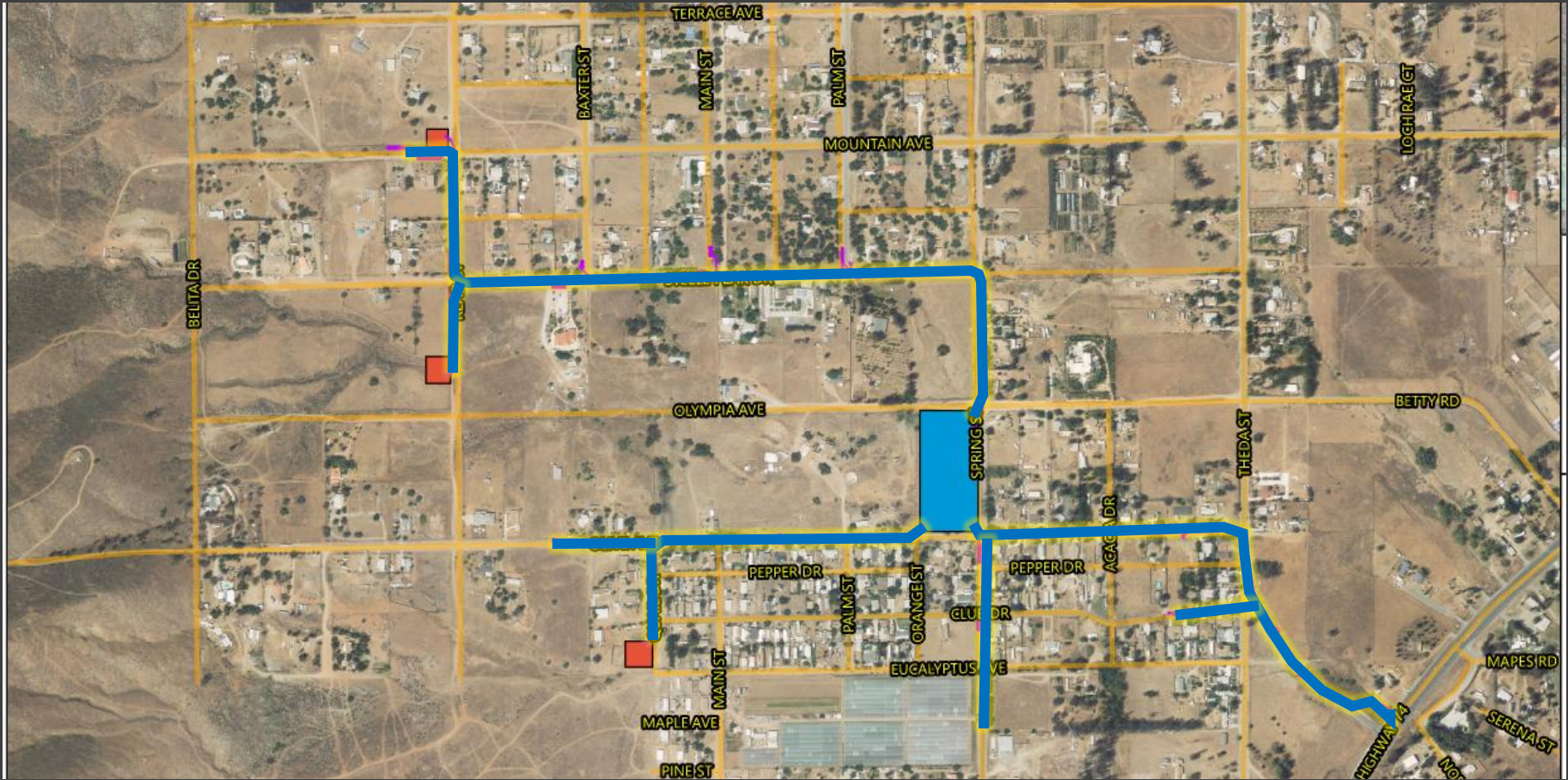




Perris Lateral B, Stage 4

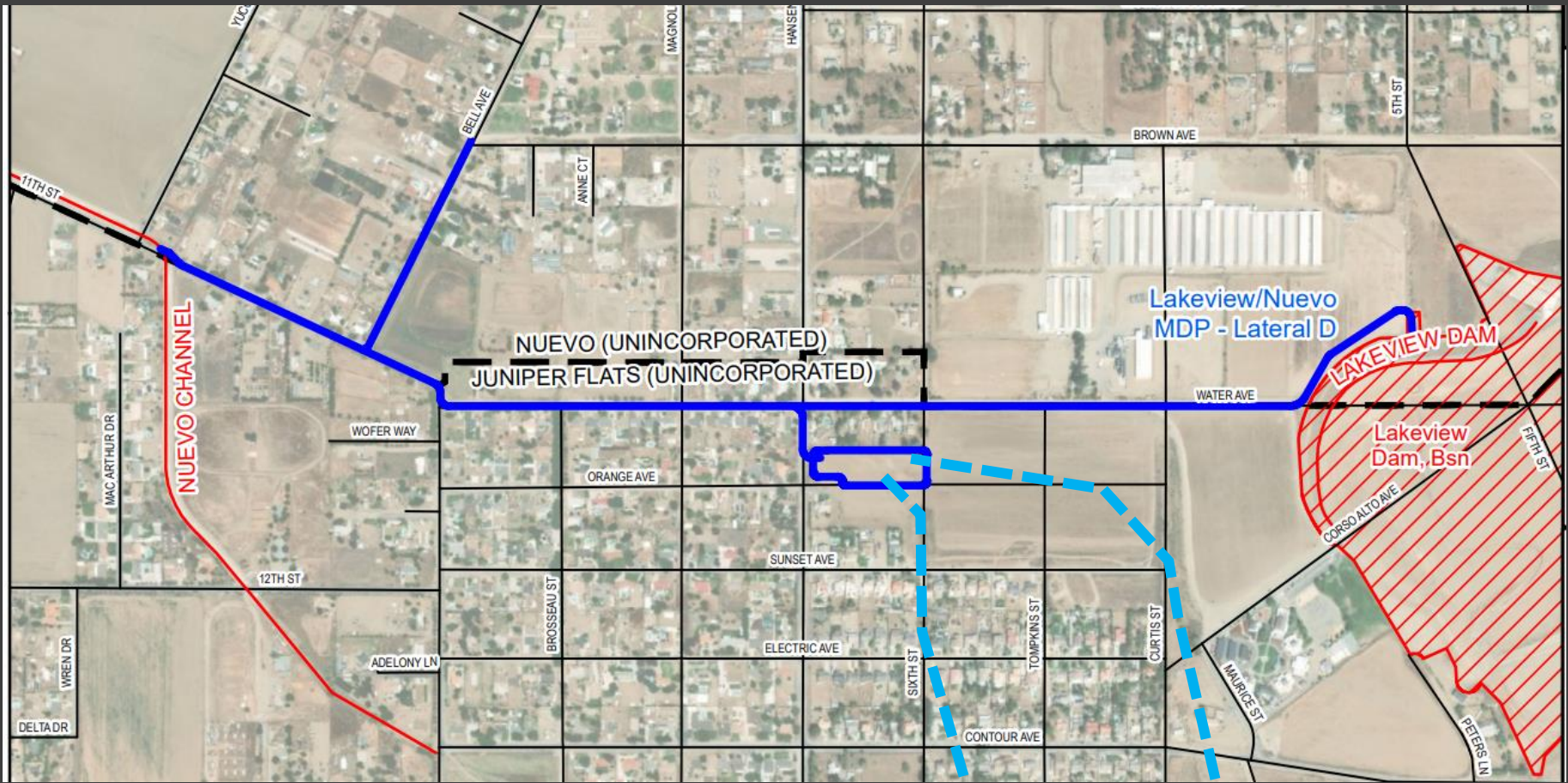
- Estimated Cost: \$16M
- Cost share with MJPA
- 1 Mile Storm Drain

Existing Lateral B



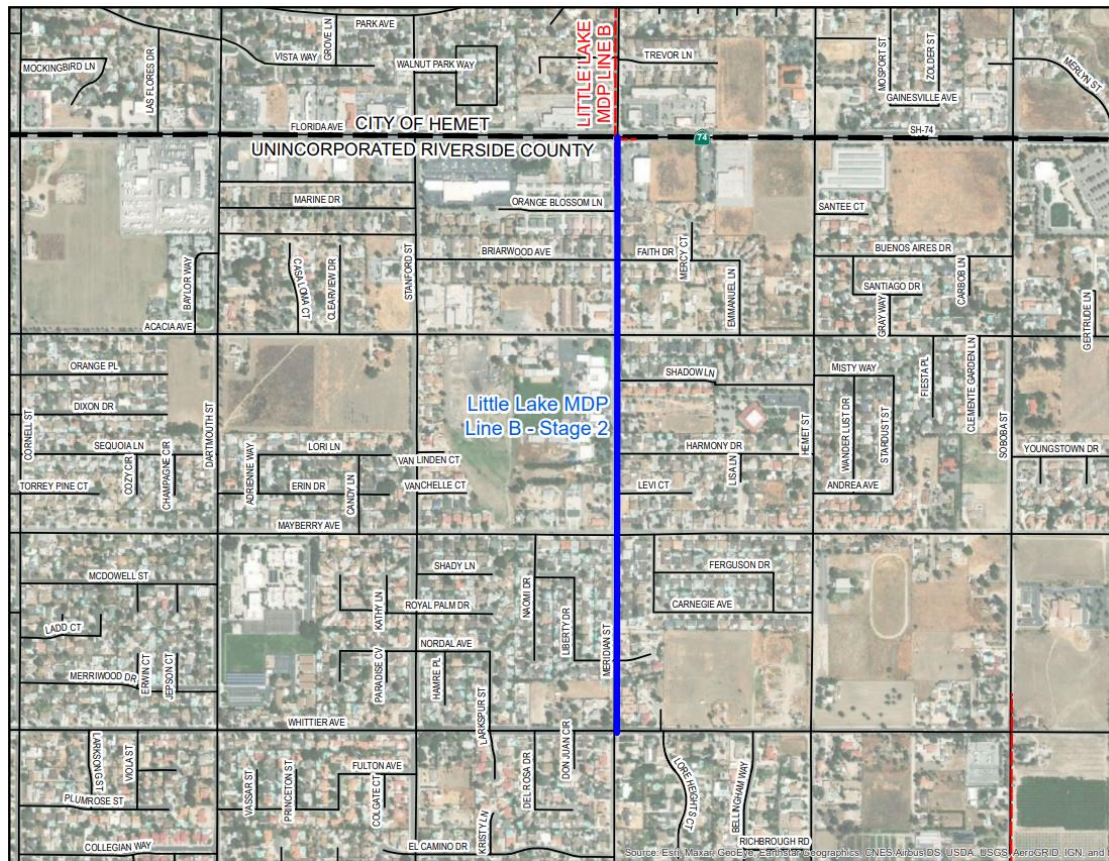
Good Hope Olive Avenue SD

- Numerous watercourses though private property cause repeated flooding
- **30% Design Complete**
- Coordination with Property Owners and County Transportation Ongoing




Lakeview Lateral D

- 30% Design in progress
- Hydraulic Design improved



- \$14M
- 30% Design
- Finalizing hydraulics

Little Lake MDP Line B, Stage 2



**Existing
Commitments**



Partner Projects

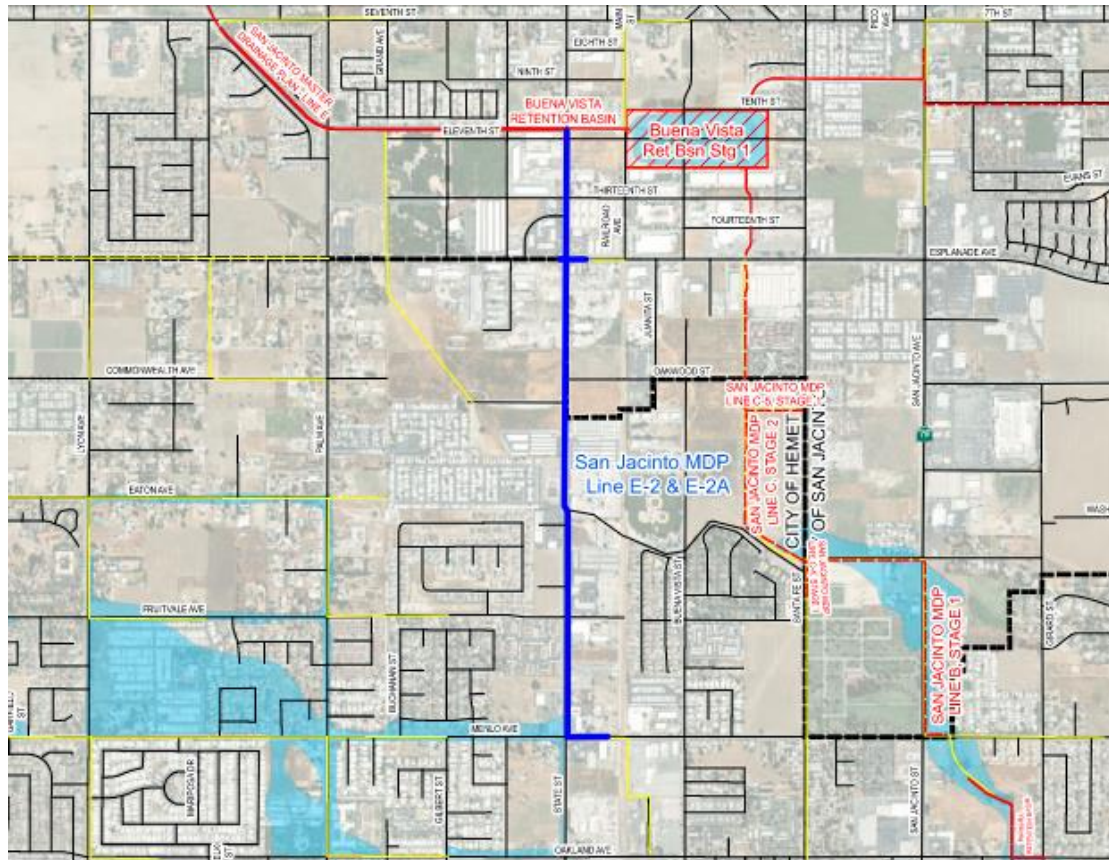


Deborah de Chambeau
Chief of Planning

A stylized graphic of two hands shaking in a firm grip, rendered in a dark blue color. The hands are positioned centrally, with the fingers interlaced. The background is a solid dark blue, and the overall image has a clean, modern aesthetic.

Active Partner Projects

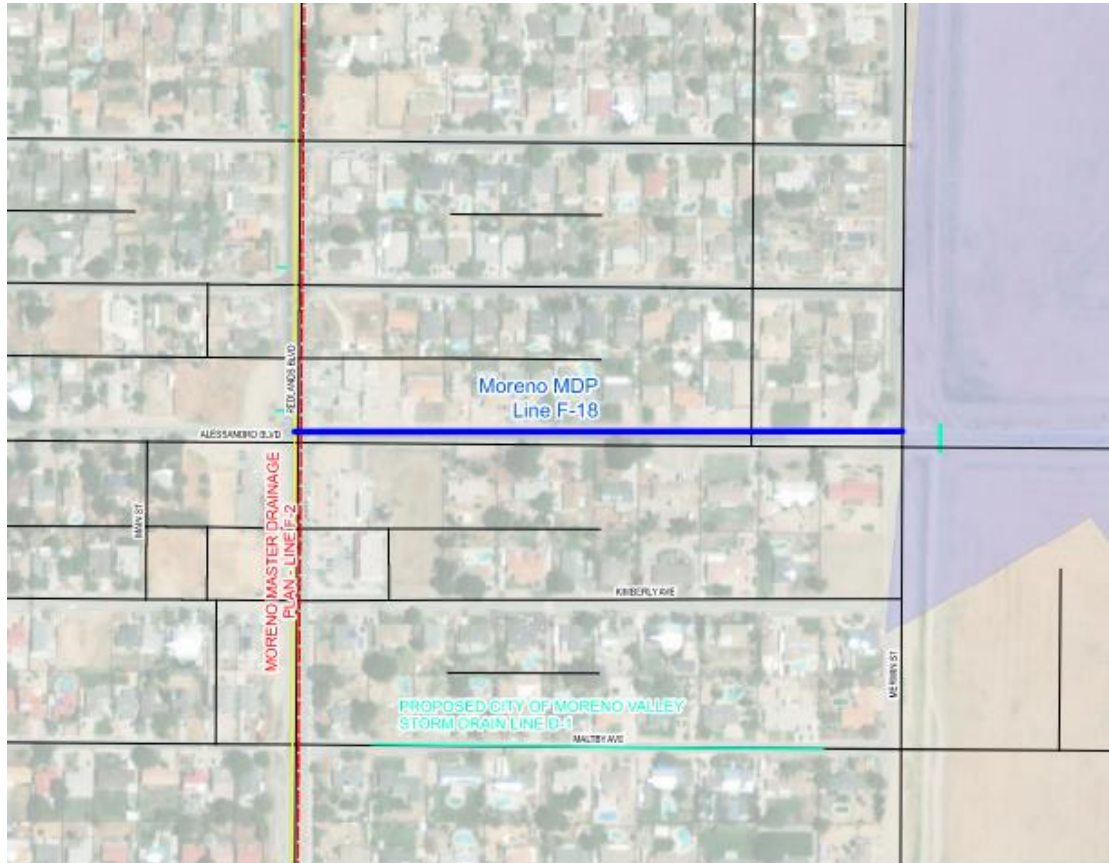
San Jacinto Line E-2 and E-2a



- City of San Jacinto-led project
- 7,000 feet of Underground Storm Drain
- District funded
- Anticipate advertising Late 2023

Sunnymead MDP Line B-16a

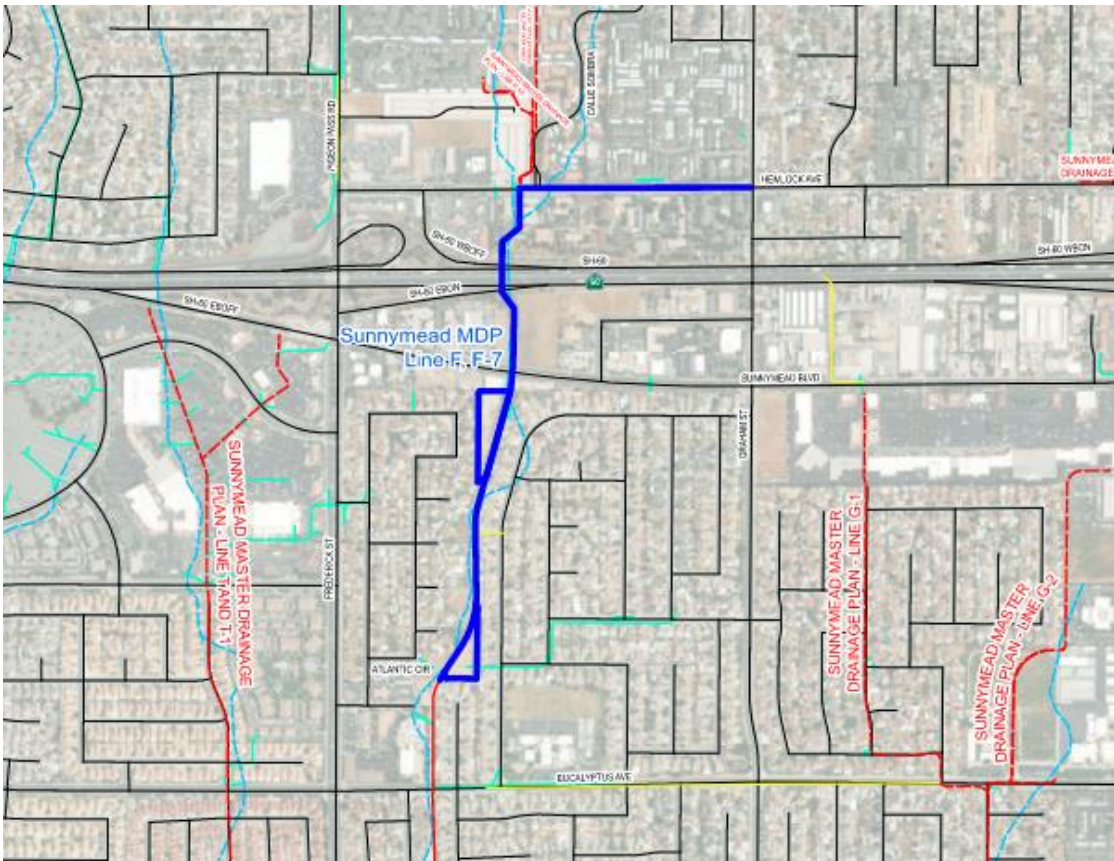




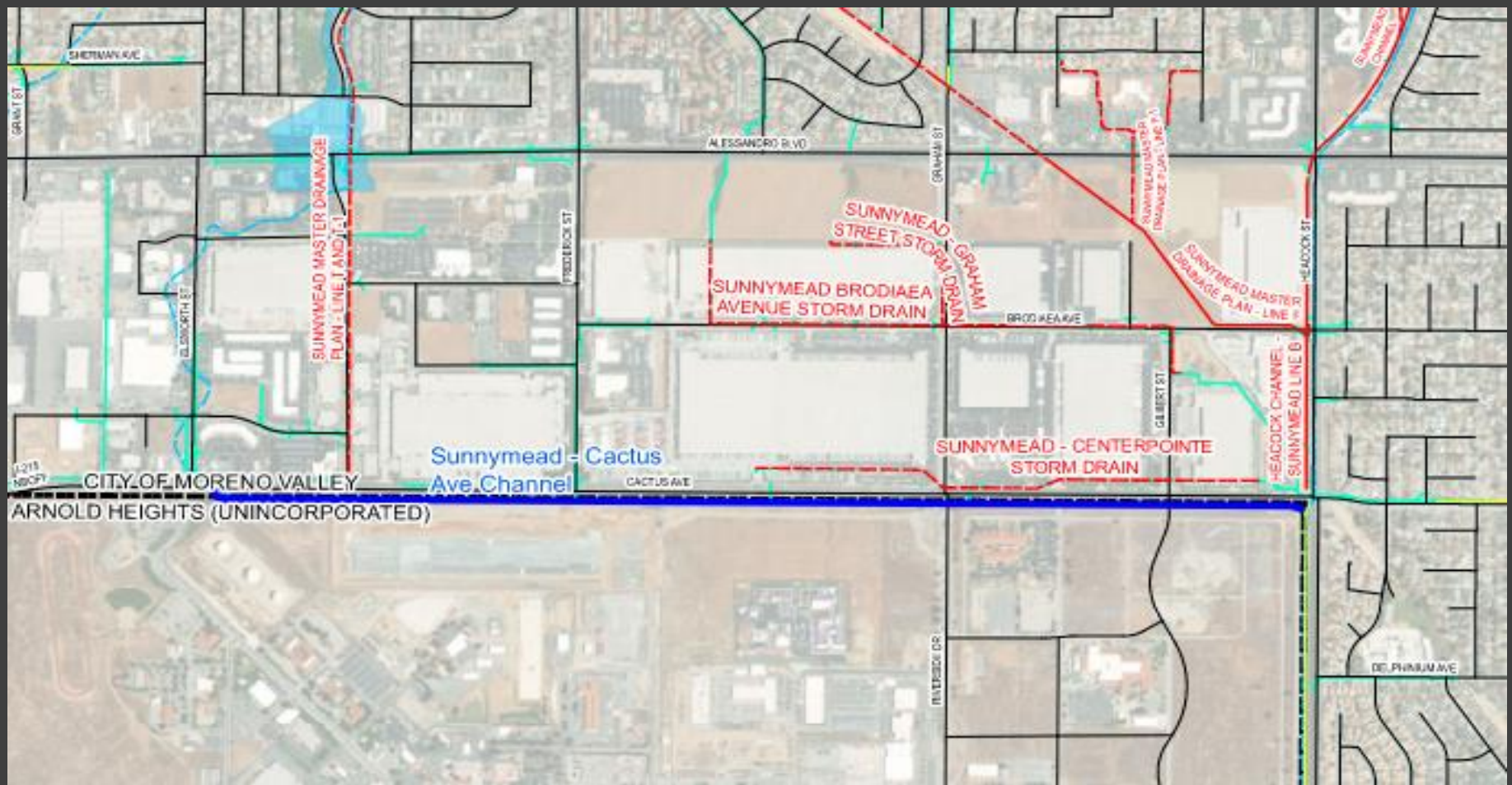
- City of Moreno Valley-led project
- Design 60% complete
- Anticipate advertising FY 2023/2024

Moreno MDP Line F-18 & D-1

Sunnymead Line F and F-7



- City of Moreno Valley-led project
- 5,000 feet and 2 basins
- Partially District funded / FEMA grant
- Anticipate advertising FY 2023/2024



Sunnymead- Cactus Avenue Channel

- Design at 90%
- ROW acquisition is currently being negotiated

Moreno Line
K-1, Stage 2

Ironwood Ave

Ironwood Ave

Line K-1
(Project)

Moreno Beach Dr

Pettit St

Line K
Floodplain
Acquired

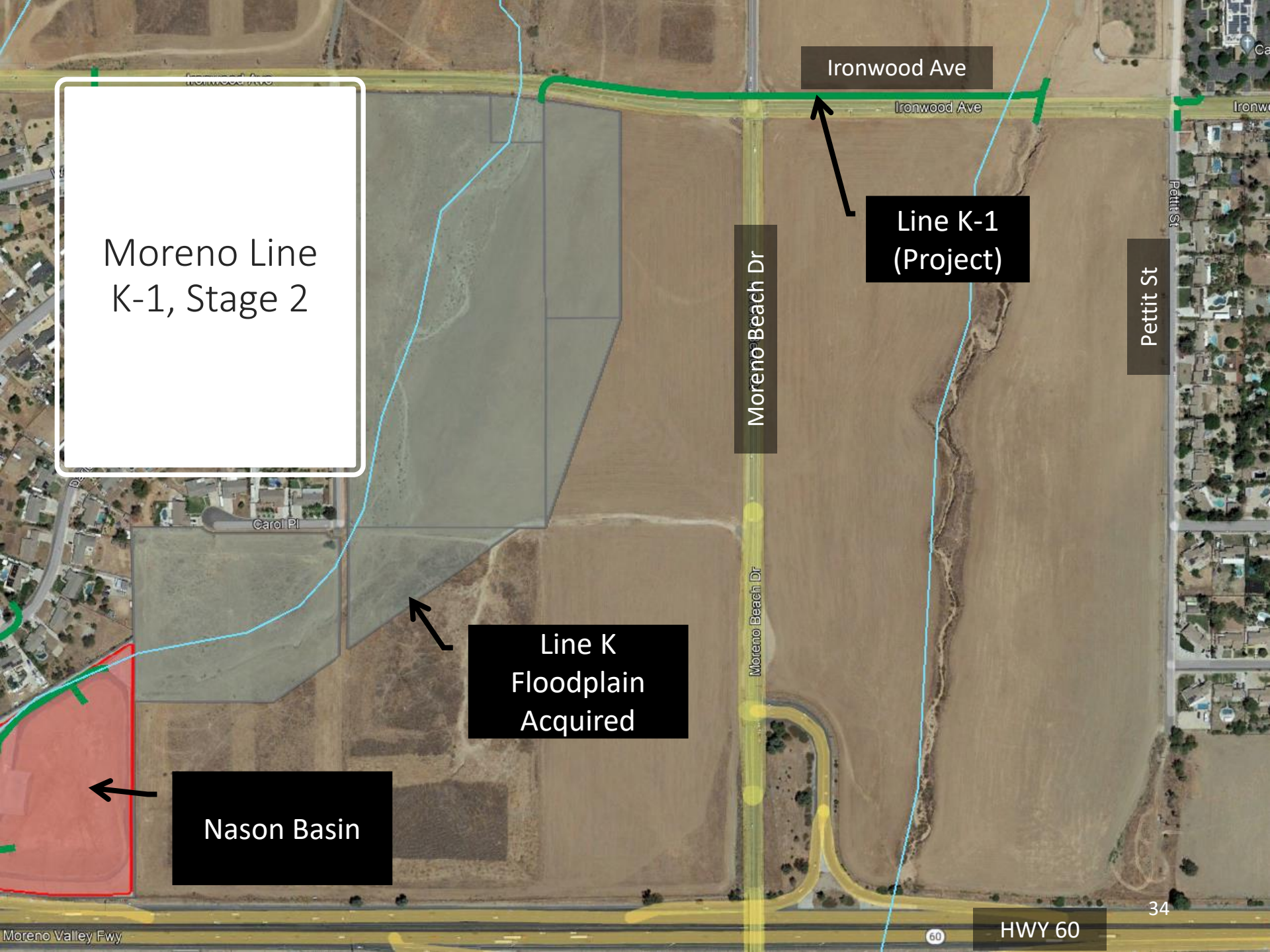
Nason Basin

Moreno Valley Fwy

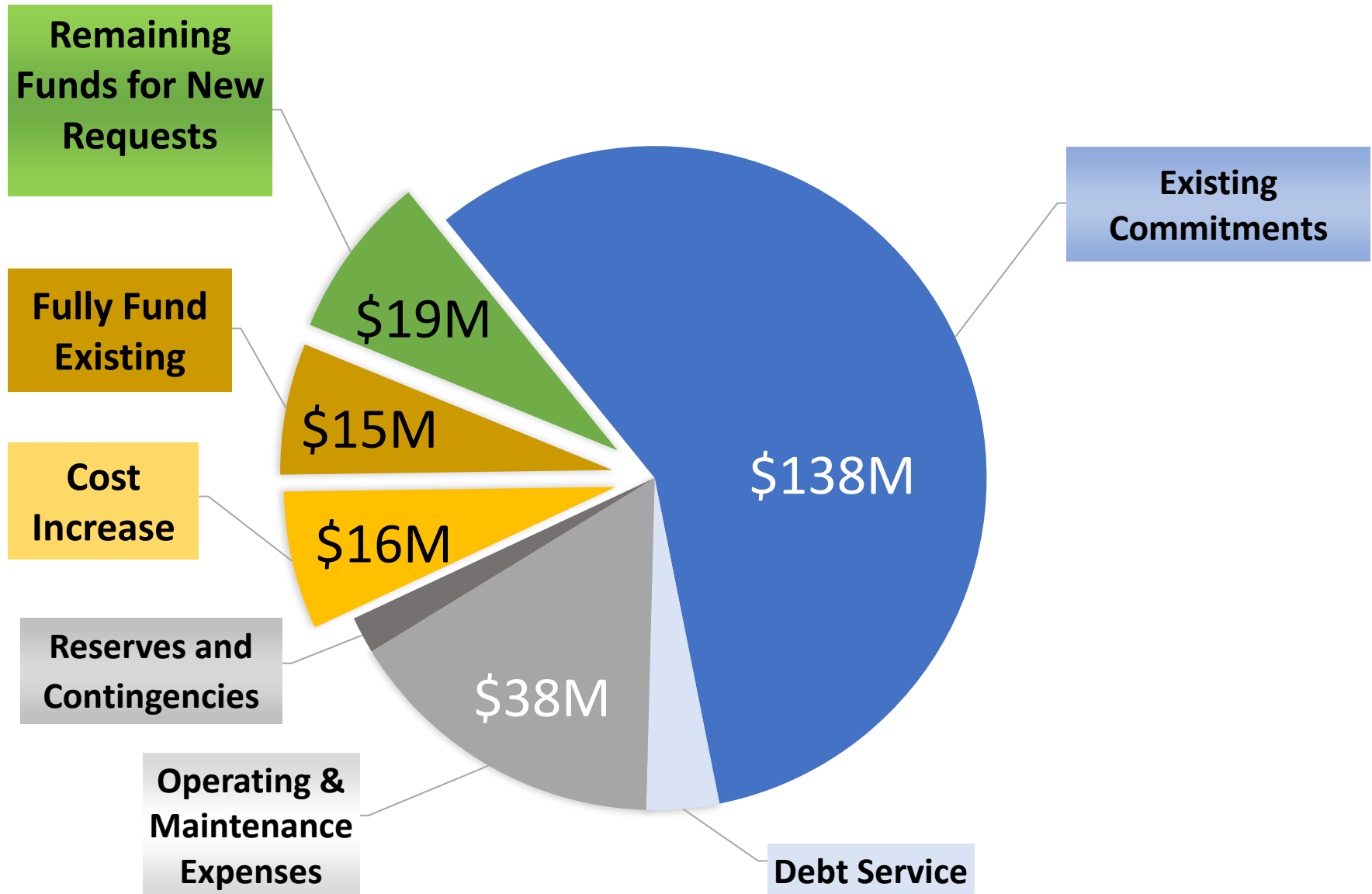
60

HWY 60

34



New CIP Development





New Project
Requests

New Funding Requests Received to Date

Total \$48.4M in requests

Menifee (\$546k)

- Garbani Road Drainage Improvement at Menifee Valley Middle School (\$546k)

Moreno Valley (\$32.6M)

- Cactus Detention Basin (\$13.9M)
- Sunnymead Line A-1 (\$2M)
- West End Line GG (1.7M)
- Moreno Line K (\$15M)
- Moreno Line F-18 & D-1 (existing +\$1M)
- Moreno Line K-1, K-4 (existing +600K)
- Sunnymead MDP Line F & F-7 (existing +\$300K)
- Sunnymead MDP Line H (existing +\$2M)
- Sunnymead MDP Line B-16A (existing)
- Sunnymead Indian Street Basin (existing)
- Perris Valley MDP Line B-1 Ext (existing)

Hemet (\$5.2M)

- Chambers Street and Lyon Avenue Storm Drain (\$5.2M)
- West Hemet MDP Line C, Stg 2 & 3 (existing project)
- Little Lake MDP Line B (existing project)

Mt. San Jacinto College (\$1.2M)

- Azusa Channel (\$1.2M)/MSJC to fund remaining \$2.4M

RCFC (\$5M)

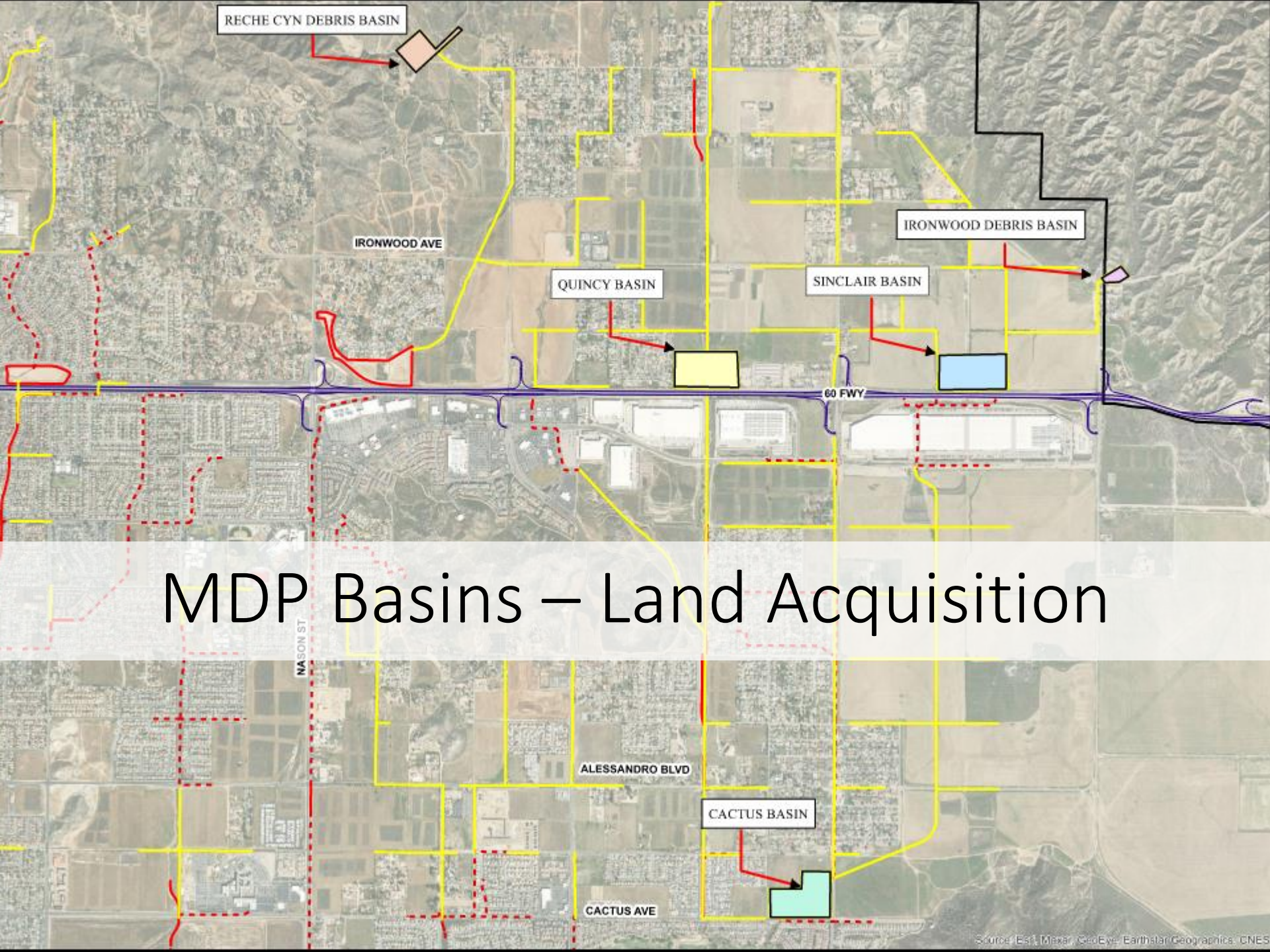
- Land acquisition for MDP basin sites (\$5M)



New Project
Requests



Public Input



RECHE CYN DEBRIS BASIN

IRONWOOD AVE

QUINCY BASIN

SINCLAIR BASIN

IRONWOOD DEBRIS BASIN

60 FWY

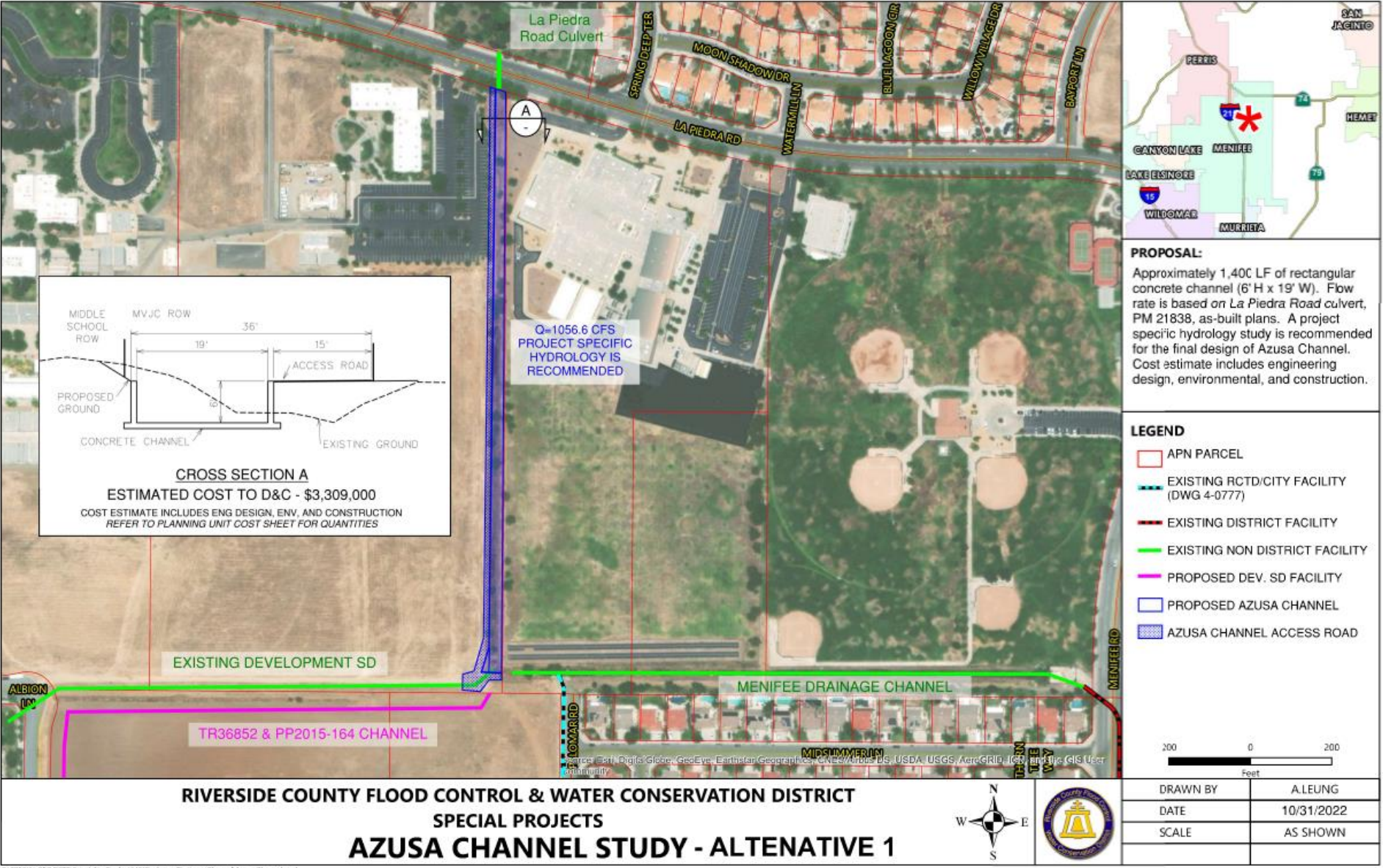
MDP Basins – Land Acquisition

NASON ST

ALESSANDRO BLVD

CACTUS BASIN

CACTUS AVE



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Mt. San Jacinto Community College Request

