

ZONE 4 MINUTES
Public Budget Meeting 2021-2022 Fiscal Year

DATE: December 3, 2020

PLACE: Riverside County Flood Control and Water Conservation District (via Skype)
1995 Market Street, Riverside

TIME: 11:00 a.m.

PRESENT: Commissioners: Pete Bleckert (in person), Brad Scott, Ken Graff

Staff: Jason Uhley, Claudio Padres, Bob Cullen, Jeanine Rey, Edwin Quiñonez,
Toni Irvin, Kyle Gallup, Beth DeHayes

Public: Georgiann Psaros, Henry Ngo, Michael Wolfe, Mickey Ashley, Stuart McKibbin,
Christina Dreschler

Commissioner Bleckert called the Zone 4 Budget Hearing to order at 11:00 a.m. At which time, Mr. Uhley made introductions and explained the Budget Hearing process.

Mr. Uhley turned the meeting over to Jeanine Rey, who provided a financial overview of the Zone 4 budget.

Ms. Rey turned the meeting over to Mr. Padres, who provided an overview of existing commitments (project money already in the CIP) which includes \$118 million and 29 projects (16 District led projects and 13 partner projects). Mr. Padres highlighted Romoland Line A-3; Bautista Creek Recharge Basins; Perris Valley Channel Lateral B; Good Hope Olive Avenue Storm Drain; Potrero Creek Basin; San Jacinto MDP Line D-2 Extension; Sunnymead MDP Line B-16A; two Moreno Valley partner projects: Moreno-Alessandro Interim Facility and Sunnymead Line M-11 Extension (Discovery Church and Flaming Arrow, respectively); and San Jacinto Line E-2 and E-2A. Mr. Padres estimated that based on typical revenues, this leaves approximately \$17 million to program toward existing, not fully funded projects and new project requests. Due to forecasted project cost increases, completing the projects already in the District's CIP will take most of that funding, leaving only a small amount, potentially only \$1 million, available for new requests.

Commissioner Bleckert opened the hearing for public comment.

Henry Ngo (Capital Projects Division Manager for the City of Moreno valley) confirmed that the City submitted project request forms to the District and expressed interest in continuing with existing projects. Mr. Ngo confirmed that the Discovery Church project construction has been completed. The City will forward a Notice of Completion and required documentation to the District in order to close out the project. Mr. Ngo stated the Flaming Arrow project was advertised in mid-November and the bid opening will be January 11, 2021. The City also had good news regarding the SR60 Moreno Beach Interchange Project and mentioned that it would be approving the budget allocation for this request (today), including Line K-1, and will be advertising in early 2021. The City thanks the District for their continued partnering efforts.

Michael Wolfe (Public Works Director for the City of Moreno Valley) added that the City is thankful to

the District and Zone Commissioners for their cooperative effort.

Mickey Ashley (property owner in Menifee) stated Romoland MDP Line A-3 solves the regional flooding problems in the area. He appreciates that the concerns are getting taken care of and just wanted to express thanks to the District.

Georgiann Psaros (who owns property near Mickey Ashley) asked two questions:

1) Is there a project plan showing when the stages of Line A-3 will begin and end? Mr. Padres replied that Stages 2 and 3 will be under construction within the next few months and would take about a year to complete. **Mr. Padres offered to follow up with Ms. Psaros (GeorgiannPsaros@gmail.com) with a better estimation.** Stages 4 and 5 are not scheduled as of yet. The District will be working on the schedule and hope to have more detail in the next four months or so. Preliminary estimates show 2025-2026 to be fully constructed but can provide more detail as we get into the design over the next several months.

2) Do you expect there to be less property taxes due to residents' inability to pay their property taxes or delay payment of property taxes due to COVID? Ms. Rey replied that the projections so far are in line with what they've done in the past. As of now, we have no indication that they are reporting a loss. If we end up getting updated figures, we will update our projections. Mr. Uhley added that even if property taxes are not paid, they eventually do get paid as property taxes would transfer over to the new property owner.

Ms. Christine Dreschler (property owner on Highway 74) echoed Mickey Ashley's comments and thanked the District for its support for Line A-3 construction and for making today's meeting available to everyone.

Stuart McKibbin (JPA Engineer for the March Joint Powers Authority) thanked the District for providing leadership for the Perris Valley MDP Line B project. Line B is necessary to enable economic activity for the region. MJPA is happy to partner with the District and has committed \$4 million toward the project. Regarding the Cactus Avenue project, things have slowed down a bit but we (MJPA) may return to it in the near future.

Stuart McKibbin (City Engineer for the City of Perris) thanked the District for its efforts. The City and the District executed a cost share agreement earlier this year to build Perris Valley MDP Line E. The City will take the lead on right of way acquisition, design and environmental (Dudek will be the environmental firm). The City is also entering into a Master License Agreement to use District access roads as trails within the city of Perris. Also, the City thanks the District for its help with the Nuevo Road Bridge project (inspection and engineering staff). The contractor is within two weeks of wrapping up that project, including testing stations for the District. Lastly, the City thanks the District for helping to expedite the construction of Perris Valley Trail between Orange and Nuevo. The City has one new request which has been requested the last few years: Perris Valley Storm Drain low flow crossing at San Jacinto Avenue.

Stuart McKibbin (City Engineer for the City of San Jacinto) thanked the District for its commitment to the City and for being a great partner. Once the San Jacinto Levee project could not be constructed, the District has continued that funding commitment (about \$7 million) to other projects in the city, including Line E-2. Line D-2 (Hewitt Rehab) cost share was done – thank you for that. The apparent low bidder was Hillcrest Contracting for \$1.4 million for the road rehab and storm drain. The City just signed a letter for new projects: 1) On Sanderson between 7th Street and Cottonwood, there are two basins that flood the interior of the tract. The City would like to ask the District for a new, upsized pump to dewater the basin and a new force main to take that water to the northeast corner of Cottonwood and Sanderson, 2) There is a culvert underneath Sanderson Avenue underneath Ramona Boulevard that eventually caused road

failure/sinkhole. The City would like to cost share the replacement of those culverts (less than \$300,000).

Commissioner Bleckert closed public testimony.

Mr. Uhley asked the Zone Commissioners to support his recommendation of asking District staff to create a new five-year Capital Improvement Plan (CIP) that focuses on continuing our existing commitments, as well as determining which requests for new projects could be added. The District will take into account which projects have the maximum benefit to the community, incorporate multiple benefits, and fit our funding requirements. The District will then bring its recommendation back to the Commission in February for approval.

Commissioner Graff commented that Sanderson Avenue in San Jacinto is the primary north-south route across the entire valley. He would like to take a look at the new request by the City of San Jacinto as he believes that project would benefit a lot of people in the area.

Mr. Uhley amended his recommendation to include taking a look at the Sanderson project as recommended by Commissioner Graff.

Commissioner Bleckert adjourned the meeting.



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 3, 2020 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 2021-2022.

- Call to Order Commissioner Pete Bleckert
- Introductory Comments Jason Uhley
- Zone 4 Financial Overview Jeanine Rey
- Chief Engineer's Report for Zone 4 Claudio Padres
- Receive Zone 4 Project Requests Interested Parties
- Closing Comments Jason Uhley

The Budget Work Session set for 11:00 a.m. on Wednesday, February 24, 2021 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 2021-2022.

Zone 4
Report to the Zone Commissioners
By Jason E. Uhley, General Manager-Chief Engineer
November 2020

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 lineal feet of channel and reinforced concrete box that will provide improved flood protection to the March Air Reserve Base and adjacent properties. The project will collect the 100-year runoff from a proposed storm drain that will be constructed as part of a development just south of the March Air Museum and convey the water to the existing Perris Valley Channel Lateral B at Heacock Street, north of Harley Knox Boulevard. The District completed a draft Project Charter and is working on the cooperative funding agreement with the March Joint Power Authority (MJPA), the March Air Reserve Base (MARB), and Hillwood (developer) outlining the terms for funding, rights of way, and construction of the storm drain. The District is currently working on the project mapping and is expected to begin design early next year.

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; and accommodate certain land development activity within the floodplain fringe. Work is ongoing, and the District anticipates approval of the Master Drainage Plan and environmental documents by December 2021.

Potrero Creek Debris Basin Restoration (4-8-00025-90)

This is a District-led project to remove accumulated sediment from the existing basin to restore its capacity and function. An estimated 400,000 cubic yards of material will be removed. The District issued Encroachment Permit 3805 to North County Sand & Gravel for exporting as much material as they could at no cost to the District. The contractor is wrapping up work right now as the emergency permit that authorized this excavation expires October 30, 2020. The contractor was only able to export about 30,000 cubic yards of the approximate 340,000 cubic yards of material that needs to be removed.

The ongoing plan for this basin is to attempt another Public Notice to issue a new Encroachment Permit for a contractor to export material at no cost to the District. This will require a new regulatory permit that the District's Environmental and Regulatory Services staff will be working on attaining. The goal is to start another removal operation next summer.

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

This District-led project, in partnership with Lake Hemet Municipal Water District (LHMWD), will expand groundwater recharge by constructing six infiltration basins on the existing 17.5 acres of open space adjacent to Bautista Creek Channel. This project will be partially funded by a Proposition 84 state grant administered by the California State Department of Water Resources. The District is finalizing the 90% plans by incorporating LHMWD's waterline design details. The license agreement

is scheduled to be approved by the LHMWD Board of Director's on October 15, 2020. Construction is anticipated to begin spring 2021.

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

This is a District-led storm drain improvement project to install approximately 4,000 lineal feet of underground storm drain along Meridian Street. The primary objective for this project is to provide 100-year flood protection to the properties west of Meridian Street between Florida Avenue/Highway 74 and Whittier Avenue. This project will collect storm runoff that reaches Stetson Avenue beginning at Whittier Avenue, and convey the flows northerly to the existing Little Lake MDP Line B, Stage 1 facility at Florida Avenue/Highway 74. This storm drain will also facilitate future planned storm drains that will extend easterly in Acacia Avenue, Mayberry Avenue, and Whittier Avenue. The District is in the process of updating the design mapping for this project and will soon begin working on 30% plans.

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

This is a District-led proposed earthen dam project with an approximately 50' high embankment, 900' long crest, 150 acre-feet storage capacity, and two square miles of tributary area. The primary objective of this project is to reduce flooding of the Green Acres neighborhood near Cortrite Avenue at Highway 74 and south along Highway 79. The District is in the process of securing rights to complete additional field investigation and environmental studies for the spillway site. Upon securing such rights, the District will proceed with completing the environmental studies, soil exploration, and begin the process of preparing the Preliminary Design Report.

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

This is a District-led storm drain project to install approximately 8,310 lineal feet of various sized pipe (54"-84") and construction of a detention basin to attenuate flows. The primary objective of this project is to provide an adequate outlet for the existing Lakeview Dam and to reduce or eliminate the existing Federal Emergency Management Agency (FEMA) floodplain. The project collects flow from Lakeview Dam, conveys it to an underground pipe west down Water Avenue, and discharges into existing Nuevo Channel at Yucca Avenue and 11th Street. The District is in the process of updating the locations of utilities and right of way lines. Project design is scheduled to begin by the end of 2020.

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

This is a District-led proposed storm drain improvement project 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 from various points within the neighborhood and convey them to the culvert crossing on Highway 74 just east of Theda Street. A Project Scoping/Project Charter has been completed, and a Preliminary Design Report is being prepared to analyze proposed alternative alignments and select a preferred alternative.

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

This is a District-led project that will ultimately protect existing neighborhoods along Varela Lane, and properties south of Varela Lane and east of Palomar Street. Stage 1 of Line A-3 was already constructed near Case Road in Palomar Street. Stages 2 and 3 will extend this storm drain system north in Palomar Street to Varela Lane. The total length of these two stages is approximately 3,200 feet of underground box storm drain (12'Wx6.5'H). This project also enables the future construction of Stages 4 and 5, which extend east along Varela Lane. The full benefit of this project will not be

realized until Stages 4 and 5 are also constructed. All regulatory and environment documents have been finalized. Design and project specifications are at 100% phase. Sewer and water utility relocations by Eastern Municipal Water District are currently under construction. All other utility relocations are being coordinated and are expected to be done before the construction of the underground facility. The cooperative agreement with the City of Menifee is scheduled for execution by the Board of Supervisors in November 2020.

Active Partner-Led Projects

Sunnymead Cactus Avenue Channel (4-8-00013-01)

This project is proposed as a partnership between the District, MJPA, MARB, the City of Moreno Valley, and two development interests on MJPA land to construct approximately 1.5 miles of reinforced concrete box along the south side of Cactus Avenue from Heacock Street to Elsworth Street. The facility will collect flows from existing storm drains within the city of Moreno Valley and convey flows to the existing Heacock Channel. The project will provide flood protection to MARB properties within MJPA land to Cactus Avenue. The form of the project and the cooperative funding details are being negotiated. The project is partially funded by the District, and it is anticipated that remaining project costs will be covered by the other project partners.

The District is funding approximately \$4 million toward the project, and the remaining funds will be collected utilizing a funding agreement among the stakeholders including the MJPA developers.

The developer for Meridian Business Park is currently working on the design of the storm drain. The District continues to work with all stakeholders on the cooperative funding agreement for the project.

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 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. 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 the District has been amended to reflect the updated contribution. The project is expected to go out to construction in Spring 2021.

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 Interstate 60 near Hemlock Avenue and Graham Street, 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 just north of Atlantic Circle. The overall project is 5,000 lineal feet. The District will fund 50% of design and construction costs and 100% of land acquisition costs. The City has received approval from FEMA for a grant worth \$2,650,000. A portion of this grant was used for the design phase and the remainder will be awarded once the City completes the CEQA/NEPA process. The District is drafting the agreement between the District and the City, and the 60% design plans are currently being developed.

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

This City of Moreno Valley-led project to capture runoff that is flooding properties along Saint Christopher Lane consists of a storm drain which will extend from Bay Street north and west to Saint Christopher Lane. The District completed the design and will partially fund the construction that will be performed by the City. The City is responsible for the environmental permits, rights of way, ordering the relocation of utilities, construction, operation, and maintenance of the storm drain. The funding agreement was executed by the City on April 7, 2020. The project design was completed by

the District in December of 2019, and the City is in the process of preparing to advertise the project for construction in Quarter 4 of 2020.

[Moreno Lines F-18 and F-19 \(4-8-00403-01\)](#)

This City of Moreno Valley-led project includes both MDP Lines F-18 and F-19 with 1,555 lineal feet of various size pipe (24"-54"). Line F-18 will capture flows in Alessandro Boulevard between Merwin Street and Redlands Boulevard and convey them to the existing MDP Line F-2 in Redlands Boulevard. Line F-19 will capture flows within the first 550 feet of Brodiaea Avenue and convey them to the existing Line F-2. The District prepared a cooperative funding agreement with the City to fund \$2 million toward design and construction costs of the project. The City executed the agreement on October 6, 2020. The District plans to execute the agreement in November 2020. The City is working on 30% 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 agreement is being drafted by the District. The City is working on 30% design plans.

[Sunnymead MDP Line B-16A \(4-8-00614-02\)](#)

This is a City of Moreno Valley-led and District-funded project to reduce flooding problems along Kitching Street and the surrounding community. Sunnymead MDP Line B-16A will collect the 10-year runoff from Kalmia Avenue and convey it approximately 3,100 lineal feet south along Kitching Street in an underground storm drain (24"-36") that discharges to an existing storm drain at Ironwood Avenue. Implementation of the project may also reduce erosion and sediment accumulation along Kitching Street. After the construction is complete, the City will operate and maintain the facility. The funding agreement will be executed in October 2020. The City will start the design and associated preparation of plans and environmental documents in fall 2020.

[Moreno - Alessandro Interim Facility \(Discovery Church\) \(4-8-00745-01\)](#)

A City of Moreno Valley-led project designed and funded by the District to minimize the sedimentation problem that is affecting the Discovery Church property. The project will convey storm runoff to an underground storm drain that will take runoff under Alessandro Boulevard and into an interim open channel. Flows will continue southerly in the open channel and outlet into the existing Moreno MDP Line H-2, Stage 1 system at Brodiaea Avenue. Construction of the interim facility will help reduce the sedimentation problems in smaller storm events until the ultimate master drainage plan storm drains can be constructed along this same alignment. The project has been in active construction since July 2, 2020 and is expected to be completed by October 2020.

[Moreno MDP Line K-1 \(4-8-00766-02\)](#)

This City of Moreno Valley-led and District-funded project consists of an underground facility that will reduce local and freeway flooding. The approximately 1,600 feet facility is located between Oliver Street and Petit Street along Ironwood Avenue. The District is currently working on an amendment to the agreement between the City and the District to include a District contribution of \$2,500,000 toward the construction of the project. The 90% design plans are in progress. The District is working with the City to confirm all necessary documents (i.e., right of way documents and environmental permits) are completed and gathered to turn project over to the District for operation and maintenance once construction of the project is completed.

San Jacinto MDP Line D-2 Extension (4-8-09102-00)

The City of San Jacinto-led and District-funded project proposes approximately 2,400 lineal feet of 36- and 42-inch reinforced concrete pipe to extend San Jacinto MDP Line D from Commonwealth Avenue south to Hewitt Street detention basin. The funding agreement has been executed and City will advertise the project for construction by the end of the year thereafter.

Zone 4 Budget Hearing



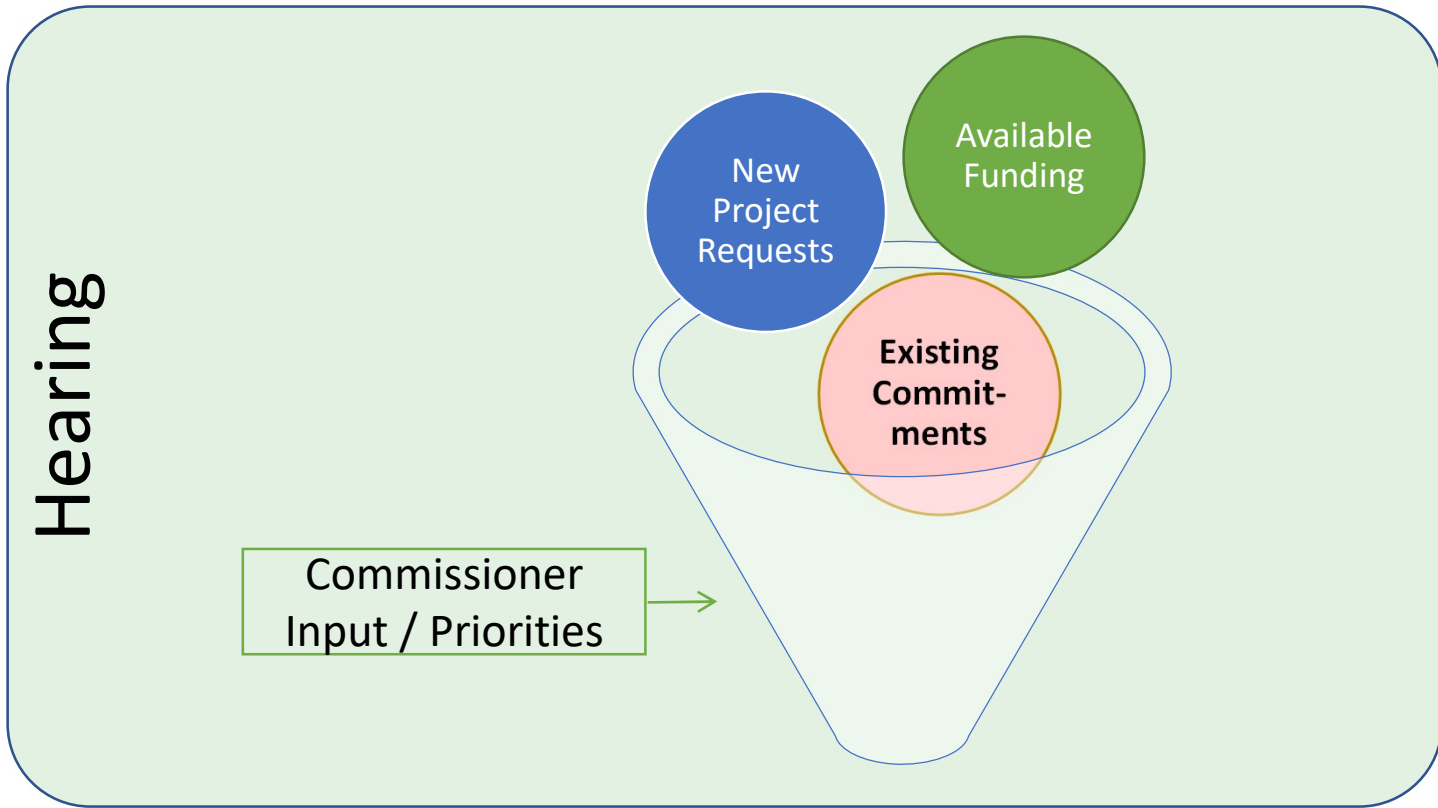
For attendees participating via Skype:

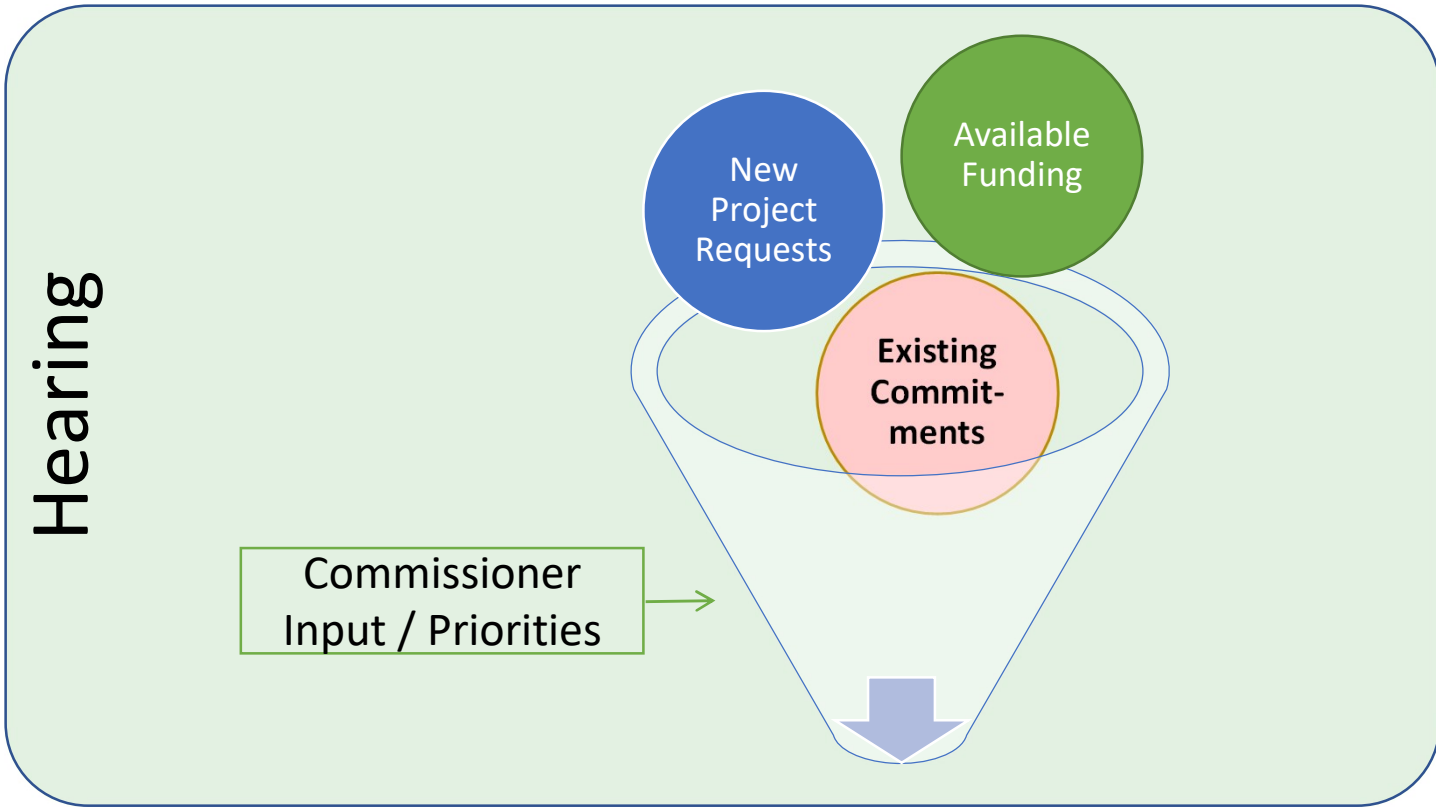
- Please keep your microphone muted until called upon.
- Handouts can be accessed from:
 - www.rcflood.org/hearings

Introductory Comments and Recent Activities

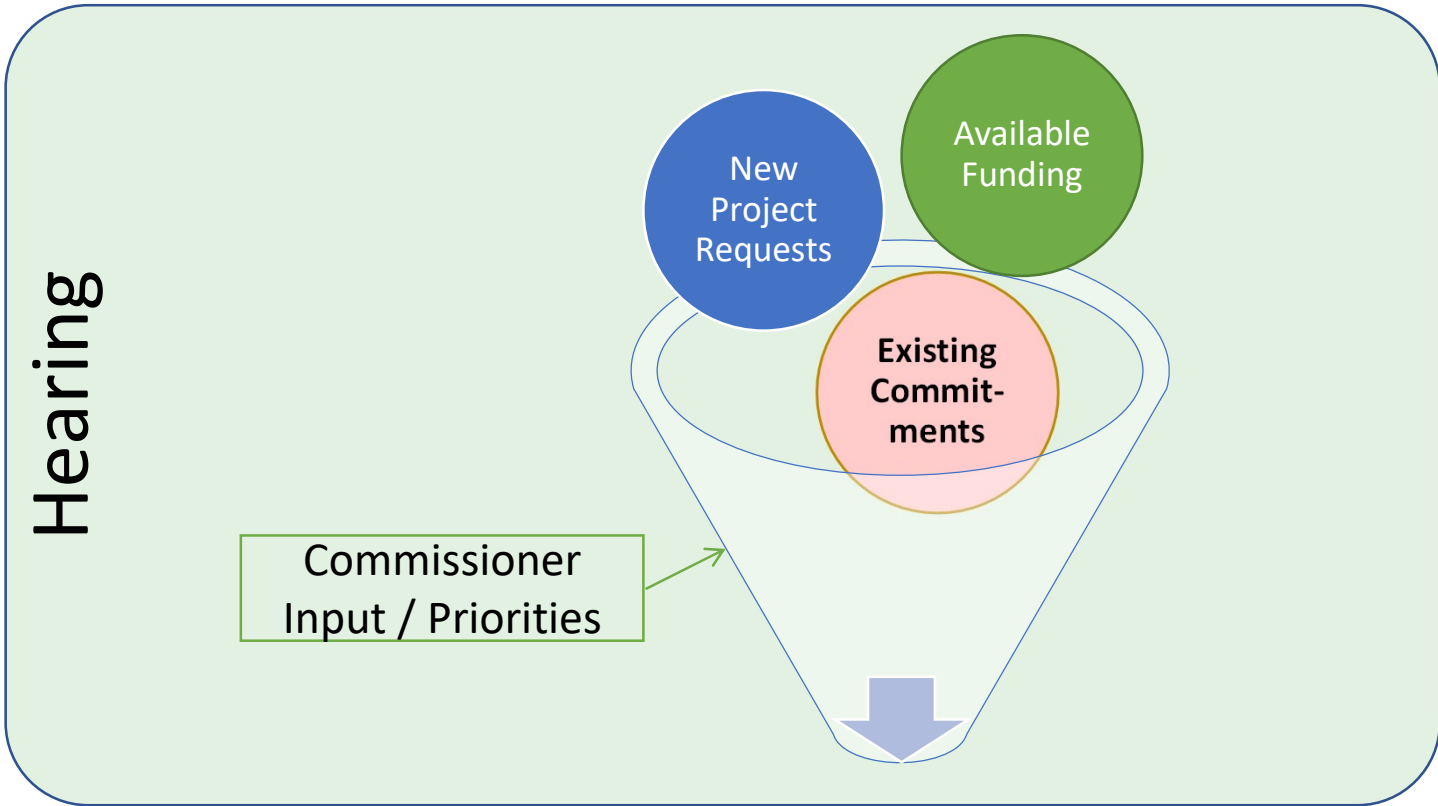
Hearing

New
Project
Requests



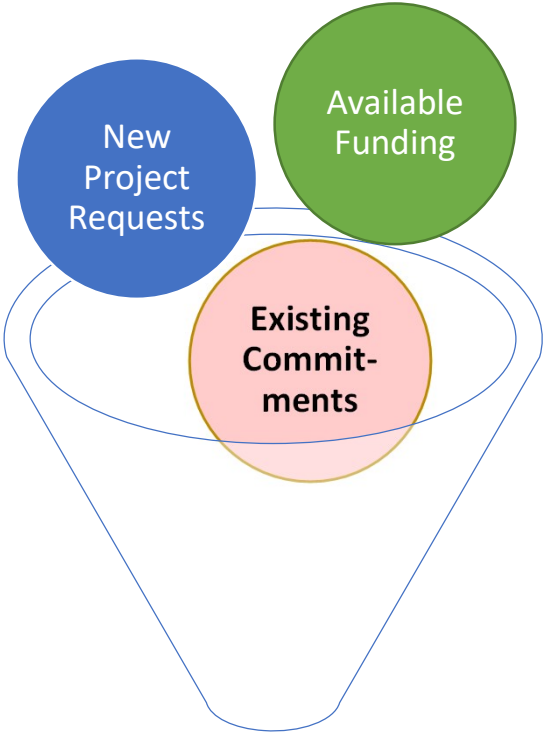


District Staff Evaluate projects, costs, funding



District Staff Evaluate projects, costs, funding







Available
Funding



Jeanine Rey
Finance Director

ZONE 4

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.

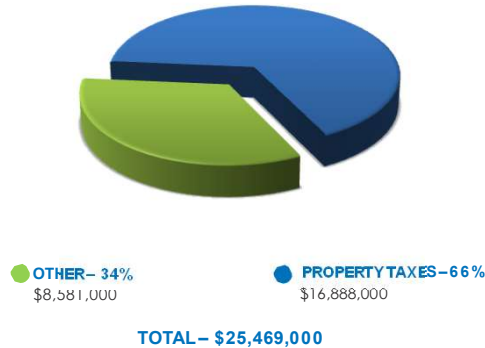
The available Fund Balance usually makes up the difference if projected revenue does not cover projected appropriations.

Fund Balance for FY 2019-2020

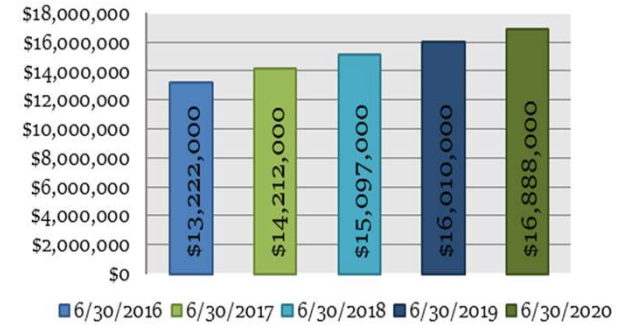
July 1, 2019 - \$46,282,053

June 30, 2020 - \$57,088,125

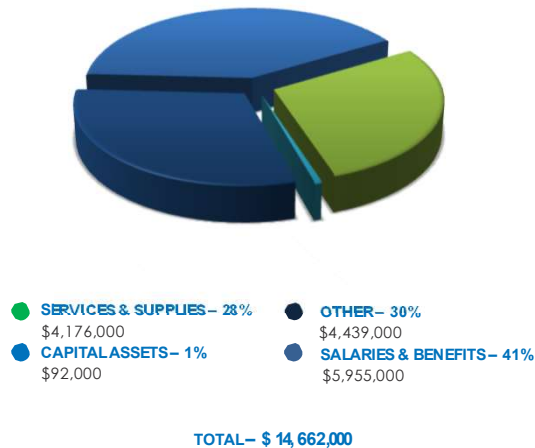
SOURCES (Where the money comes from)



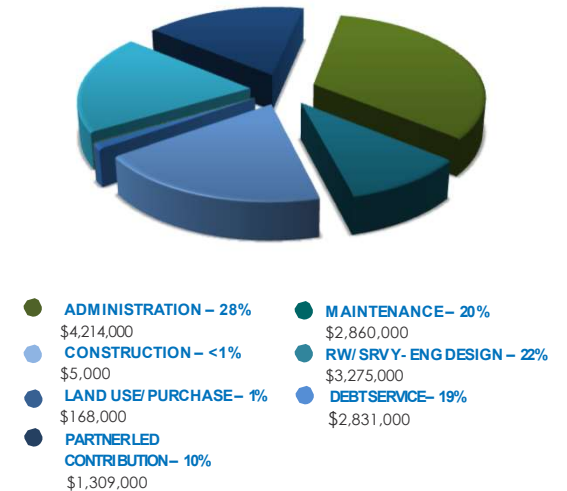
PROPERTY TAXES

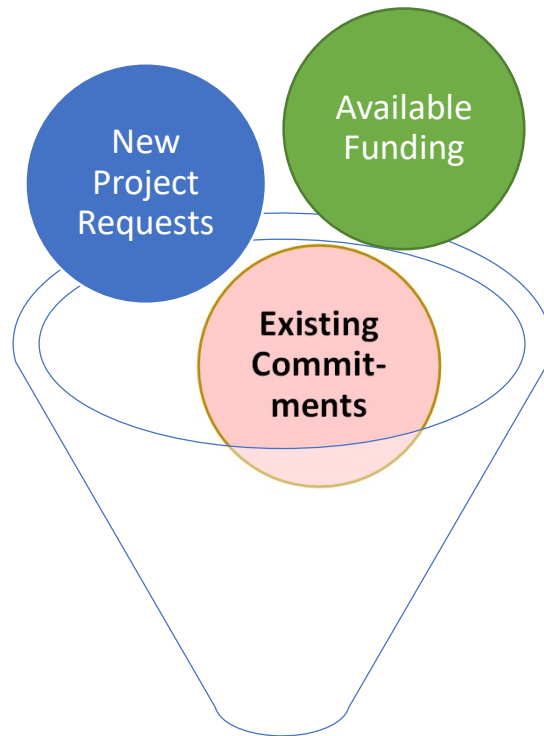


EXPENDITURES (Where the money is spent)



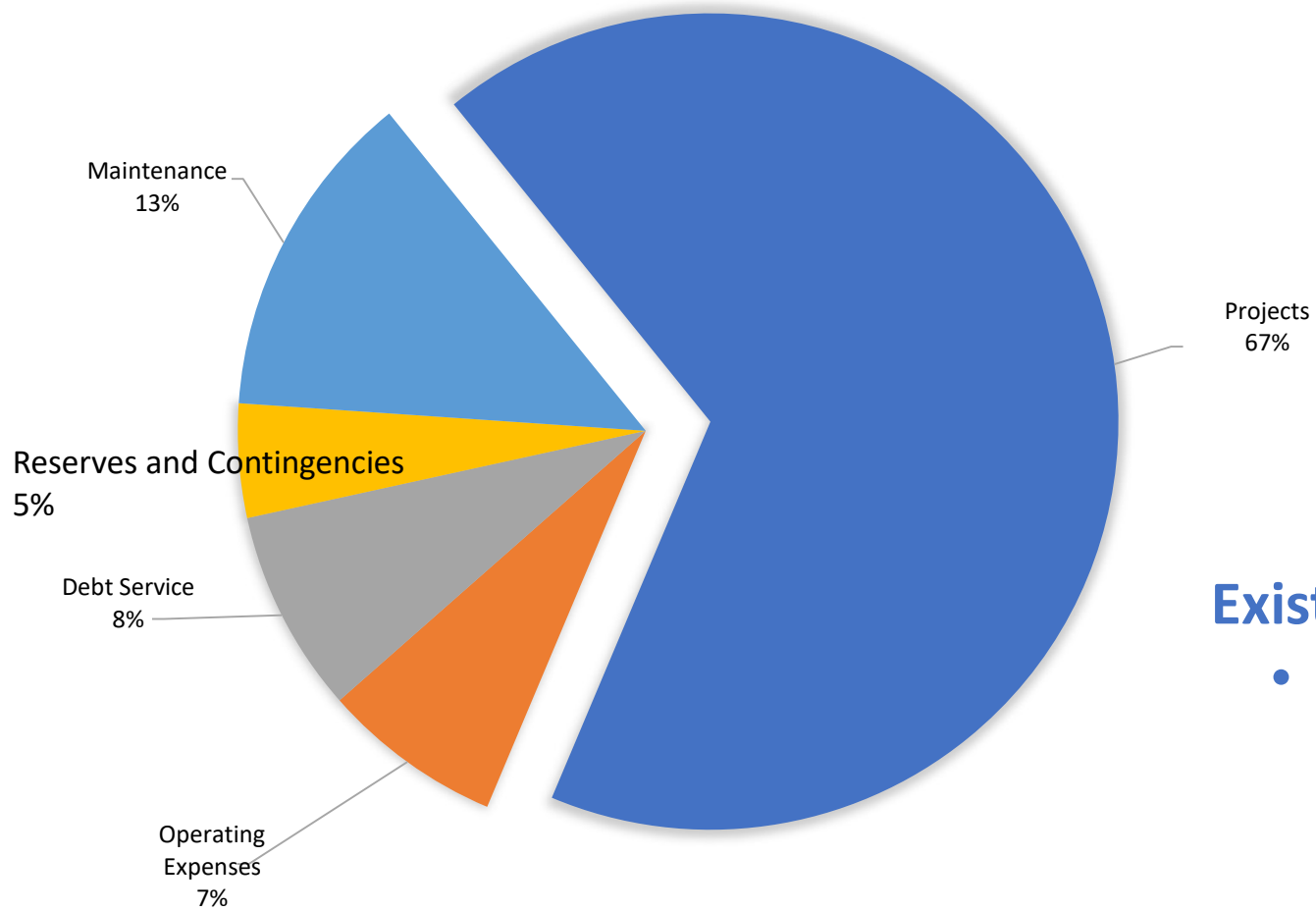
USES (How the money is used)





**Existing
Commit-
ments**

Claudio Padres
Chief of Design and Construction



Existing 5-year CIP
• **29 Projects**

Project Number	Stg No.	Project Title	Total
DESIGN AND CONSTRUCTION			
4-8-00009	03	PERRIS VALLEY CHANNEL LATERAL B	
4-8-00025	90	POTRERO CREEK DEBRIS BASIN RESTORATION	
4-8-00030	50	BAUTISTA CRK CH (RCHR BASIN EXPANSION)	
4-8-00265	02	LITTLE LAKE MDP LINE B STG 2	
4-8-00330	00	GREEN ACRES DAM & OUTLET	
4-8-00331	01	LAKEVIEW NUEVO MDP LATERAL D	
4-8-00425	01	GOOD HOPE-OLIVE AVENUE STORM DRAIN	
4-8-00431	02	ROMOLAND MDP, LINE A-3 Stg 2 & 3	
4-8-00431	04	ROMOLAND MDP, LINE A-3 STG 4	
4-8-00431	05	ROMOLAND MDP, LINE A-3 STG 5	
PLANNING PROJECTS			
4-8-00020	03	SAN JACINTO RIVER (STAGE 3 MDP)	
4-8-00010	02	PERRIS VALLEY CHANNEL	
4-8-00219	01	HEMET - SOUTH DARTMOUTH STREET STORM DRAIN	
4-8-00410	01	MEAD VALLEY MDP LINE A	
4-8-09068	00	WEST HEMET MDP INTERIM IMPROVEMENTS	
4-8-09093	00	SAN JACINTO VALLEY MDP LINE A	

ZONE 4 TOTALS \$69,254,340 \$6,

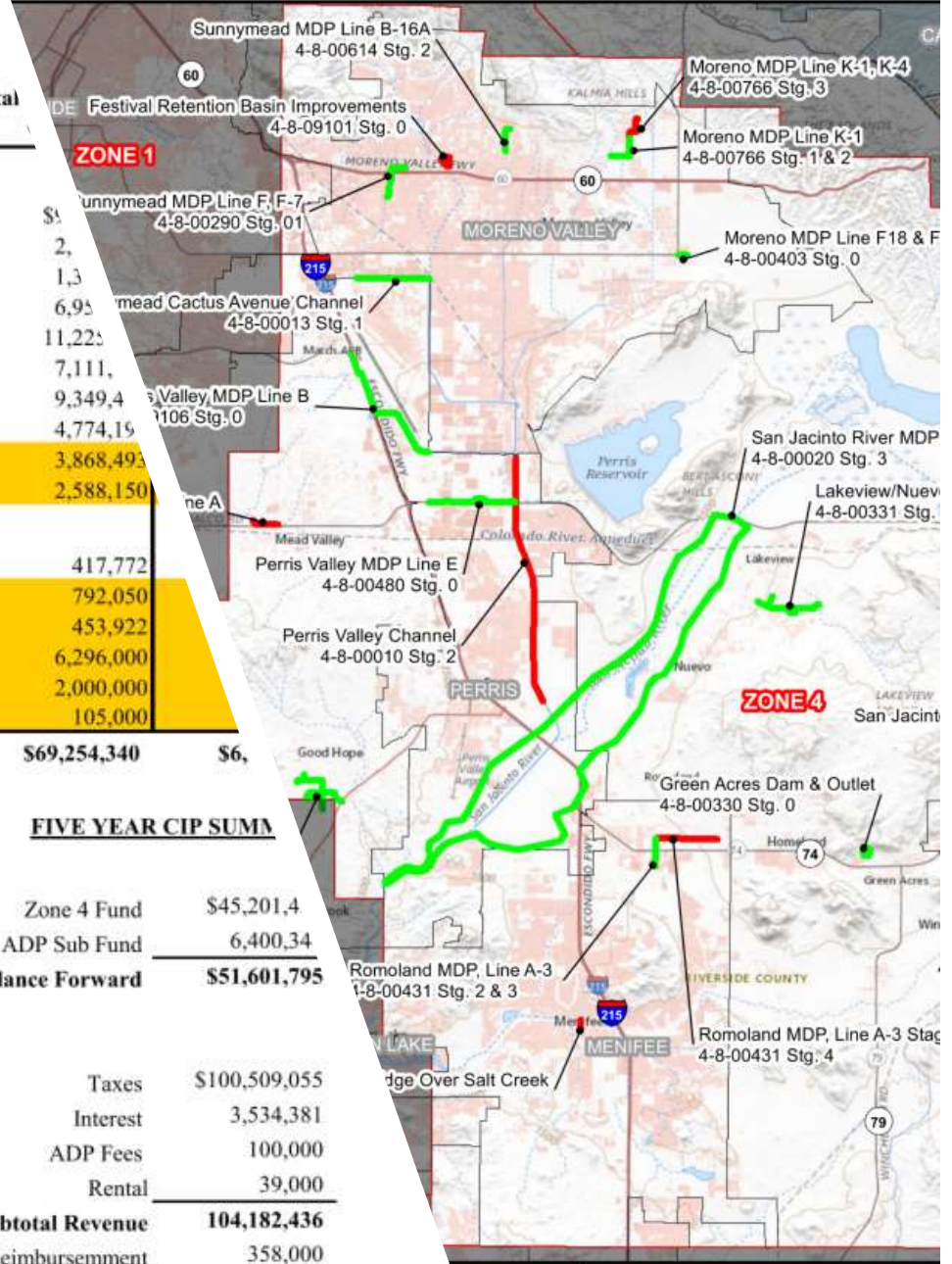
FIVE YEAR CIP SUMM

FUND BALANCE FORWARD - JULY 1, 2020:

Zone 4 Fund	\$45,201.4
ADP Sub Fund	6,400.34
Total Fund Balance Forward	\$51,601,795

REVENUE:

Taxes	\$100,509,055
Interest	3,534,381
ADP Fees	100,000
Rental	39,000
Subtotal Revenue	104,182,436
FEMA Reimbursement	358,000
External Contribution	19,982,768
Total Five Year Revenue	\$124,523,204
TOTAL FUNDS AVAILABLE	\$176,125,000



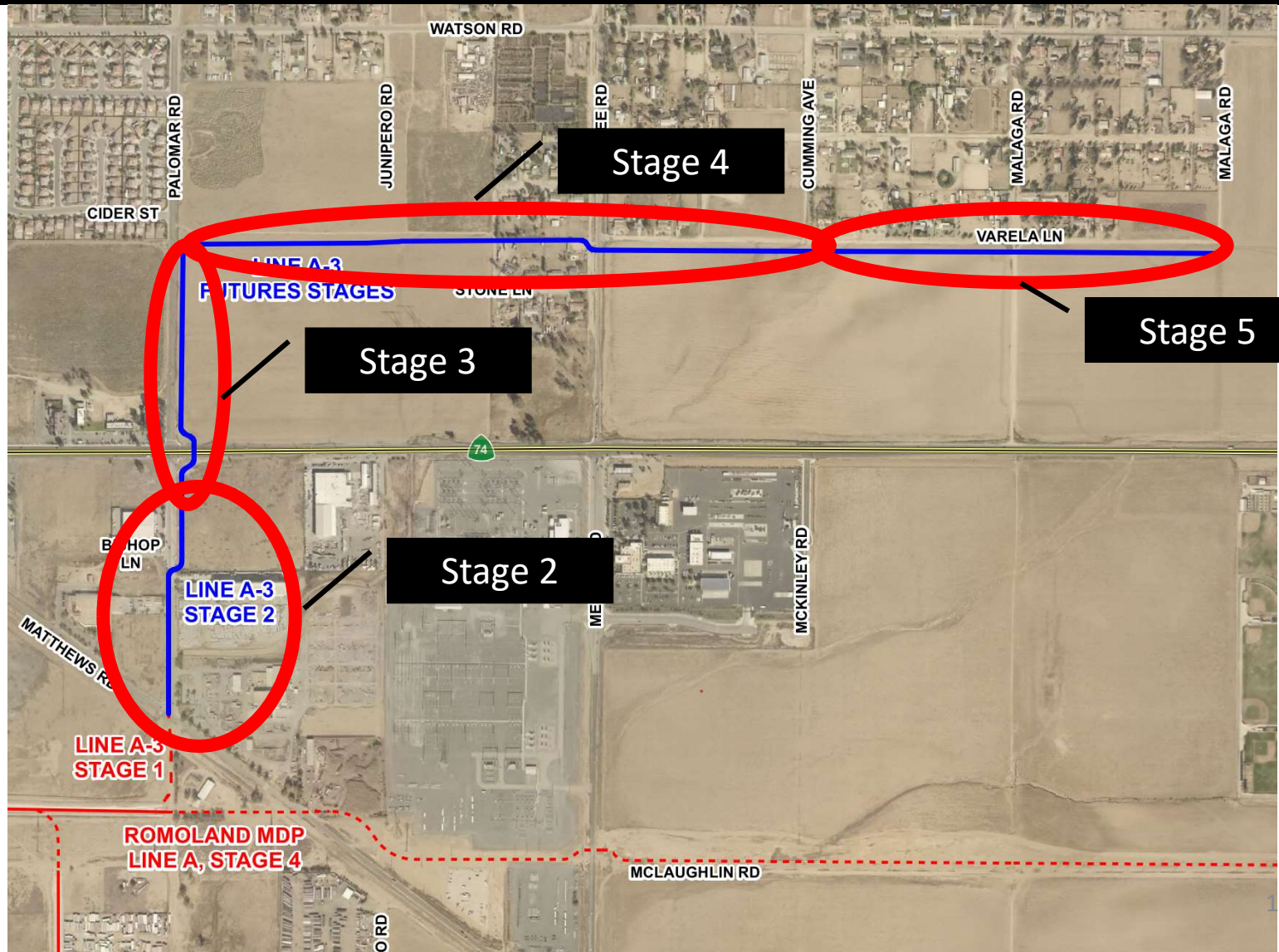
Last Updated: 2/19/2020

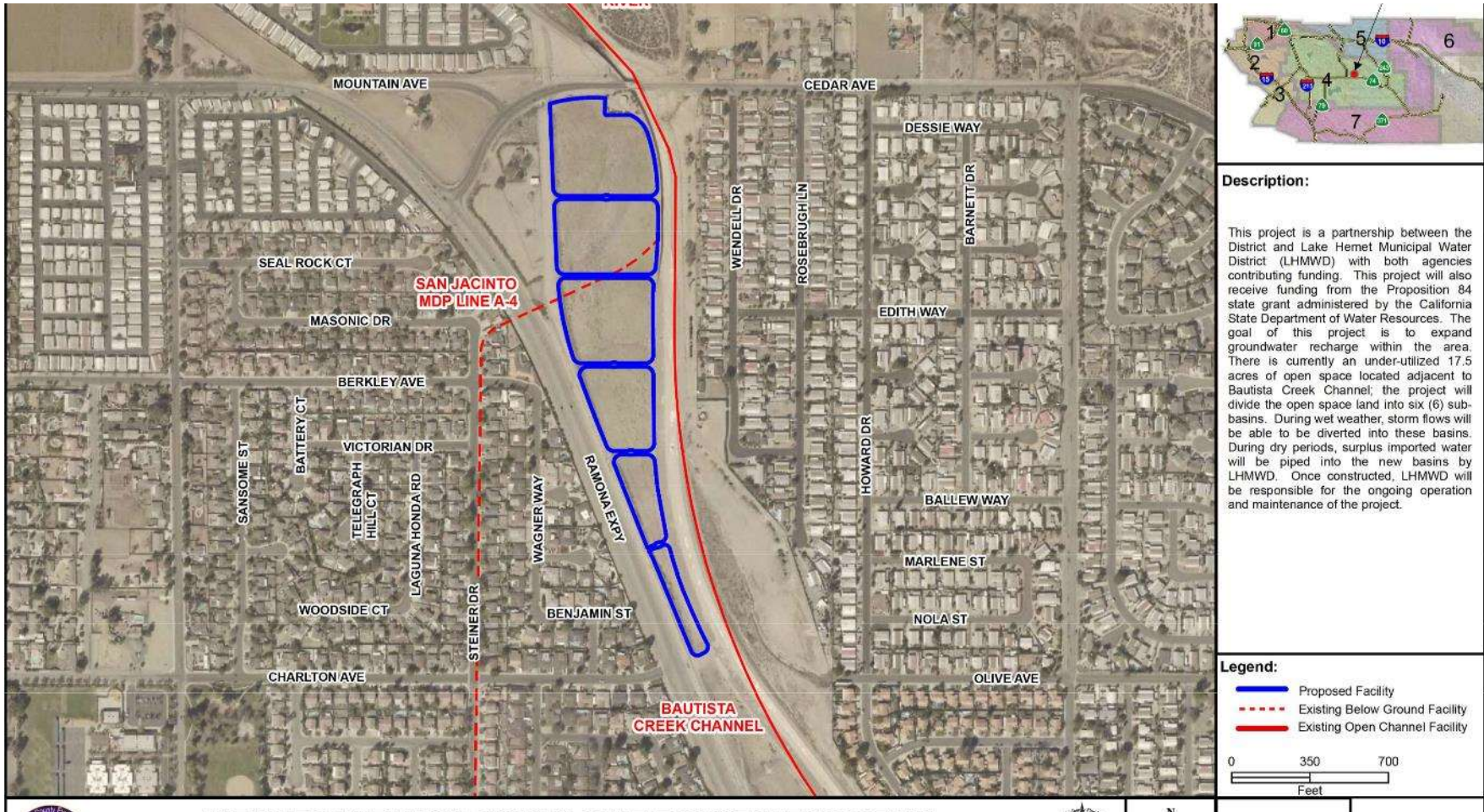
0 1 2 Miles

Not To Scale

ts

Romoland Line A-3





Bautista Creek Recharge Basins

Partnership with LHMWD
 Prop 84 Grant Funding
 \$1.5M Construction Cost
 (estimated)

Description:

This project is a partnership between the District and Lake Hemet Municipal Water District (LHMWD) with both agencies contributing funding. This project will also receive funding from the Proposition 84 state grant administered by the California State Department of Water Resources. The goal of this project is to expand groundwater recharge within the area. There is currently an under-utilized 17.5 acres of open space located adjacent to Bautista Creek Channel; the project will divide the open space land into six (6) sub-basins. During wet weather, storm flows will be able to be diverted into these basins. During dry periods, surplus imported water will be piped into the new basins by LHMWD. Once constructed, LHMWD will be responsible for the ongoing operation and maintenance of the project.

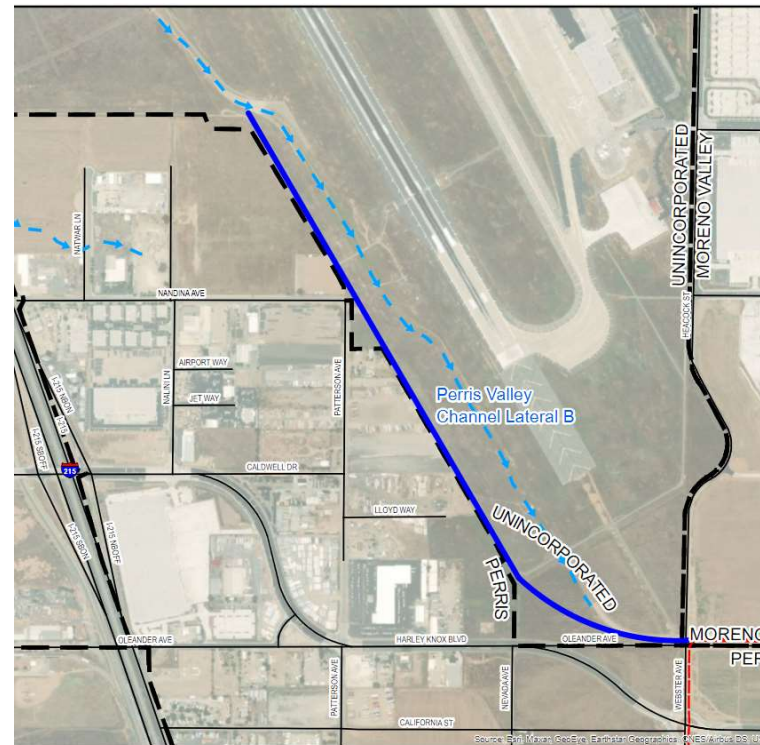
Legend:

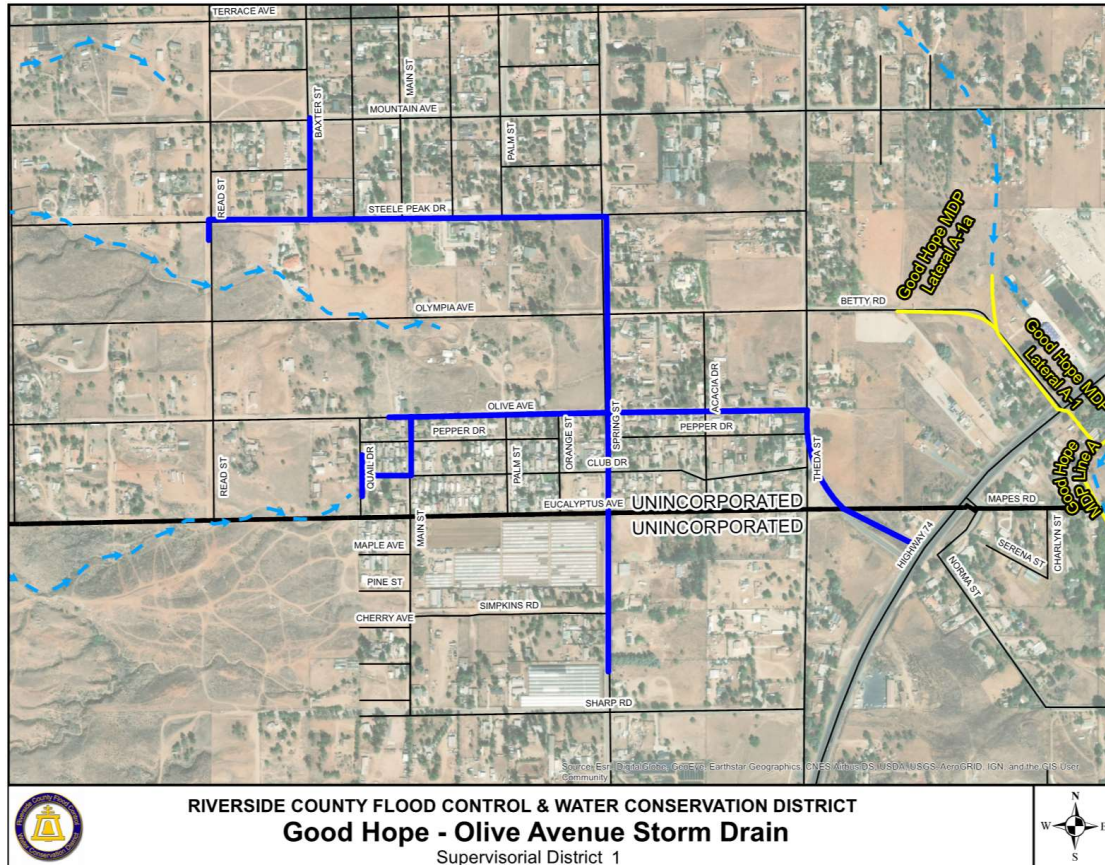
- Proposed Facility
- - - Existing Below Ground Facility
- Existing Open Channel Facility

0 350 700
 Feet

Perris Valley Channel Lateral B

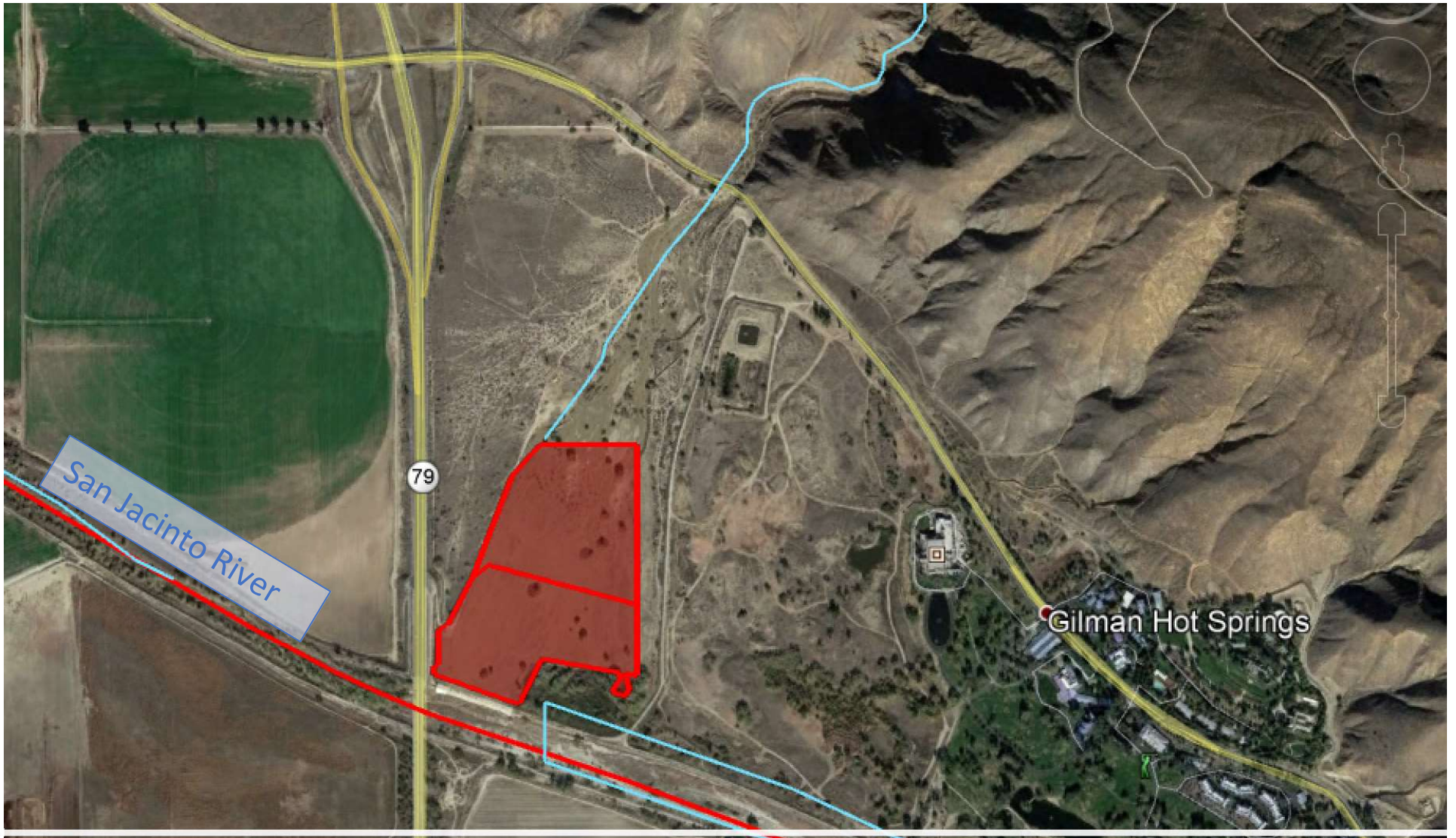
- Joint effort with MJPA to contribute \$4M.
- Project scoped to pick up 2400cfs.
- Includes a combination of single and double RCB.





- Mapping in complete
- Full project scoping is complete.
- Numerous watercourses though private property cause repeated flooding

Good Hope Olive Avenue SD



Potrero Creek Basin

© 2018 Google

Google¹⁸ Earth



Partner Projects



San Jacinto MDP Line D-2 Ext.



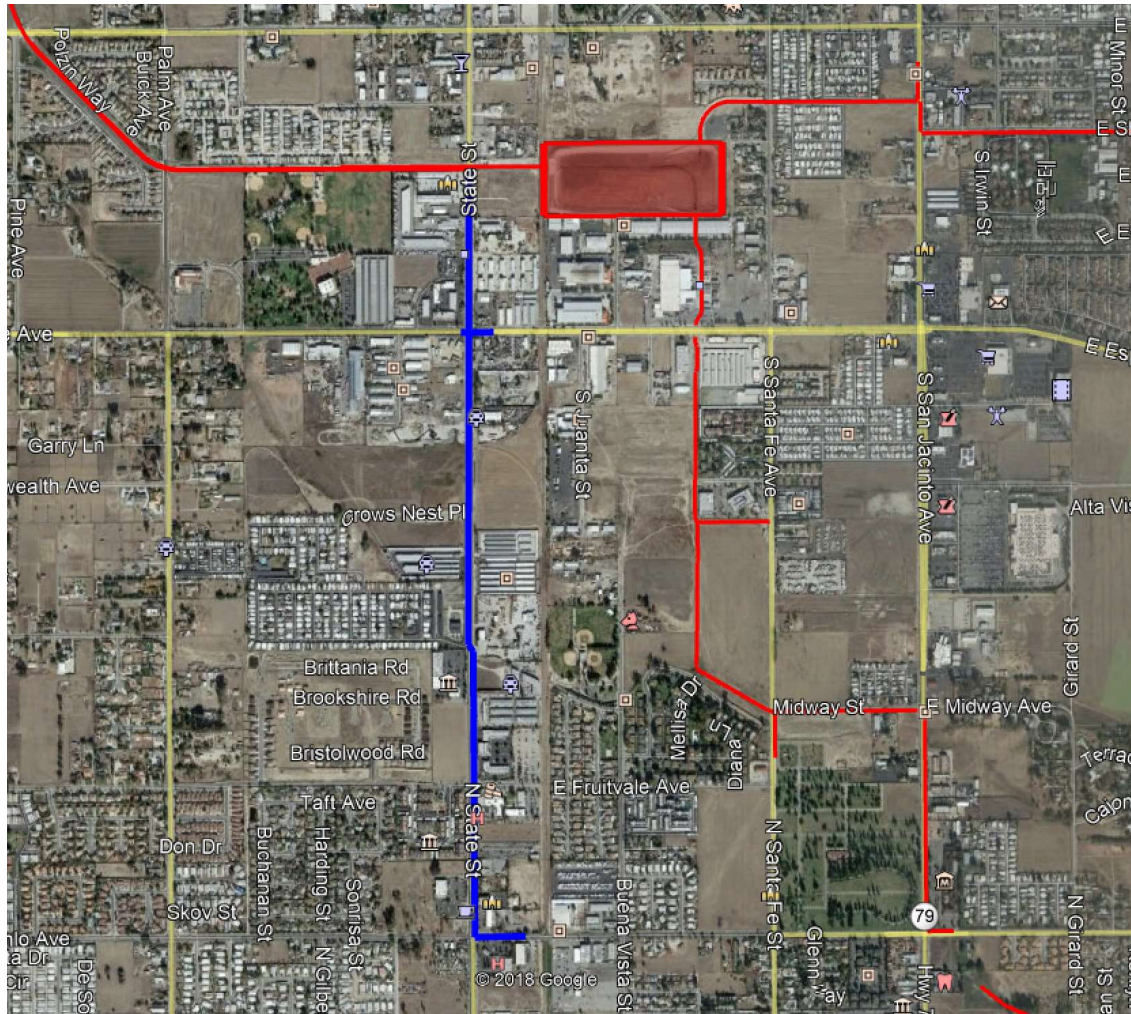
Sunnymead MDP Line B-16a



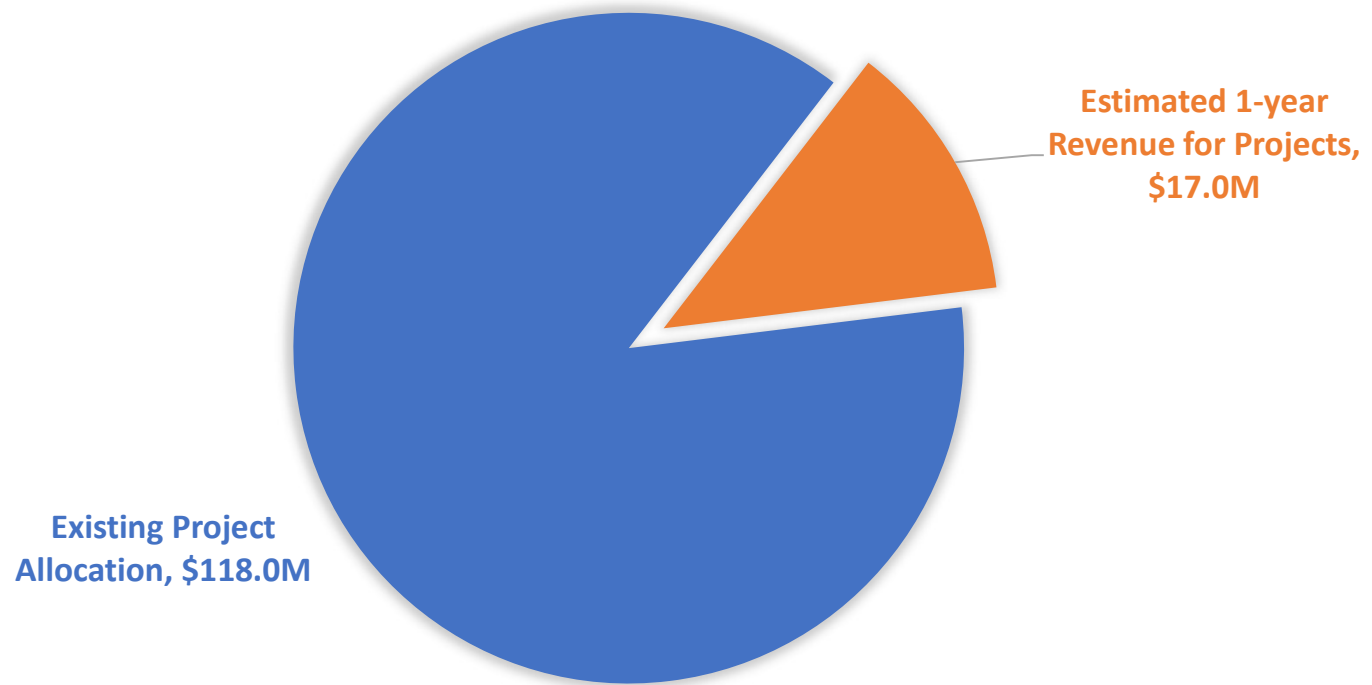


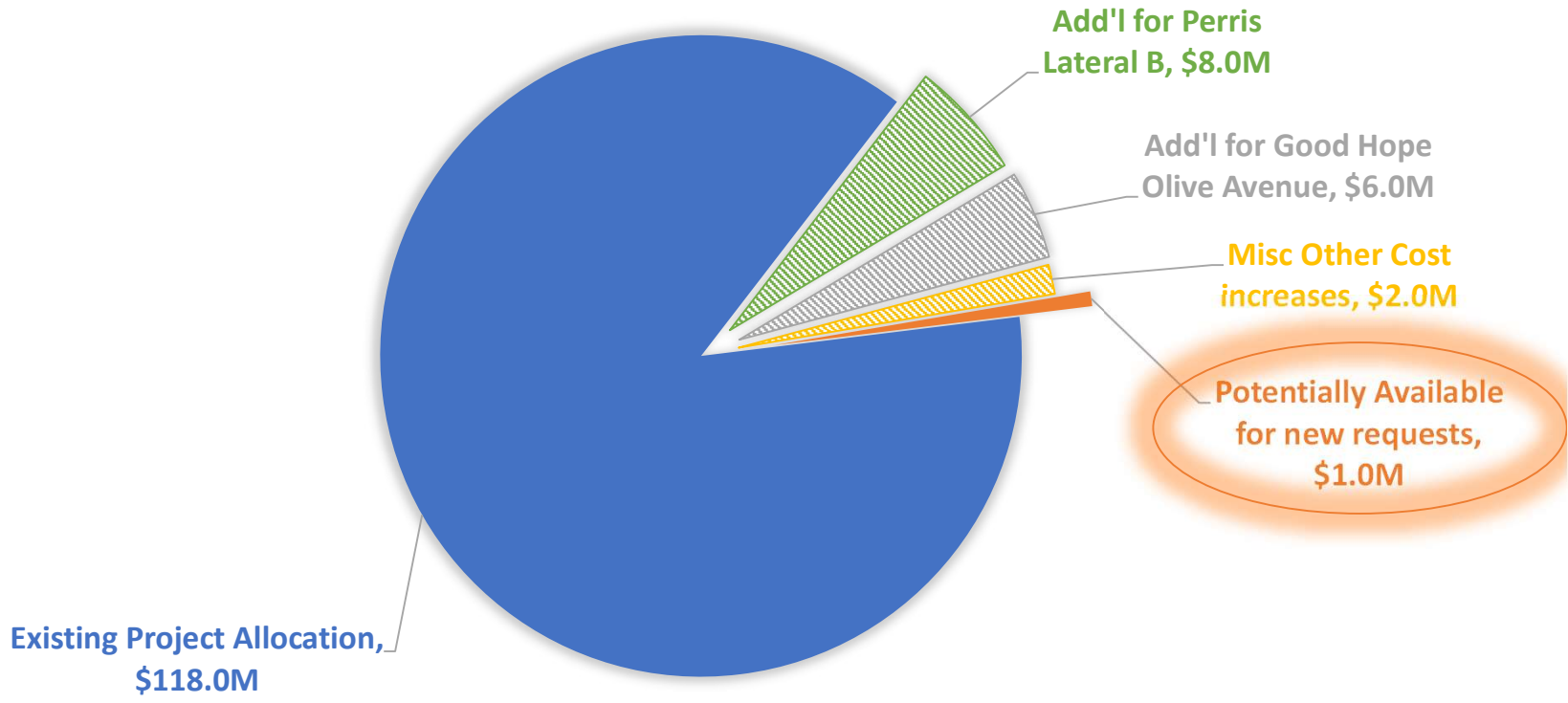
Moreno Valley Partner Projects

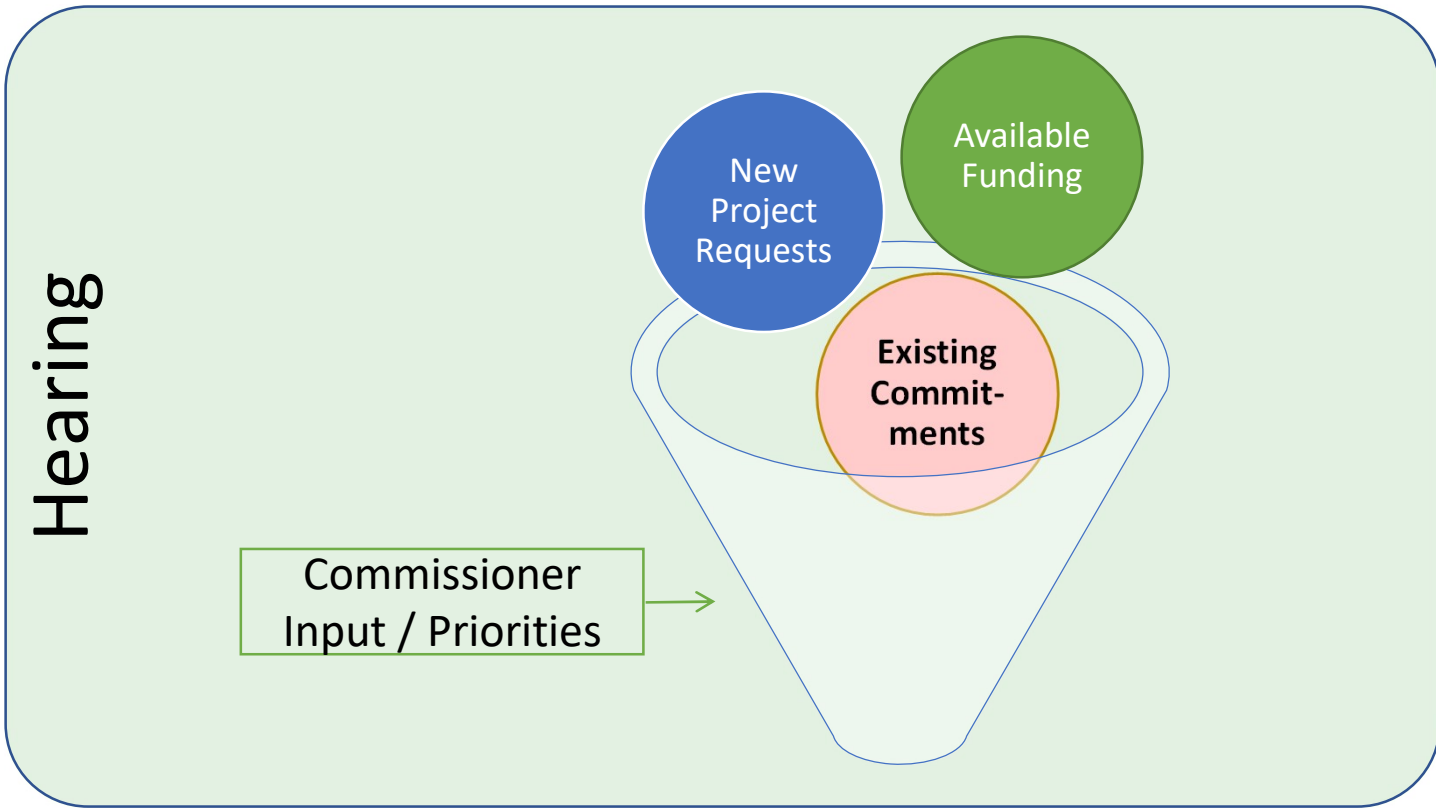
- Moreno-Alessandro Interim Facility (aka Discovery Church)
- Sunnymead Line M-11 Extension (aka Flaming Arrow)



San Jacinto Line E-2 and E-2a







New
Project
Requests

7 Requests Received to Date

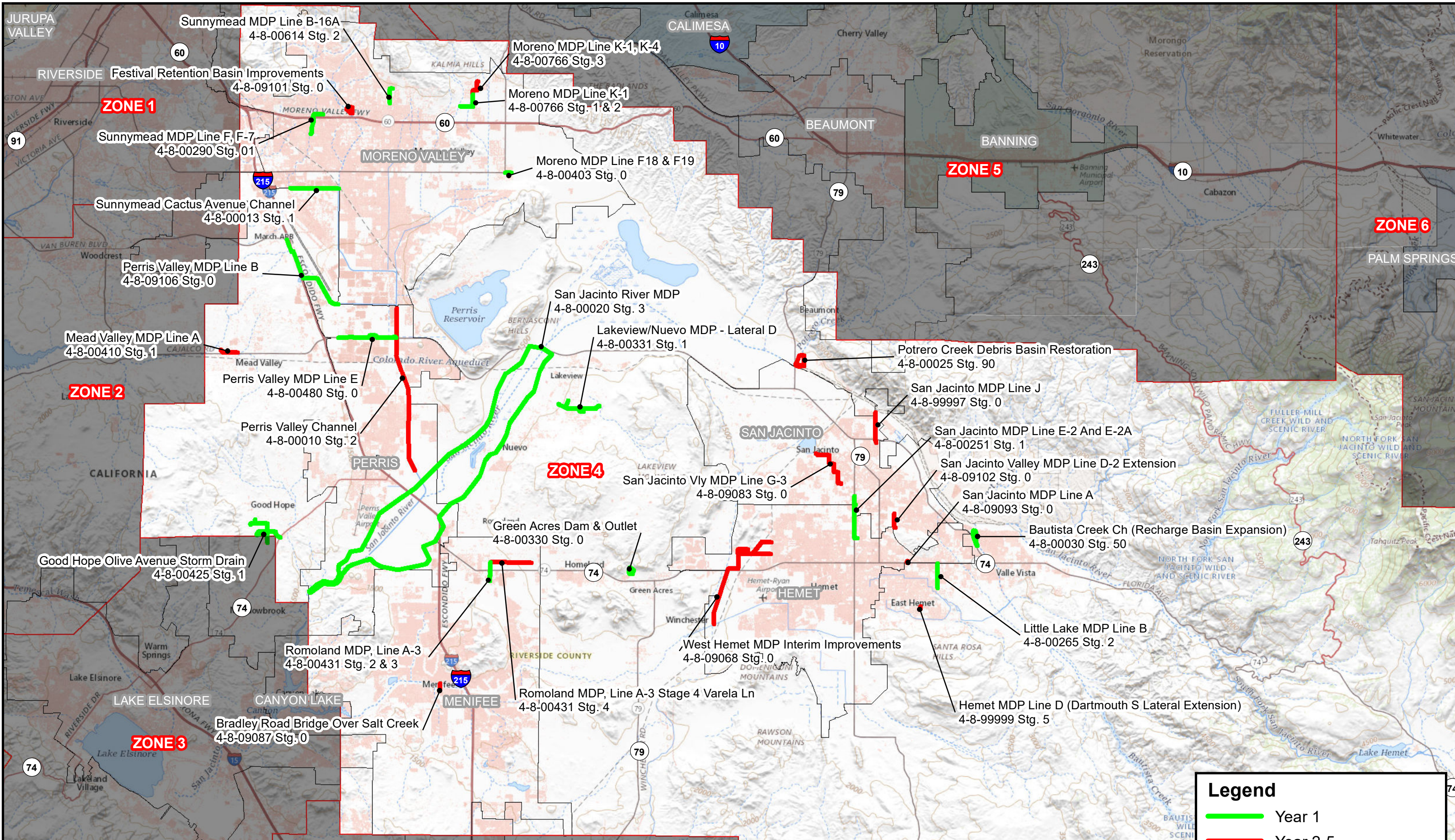
Requests

Requested By	Project Name	Budget Status	Priority	Total Cost	District Cost
SUN HOLLAND, LLC	HOLLAND CHANNEL - TRACT MAP 37439	NEW REQUEST		\$ 26,730,514	6,600,000
CITY OF MORENO VALLEY	PERRIS VALLEY MDP LINE B-1	PREVIOUSLY REQUESTED NOT FUNDED	3:8	\$ 875,000	875,000
CITY OF MORENO VALLEY	SUNNYMEAD MDP LINE H	PREVIOUSLY REQUESTED NOT FUNDED	2:8	\$ 850,000	850,000
CITY OF MORENO VALLEY	MORENO MDP CACTUS DETENTION BASIN	PREVIOUSLY REQUESTED NOT FUNDED	5:8	\$ 9,425,000	9,425,000
CITY OF MORENO VALLEY	MORENO MDP LINE K FROM IRONWOOD AVE TO RECHE CYN DEBRIS BASIN	PREVIOUSLY REQUESTED NOT FUNDED	6:8	\$ 10,950,000	10,950,000
CITY OF MORENO VALLEY	SUNNYMEAD MDP LINE A-1	PREVIOUSLY REQUESTED NOT FUNDED	7:8	\$ 725,000	725,000
CITY OF MORENO VALLEY	WEST END AREA DRAINAGE PLAN LINE GG	PREVIOUSLY REQUESTED NOT FUNDED	8:8	\$ 1,579,600	1,579,600
Total				\$ 51,135,114	31,004,600

New
Project
Requests

Public Input





RCFC Zone 4 Five-Year CIP Projects
Fiscal Years 2020-2025

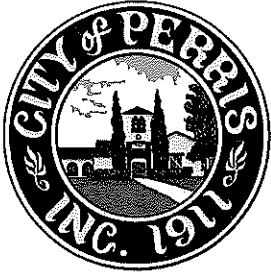
Last Updated: 2/19/2020
 0 1 2 Miles
 Not To Scale



Legend

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

Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System Dataset, and National Transportation Dataset; USGS Global Ecosystem Dynamics Inventory; Department of State Humanitarian Information Unit; and NOAA National Ocean Service



CITY OF PERRIS

STUART E. MCKIBBIN, CITY ENGINEER

December 3, 2020

Riverside County Flood Control and
Water Conservation District
1995 Market Street
Riverside, CA 92501

Dear Mr. Uhley, *Jason*

The City of Perris greatly appreciates the generous support that the District has provided for various drainage projects, the most recent being Perris Valley MDP Line E. Thank you. In addition to the District's partnership, the City has found your staff to be incredibly helpful in providing necessary agreements, project information and guidance.

This year, the City of Perris would like to highlight San Jacinto Avenue, one of the three major crossings over the Perris Valley Channel that is inadequate. San Jacinto Avenue between Murrieta Road and Dunlap Drive is closed multiple times per year due to the capacity under the road being undersized, and just last year it was closed 5 times. This affects not only local residents, but residents of Nuevo to the east. Therefore, the City is requesting that the crossing be sized for an average flood event, or even the ultimate design for the proposed San Jacinto River low flow.

The City of Perris looks forward to working with Riverside County Flood Control and Water Conservation District again in the future as partners to better our community.

Very truly yours

Stuart E. McKibbin
City Engineer

Enclosure
CSS:



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Perris

Project Name/Designation San Jacinto Avenue Crossing

Priority (Public Agency Use Only): Rank No. 1 of 1

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Perris Valley Storm Drain and San Jacinto Avenue

Approximate Length/Extent _____

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

**If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.*

San Jacinto Avenue, between Murrieta Road and Dunlap Drive, crosses over the Perris Valley Channel. The crossing at San Jacinto Avenue is integral to our city's circulation. Due to the area being in a floodplain, San Jacinto Avenue is typically closed during the heavier rainfall events which removes a substantial crossing over the channel during rainy weather. San Jacinto Avenue is one of the 3 major crossings across the channel. In the last year alone this road was closed 5 times.

In addition the damage to the roadway results in repeated high costs to the city. The City would like to design the San Jacinto crossing for an average sized storm event to allow for the closures to happen less frequently. This would not only reduce repair costs, but would allow the public greater access across the channel during rain events. Which would serve City residents as well as residents of Nuevo to the east.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (___ acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input checked="" type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (___ parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?

*If multiple are selected, please explain in section 2. Project Description

District	City	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	100			\$ 20,000.00
Construction	100			\$ 535,000.00
Design	100			\$ 80,000.00
Mitigation				
Monitoring				
R/W Acquisition				
Total Funds Requested from District				
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Stuart E. McKibbin

E-Mail: stuart@trilakeconsultants.com

Title: City Engineer

Phone: 951-943-6504

To submit please email form and attachments to RCFC-CIP@rivco.org

For Office Use Only



December 3, 2020

Riverside County Flood Control and
Water Conservation District
1995 Market Street
Riverside, CA 92501

Dr. Mr. ~~Uhley~~ *Jason*

The City of San Jacinto greatly appreciates the generous support that the City has received from the District to construct a variety of partner projects. Thanks to the District's financial assistance, the City looks forward to starting construction on the following projects this fiscal year:

- San Jacinto D-2 extension, which is a part of our Hewitt Street Improvement project
- San Jacinto E-2

Not only has the District provided San Jacinto with beneficial projects, but also assists our staff with Developer plans and providing information such as project plans and aerial photography. The resources that the District provides have been invaluable.

This year the City of San Jacinto would like to request another minor drainage project, the Park Side Minor Drainage Improvement project. The basin that was built as part of the Park Side development has overtopped due to an inadequate outlet for years, costing the City money in repairs and worrying residents. We propose to replace the undersized pump and add another force main to discharge storm flows at the northeast corner of Cottonwood and Sanderson.

San Jacinto looks forward to working with you on future projects.

Very truly yours,

Stuart E. McKibbin
City Engineer

Enclosure
CSS:

City Engineer's Office



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of San Jacinto

Project Name/Designation Park Side Minor Drainage Improvement

Priority (Public Agency Use Only): Rank No. _____ of _____

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Cottonwood and Sanderson in the City of San Jacinto

Approximate Length/Extent _____

Briefly describe the primary reason for the request as well as the project's physical attributes if known(such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

There is a basin located in the development area of Park Side Village on the east side of Sanderson, north of 7th street. and south of Cottonwood Avenue in the City of San Jacinto. The basin overflows constantly due to a poor design, and constantly floods surrounding streets and homes. The City of San Jacinto would like to upgrade the pump and force main to ensure an adequate outlet toward the existing concrete channel at Cottonwood and Sanderson. Improving this outlet would help the City by protecting it's residents, as well as a Sanderson which is a major thoroughfare.

The City would like to use a portion of the existing funding from the SJR Stage 4 allocation to use towards this project.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (___ acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (<u>20</u> parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				Cost Breakdown (if available)
	Cost Share (% or \$)			
	District	City		
CEQA/Regulatory Permits	100			
Construction	100			
Design	100			
Mitigation				
Monitoring				
R/W Acquisition				
Total Funds Requested from District				\$ 240,500.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Stuart E. McKibbin

E-Mail: stuart@trilakeconsultants.com

Title: City Engineer

Phone: 951-943-6504

To submit please email form and attachments to RCFC-CIP@rivco.org

For Office Use Only



Park Side Minor Drainage Improvement

Vicinity Map

TEL: 951.413.3100
WWW.MOVAL.ORG



14177 FREDERICK STREET
P.O. BOX 88005
MORENO VALLEY, CA 92552-0805

October 12, 2020

Mr. Jason E. Uhley, General Manager-Chief Engineer
Riverside County Flood Control and Water Conservation District
1995 Market Street
Riverside, CA 92501

SUBJECT: NOMINATION OF FLOOD CONTROL PROJECTS FOR FY 2021/22

Dear Mr. Uhley:

The City is in receipt of the letter from the Riverside County Flood Control and Water Conservation District ("District") dated September 14, 2020 requesting project nominations for the Fiscal Year 2021/22 Zone 4 Budget. The City appreciates being a partner with the District to deliver critical projects. As such, we request the continuation of funding for all ongoing projects as appropriated with previous year's Zone 4 budget. These projects are:

- Sunnymead MDP Line M-11 Extension (Flaming Arrow) Project No. 4-8-00365
- Moreno MDP Line K-1 Stg 2 Project No. 4-8-00766
- Sunnymead MDP Line B-16A Project No. 4-8-00614
- Sunnymead MDP Line F and F-7 Project No. 4-8-00290
- Moreno MDP Line F-18 and F-19 Project No. 4-8-00403

Furthermore, the City of Moreno Valley would like to submit the following project nominations for the Fiscal Year 2021/22 Zone 4 Budget. The projects are listed per master drainage plans. CIP Project Request Forms are enclosed for the top projects and are denoted with an asterisk (*).

PUBLIC WORKS DEPARTMENT

SUNNYMEAD MASTER DRAINAGE PLAN

1. Festival Retention Basin Improvements. The basin is known as Indian Basin located on parcel 481-020-020 on the south side of Ironwood Avenue and east of Davis Street *
2. Line H. Missing segment of Line H between SR-60 and Sunnymead Boulevard *
3. Line A-1. Along Perris Boulevard from Suburban Lane to its southerly terminus at PVSD Lateral "A" *

MORENO MASTER DRAINAGE PLAN

1. Line K-1 and K-4 Stg 3. Line K-1 along Pettit Street, Kalmia Avenue, and Carrie Lane from Juniper Avenue to its north terminus at Locust Street, and Line K-4 along Locust Street from Carrie Lane to 300 feet east (San Timoteo Foothill) *
2. Cactus Detention Basin south of Brodiaea Avenue, west of Redlands Boulevard and north of Cactus Avenue *
3. Line K parallel with Moreno Beach Drive from Ironwood Avenue to Kalmia Avenue *
4. Line H and H-11 east of Nason Street between Cactus Avenue and Dracaea Avenue
5. Sinclair Retention Basin and Line B and Line D-8 north of Sinclair Basin
6. Quincy Basin at Line A south terminus, north of SR-60

PERRIS VALLEY MASTER DRAINAGE PLAN

1. Line B-1 along Perris Boulevard from San Michele Road to Rivard Road *
2. Line C along Heacock Street from San Michelle Road to PVSD Lateral B

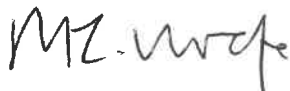
WEST END AREA DRAINAGE PLAN

1. Line GG from west of Old Highway 215 easterly to its terminus *
2. Line V-1 from the westerly City limits to its terminus to Clark Street

Letter to Jason E. Uhley, General Manager, Chief Engineer
October 12, 2020
Page 3

Thank you for the opportunity to present these projects to you for your consideration. If you have any questions, we would be pleased to discuss them with you at your convenience.

Sincerely,



Michael L. Wolfe, P.E.
Public Works Director/City Engineer

Attachment: Capital Improvement Project Request Forms for the projects with high priority which are denoted with *

cc: Mike Lee, City Manager
Marshall Eyerman, Assistant City Manager, Chief Financial Officer/ City Treasurer
Manuel A. Mancha, Community Development Director
Michael Lloyd, Engineering Division Manager/Assistant City Engineer
Steve Pivovarov, Maintenance and Operations Manager
Rae Beimer, Storm Water Program Consultant (Charles Abbott)
Henry Ngo, Capital Projects Division Manager
Marge Lazarus, Senior Engineer, P.E.
Quang Nguyen, Senior Engineer, P.E.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Sunnymead MDP Festival Retention Basin Improvements

Priority (Public Agency Use Only): Rank No. 1 of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Davis St south of Ironwood Avenue

Approximate Length/Extent 11.8 acres

**Briefly describe the primary reason for the request as well as the project's physical attributes if known(such as objective/goal, type/size, design size of storm, floodplain involved, etc.).
Attach an exhibit with the proposed project location/alignment and any additional relevant information.**

**If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.*

This project provides improvements to the existing Festival Retention Basin that include clearing and removal of vegetation and palm trees, the removal of deposited silts and regrading of basin floor to establish low flow channel, installation of security fence and gates, reestablishment of service road, installation of metal grates at the inlets/outlets, and modifications to the existing basin spillway.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|--|--|
| <input type="checkbox"/> Water conservation/recharge (____ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (____ acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (____ miles) |
| <input type="checkbox"/> Urban water quality improvement (____ offsite acres treated) | <input checked="" type="checkbox"/> Control debris/sediment |
| <input type="checkbox"/> Reduce community flooding (____ parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (____ acres) |
| <input type="checkbox"/> New parkland (____ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				\$ 1,000,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	\$23,500			\$ 23,500.00
Construction	\$898,000			\$ 898,000.00
Design	\$78,500			\$ 78,500.00
Mitigation	TBD			
Monitoring	TBD			
R/W Acquisition				
Total Funds Requested from District				\$ 1,000,000.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Div. Manager Phone: (951) 413-3106

To submit please email form and attachments to RCFC-CIP@rivco.org

For Office Use Only



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Sunnymead MDP Line H between SR-60 and Sunnymead Boulevard

Priority (Public Agency Use Only): Rank No. 2 of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) SR-60 and Indian Street Overcrossing

Approximate Length/Extent 600 feet

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

To complete missing segment of Line H between SR-60 and Sunnymead Boulevard. The missing segment is currently a natural earthen channel and has ongoing homeless camp issues, debris/trash clean up issues, and flooding issues.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input checked="" type="checkbox"/> Reduce FEMA floodplain (<u>10</u> acres) |
| <input type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input checked="" type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (<u>5</u> parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				\$ 850,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	TBD			
Construction	\$625,000			\$ 625,000.00
Design	\$150,000			\$ 125,000.00
Mitigation	TBD			
Monitoring	TBD			
R/W Acquisition	\$75,000			\$ 75,000.00
Total Funds Requested from District				\$ 850,000.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

To submit please email form and attachments to RCFC-CIP@rivco.org

For Office Use Only



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Perris Valley MDP Line B-1 (San Michele to Rivard)

Priority (Public Agency Use Only): Rank No. 3 of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Perris Valey MDP line B-1 from San Michele Rd to Rivard Rd.

Approximate Length/Extent 650 LF

Briefly describe the primary reason for the request as well as the project's physical attributes if known(such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

Proposed Perris Valley MDP Line B-1 has been constructed from Line B up to a point approximately 650' north of San Michele Road. The final reach is approximately 650' up to Rivard Road. The final reach is needed to alleviate frequent flooding at the intersection of Perris Boulevard at Rivard Road and sediment/debris build up upstream of the existing facility.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (___ acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input checked="" type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (<u>10</u> parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				\$ 875,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	\$25,000			\$ 25,000.00
Construction	\$700,000			\$ 700,000.00
Design	\$150,000			\$ 150,000.00
Mitigation	TBD			
Monitoring	TBD			
R/W Acquisition		\$0		
Total Funds Requested from District				\$ 875,000.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

To submit please email form and attachments to RCFC-CIP@rivco.org

For Office Use Only



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Moreno MDP Line K-1 Stage 3 and K-4

Priority (Public Agency Use Only): Rank No. 4 of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Along Pettit St, Kalmia Ave, Carrie Ln, and Locust Ave

Approximate Length/Extent 3,809 feet

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

The project is located within the Moreno MDP in the northeast area of the City of Moreno Valley. Line K-1 starts from the intersection of Juniper Avenue and Pettit Street, goes north along Pettit Street and east along Kalmia Ave, then goes north along Carrie Lane to the intersection of Carrie Lane and Locust Avenue. Line K-4 starts at the end of Line K-1 at Carrie Lane/Locust Avenue intersection then goes east along Locust Avenue for approximately 300 feet. The project is to mitigate frequent flooding of homes along Carrie Lane and streets including Carrie Lane, Kalmia Avenue, and Pettit Street.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|--|--|
| <input type="checkbox"/> Water conservation/recharge (____ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (____ acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (____ miles) |
| <input type="checkbox"/> Urban water quality improvement (____ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (<u>71</u> parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (____ acres) |
| <input type="checkbox"/> New parkland (____ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				\$ 3,494,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City	FEMA	
CEQA/Regulatory Permits	\$104,000			\$ 104,000.00
Construction	\$2,860,000			\$ 2,860,000.00
Design	\$80,000		400,000	\$ 480,000.00
Mitigation	\$5,000			\$ 5,000.00
Monitoring	\$5,000			\$ 5,000.00
R/W Acquisition	\$40,000			\$ 40,000.00
Total Funds Requested from District				\$ 3,094,000.00
Remaining Cost to be Funded by Others				\$ 400,000.00

5. Contact information for this project request:

Name: Quang Nguyen E-Mail: quangn@moval.org
 Title: Senior Engineer, P.E. Phone: (951) 413-3159

To submit please email form and attachments to RCFC-CIP@rivco.org

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Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Moreno MDP Cactus Detention Basin

Priority (Public Agency Use Only): Rank No. 5 of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Proposed detention basin between Cactus Avenue and Brodiaea

Approximate Length/Extent 21.7 Acres NEC of Redlands Boulevard and Cactus Avenue

Briefly describe the primary reason for the request as well as the project's physical attributes if known(such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

Proposed detention basin is located between Cactus Avenue and Brodiaea Avenue, NWC of Redlands Boulevard and Cactus Avenue. It is proposed as part of the Riverside County Flood Control and Water Conservation District's Moreno Master Drainage Plan (MDP) Revision.

The basin intercepts inflow from Lines F2, Line F and laterals along Redlands Blvd. Total inflow is 3020 cfs and out flow is 2115 cfs.

The proposed basin's storage capacity is 100 ac. ft.

Approximate Right of Way acquisition for the proposed basin is 21.7 AC



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|--|---|
| <input type="checkbox"/> Water conservation/recharge (____ ac-ft/yr) | <input checked="" type="checkbox"/> Reduce FEMA floodplain (<u>25</u> acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (____ miles) |
| <input type="checkbox"/> Urban water quality improvement (____ offsite acres treated) | <input checked="" type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (<u>65</u> parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (____ acres) |
| <input type="checkbox"/> New parkland (____ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				\$ 9,425,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	\$75,000			\$ 75,000.00
Construction	\$5,500,000			\$ 5,500,000.00
Design	\$400,000			\$ 400,000.00
Mitigation	\$100,000			\$ 100,000.00
Monitoring	\$50,000			\$ 50,000.00
R/W Acquisition	\$3,300,000			\$ 3,300,000.00
Total Funds Requested from District				\$ 9,425,000.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

To submit please email form and attachments to RCFC-CIP@rivco.org

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Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Moreno MDP Line K From Ironwood Avenue to Reche Canyon Debris Basin

Priority (Public Agency Use Only): Rank No. 6 of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Kalmia Avenue and Locust Avenue

Approximate Length/Extent 5700 ft.

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

This is a 2-phase project. Phase 1 is from Ironwood Ave. to Kalmia Ave. Phase 1 will provide an open channel approx. 1750 ft. long from Ironwood on a diagonal alignment to Moreno Beach. Channel data per MDP is: bottom b=25', depth d=6', side slopes ss=2:1. From Moreno Beach north, within Moreno Beach, a reinforced concrete box (RCB) 9.5' wide by 7' high is proposed, extending to Kalmia. Phase 1 estimated cost = \$6,700,000. Phase 2 is from Kalmia Ave. to Locust Ave, then west in Locust/Reche Canyon to proposed basin. From Kalmia to Locust, the RCB extends 1200 ft. At Locust, a proposed open channel extends west (b=10, d=7, ss=1.5:1) 1700 feet to a proposed Reche Canyon Debris Basin (not a part). Phase 2 estimated cost = \$4,250,000.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input checked="" type="checkbox"/> Reduce FEMA floodplain (<u>25</u> acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input checked="" type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (<u>38</u> parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				\$ 10,950,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	\$200,000			\$ 200,000.00
Construction	\$8,140,000			\$ 8,140,000.00
Design	\$1,610,000			\$ 1,610,000.00
Mitigation	\$100,000			\$ 100,000.00
Monitoring	\$100,000			\$ 100,000.00
R/W Acquisition	\$800,000			\$ 800,000.00
Total Funds Requested from District				\$ 10,950,000.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

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Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Sunnymead MDP - Line A-1

Priority (Public Agency Use Only): Rank No. 7 of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Line A-1 -Along Perris Boulevard from Suburban Lane to PVSD Lateral A

Approximate Length/Extent 1270 LF

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

This project is Line A-1 in Sunnymead MDP along Perris Boulevard from Suburban Lane to PVSD Lateral A. The existing drainage system is under sized and can not provide ultimate capacity to protect land from flooding.

Proposed 1,270 LF 36" RCP to replace existing 18" CMP drainage system.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (___ acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (<u>10</u> parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	TOTAL COST OF PROJECT			\$ 725,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	\$25,000			\$ 25,000.00
Construction	\$475,000			\$ 475,000.00
Design	\$200,000			\$ 200,000.00
Mitigation	\$15,000			\$ 15,000.00
Monitoring	\$10,000			\$ 10,000.00
R/W Acquisition				
Total Funds Requested from District				\$ 725,000.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

To submit please email form and attachments to RCFC-CIP@rivco.org

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Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation West End Area Drainage Plan Line GG

Priority (Public Agency Use Only): Rank No. 8 of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) West of Old Highway 215 eastly to its terminus

Approximate Length/Extent 1,600 LF

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

This project will design and construct storm drain line GG in Sherman Avenue from Old 215 Frontage Rd to Day St in the West End Area Master Drainage Plan.
Proposed improvement includes 1,600 LF of 36" RCP and storm drain inlets.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (___ acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (8 parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	TOTAL COST OF PROJECT			\$ 1,579,600.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	\$60,800			\$ 60,800.00
Construction	\$1,215,000			\$ 1,215,000.00
Design	\$303,800			\$ 303,800.00
Mitigation	\$0			
Monitoring	\$0			
R/W Acquisition		\$0		
Total Funds Requested from District				\$ 1,579,600.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

To submit please email form and attachments to RCFC-CIP@rivco.org

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Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Sunnymead MDP Line M-11 Extension (Flaming Arrow Drive Storm Drain)

Priority (Public Agency Use Only): Rank No. _____ of _____

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) _____

Approximate Length/Extent _____

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

***If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.**



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|--|--|
| <input type="checkbox"/> Water conservation/recharge (____ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (____ acres) |
| <input type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (____ miles) |
| <input type="checkbox"/> Urban water quality improvement (____ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input type="checkbox"/> Reduce community flooding (____ parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (____ acres) |
| <input type="checkbox"/> New parkland (____ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	TOTAL COST OF PROJECT			\$ 908,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits		\$176,000		\$ 176,000.00
Construction	\$355,510	\$314,490		\$ 670,000.00
Design		\$30,000		\$ 30,000.00
Mitigation				
Monitoring		\$15,000		\$ 15,000.00
R/W Acquisition		\$17,000		\$ 17,000.00
Total Funds Requested from District				\$ 355,510.00
Remaining Cost to be Funded by Others				\$ 552,490.00

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

To submit please email form and attachments to RCFC-CIP@rivco.org

For Office Use Only



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Moreno MDP Line K-1 Stage 2 From Line K to Pettit Street

Priority (Public Agency Use Only): Rank No. of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Ironwood Avenue and Moreno Beach Drive

Approximate Length/Extent 1600 ft.

Briefly describe the primary reason for the request as well as the project's physical attributes if known(such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

Project status has changed. there is no change in funding:

Project Description: The project will pick up 100-year flows from Stage 1 in Juniper and Pettit Streets via a pickup point on Ironwood Ave. west of Pettit St. then convey them west in a proposed pipe/RCB system in Ironwood Avenue from west of Pettit across the Moreno Beach Dr. intersection and to where Moreno MDP Line K crosses Ironwood Ave. (between Moreno Beach and Oliver). Project will reduce local and freeway flooding by conveying flows toward Nason Basin.

Project Status and Funding: FEMA is nearing completion of approving an HMGP grant for 75% of the project cost. The District committed to provide \$2,500,000 for the project. If HMGP funds are granted to the City, the City will reimburse the District. The City and District recently completed the First Amendment to Cooperative Agreement. The plans, specifications, estimate, and right-of-way documents have been updated and are going through the review process with City and District. Project is planned to be constructed with the SR-60/Moreno Beach interchange as a condition of its completion. Advertisement is anticipated to be in winter 2020/2021.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- Water conservation/recharge (___ ac-ft/yr)
- Reduce street flooding
- Urban water quality improvement (___ offsite acres treated)
- Reduce community flooding (6 parcels)
- New parkland (___ acres)
- Reduce FEMA floodplain (11 acres)
- New trails (___ miles)
- Control debris/sediment
- Onsite stream/habitat restoration (___ acres)
- Other partners/grants _____

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				Cost Breakdown (if available)
	Cost Share (% or \$)			
	District	City	Pending HMGP	
CEQA/Regulatory Permits				
Construction	\$2,500,000			
Design				
Mitigation				
Monitoring				
R/W Acquisition				
Total Funds Requested from District				
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

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Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Sunnymead MDP Line B-16A

Priority (Public Agency Use Only): Rank No. _____ of _____

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) _____

Approximate Length/Extent _____

Briefly describe the primary reason for the request as well as the project's physical attributes if known(such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

**If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.*



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (___ acres) |
| <input type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input type="checkbox"/> Reduce community flooding (___ parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	TOTAL COST OF PROJECT			\$ 1,930,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	\$60,000			\$ 60,000.00
Construction	\$1,530,000			\$ 1,530,000.00
Design	\$260,000			\$ 260,000.00
Mitigation	TBD			
Monitoring	TBD			
R/W Acquisition	\$80,000			\$ 80,000.00
Total Funds Requested from District				\$ 1,930,000.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

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Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Sunnymead MDP Line F and F-7

Priority (Public Agency Use Only): Rank No. of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) _____

Approximate Length/Extent _____

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

**If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.*



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|--|--|
| <input type="checkbox"/> Water conservation/recharge (____ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (____ acres) |
| <input type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (____ miles) |
| <input type="checkbox"/> Urban water quality improvement (____ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input type="checkbox"/> Reduce community flooding (____ parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (____ acres) |
| <input type="checkbox"/> New parkland (____ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				\$ 8,450,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City	FEMA	
CEQA/Regulatory Permits	\$150,000			\$ 150,000.00
Construction	\$3,675,000		\$2,325,000	\$ 6,000,000.00
Design	\$300,000		\$300,000	\$ 600,000.00
Mitigation	\$150,000			\$ 150,000.00
Monitoring	\$50,000			\$ 50,000.00
R/W Acquisition	\$1,500,000			\$ 1,500,000.00
Total Funds Requested from District				\$ 5,825,000.00
Remaining Cost to be Funded by Others				\$ 2,625,000.00

5. Contact information for this project request:

Name: Quang Nguyen E-Mail: quangn@moval.org
 Title: Senior Engineer, P.E. Phone: (951) 413-3159

To submit please email form and attachments to RCFC-CIP@rivco.org

For Office Use Only



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Moreno MDP Line F-18 and F-19

Priority (Public Agency Use Only): Rank No. of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) _____

Approximate Length/Extent _____

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

**If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.*



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (___ acres) |
| <input type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input type="checkbox"/> Reduce community flooding (___ parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?

*If multiple are selected, please explain in section 2. Project Description

District	City	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL COST OF PROJECT				\$ 2,000,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	\$20,000			\$ 20,000.00
Construction	\$1,650,000			\$ 1,650,000.00
Design	\$250,000			\$ 250,000.00
Mitigation	\$5,000			\$ 5,000.00
Monitoring	\$5,000			\$ 5,000.00
R/W Acquisition	\$70,000			\$ 70,000.00
Total Funds Requested from District				\$ 2,000,000.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Quang Nguyen E-Mail: quangn@moval.org

Title: Senior Engineer, P.E. Phone: (951) 413-3159

To submit please email form and attachments to RCFC-CIP@rivco.org

For Office Use Only

HOLLAND CHANNEL (SOUTHSHORE ROAD TO LA VENTANA ROAD)

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
SOUTHSHORE RCB CULVERT (7 CELL 14' x 7.5' RCB)	CY	1024.6	\$720.00	\$737,712.00
SOUTHSHORE WINGWALL	CY	80	\$600.00	\$48,000.00
SOUTHSHORE TO BRIGGS HOLLAND EARTHEN CHANNEL EXCAVATION (B=100', D=8', Z=4)	CY	5550	\$6.60	\$36,630.00
SOUTHSHORE TO BRIGGS HOLLAND EARTHEN CHANNEL BACKFILL (B=100', D=8', Z=4)	CY	94550	\$3.25	\$307,287.50
SOUTHSHORE TO BRIGGS HOLLAND EARTHEN CHANNEL EASEMENT	ACRE	13.9	\$42,000.00	\$583,800.00
BRIGGS RD WARPED WINGWALL	CY	1000	\$380.00	\$380,000.00
BRIGGS RD RCB CULVERT (5 CELL 14' x 8.5' RCB)	CY	4700	\$720.00	\$3,384,000.00
BRIGGS RD WARPED WINGWALL	CY	1000	\$380.00	\$380,000.00
BRIGGS TO LA VENTANA HOLLAND EARTHEN CHANNEL EXCAVATION (B=100', D=9', Z=4)	CY	75800	\$6.60	\$500,280.00
BRIGGS TO LA VENTANA HOLLAND EARTHEN CHANNEL BACKFILL (B=100', D=9', Z=4)	CY	17765	\$7.00	\$124,355.00
BRIGGS TO LA VENTANA HOLLAND EARTHEN CHANNEL RIGHT-OF-WAY	ACRES	14.82	\$75,000.00	\$1,111,500.00
CLASS II BASE FOR ACCESS ROAD	SF	173500	\$0.40	\$69,400.00
FENCING	LF	12300	\$21.30	\$261,990.00
RELOCATE GAS LINES	LS	1	\$2,000,000.00	\$2,000,000.00
			SUBTOTAL	\$9,924,954.50
			22% LUMP SUM	\$2,183,489.99
			12% CONTINGENCY	\$1,190,994.54
			25% ENG. & ADMIN	\$2,481,238.63
			TOTAL COST	\$15,780,677.66

HOLLAND CHANNEL (LA VENTANA ROAD TO LEON ROAD)

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
LA VENTANA TO LEON HOLLAND EARTHEN CHANNEL EXCAVATION (B=81'-100', D 7.5-9', Z=4)	CY	59050.0	\$6.60	\$389,730.00
LA VENTANA TO LEON HOLLAND EARTHEN CHANNEL BACKFILL (B=81'- 100', D 7.5-9', Z=4)	CY	3950	\$7.00	\$27,650.00
LA VENTANA TO LEON HOLLAND EARTHEN CHANNEL RIGHT-OF-WAY	ACRES	10.4	\$75,000.00	\$780,000.00
LEON ROAD RCB CULVERT (2 CELL 14' X 7' RCB) LINE B	CY	1480.0	\$720.00	\$1,065,600.00
LEON ROAD RCB CULVERT (2 CELL 14' X 7' RCB) LINE A	CY	990.0	\$720.00	\$712,800.00
LEON ROAD WARPED WINGWALL LINE A AND LINE B DOWNSTREAM	CY	400	\$380.00	\$152,000.00
LEON ROAD WARPED WINGWALL LINE A AND LINE B UPSTREAM	CY	600	\$380.00	\$228,000.00
CLASS II BASE FOR ACCESS ROAD	SF	72750	\$0.40	\$29,100.00
FENCING	LF	5410	\$21.30	\$115,233.00
			SUBTOTAL	\$3,500,113.00
			22% LUMP SUM	\$770,024.86
			12% CONTINGENCY	\$420,013.56
			25% ENG. & ADMIN	\$875,028.25
			TOTAL COST	\$5,565,179.67

LINE A CHANNEL

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
LINE A EARTHEN CHANNEL EXCAVATION (B=50', D = 7', Z=4)	CY	67000.0	\$6.60	\$442,200.00
LINE A EARTHEN CHANNEL BACKFILL (B=50', D=7', Z=4)	CY	67000	\$7.00	\$469,000.00
LINE A EARTHEN CHANNEL RIGHT-OF-WAY	ACRES	10.4	\$75,000.00	\$780,000.00
EUCALYPTUS ROAD RCB CULVERT (2 CELL 14' X 7' RCB)	CY	300.0	\$720.00	\$216,000.00
EUCALYTPUS ROAD WARPED WINGWALL	CY	150	\$380.00	\$57,000.00
CLASS II BASE FOR ACCESS ROAD	SF	96000	\$0.40	\$38,400.00
FENCING	LF	6400	\$21.30	\$136,320.00
			SUBTOTAL	\$2,138,920.00
			22% LUMP SUM	\$470,562.40
			12% CONTINGENCY	\$256,670.40
			25% ENG. & ADMIN	\$534,730.00
			TOTAL COST	\$3,400,882.80

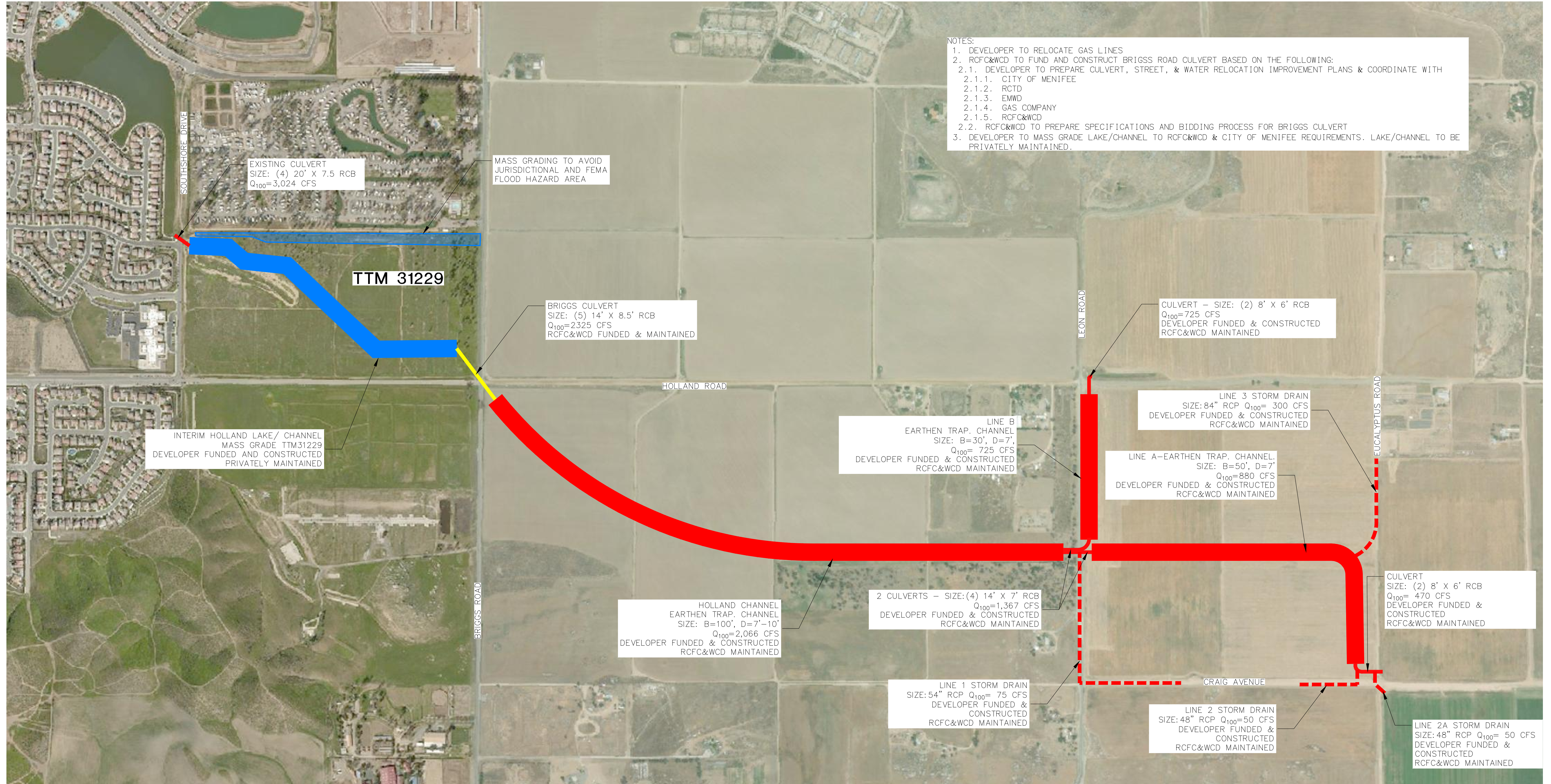
LINE B CHANNEL

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
LINE B EARTHEN CHANNEL EXCAVATION (B=30, D = 7', Z=4)	CY	18900.0	\$6.60	\$124,740.00
LA VENTANA TO LEON HOLLAND EARTHEN CHANNEL BACKFILL (B=30', D=7', Z=4)	CY	18900	\$7.00	\$132,300.00
LINE B EARTHEN CHANNEL RIGHT-OF-WAY	ACRES	3.3	\$75,000.00	\$243,750.00
HOLLAND ROAD RCB CULVERT (2 CELL 14' X 7' RCB)	CY	300.0	\$720.00	\$216,000.00
HOLLAND ROAD WARPED WINGWALL	CY	150	\$380.00	\$57,000.00
CLASS II BASE FOR ACCESS ROAD	SF	27600	\$0.40	\$11,040.00
FENCING	LF	2290	\$21.30	\$48,777.00
			SUBTOTAL	\$833,607.00
			22% LUMP SUM	\$183,393.54
			12% CONTINGENCY	\$100,032.84
			25% ENG. & ADMIN	\$208,401.75
			TOTAL COST	\$1,325,435.13

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

MENIFEE VALLEY DRAINAGE INFRASTRUCTURE PLAN



NOTES:
 1. DEVELOPER TO RELOCATE GAS LINES
 2. RCFC&WCD TO FUND AND CONSTRUCT BRIGGS ROAD CULVERT BASED ON THE FOLLOWING:
 2.1. DEVELOPER TO PREPARE CULVERT, STREET, & WATER RELOCATION IMPROVEMENT PLANS & COORDINATE WITH
 2.1.1. CITY OF MENIFEE
 2.1.2. RCTD
 2.1.3. EMWD
 2.1.4. GAS COMPANY
 2.1.5. RCFC&WCD
 2.2. RCFC&WCD TO PREPARE SPECIFICATIONS AND BIDDING PROCESS FOR BRIGGS CULVERT
 3. DEVELOPER TO MASS GRADE LAKE/CHANNEL TO RCFC&WCD & CITY OF MENIFEE REQUIREMENTS. LAKE/CHANNEL TO BE PRIVATELY MAINTAINED.

EXISTING CULVERT
 SIZE: (4) 20' X 7.5' RCB
 $Q_{100}=3,024$ CFS

MASS GRADING TO AVOID
 JURISDICTIONAL AND FEMA
 FLOOD HAZARD AREA

TTM 31229

BRIGGS CULVERT
 SIZE: (5) 14' X 8.5' RCB
 $Q_{100}=2,325$ CFS
 RCFC&WCD FUNDED & MAINTAINED

INTERIM HOLLAND LAKE/ CHANNEL
 MASS GRADE TTM31229
 DEVELOPER FUNDED AND CONSTRUCTED
 PRIVATELY MAINTAINED

LINE B
 EARTHEN TRAP. CHANNEL
 SIZE: B=30', D=7',
 $Q_{100}=725$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

CULVERT - SIZE: (2) 8' X 6' RCB
 $Q_{100}=725$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

LINE 3 STORM DRAIN
 SIZE: 84" RCP $Q_{100}=300$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

LINE A-EARTHEN TRAP. CHANNEL.
 SIZE: B=50', D=7'
 $Q_{100}=880$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

HOLLAND CHANNEL
 EARTHEN TRAP. CHANNEL
 SIZE: B=100', D=7'-10'
 $Q_{100}=2,066$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

2 CULVERTS - SIZE: (4) 14' X 7' RCB
 $Q_{100}=1,367$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

CULVERT
 SIZE: (2) 8' X 6' RCB
 $Q_{100}=470$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

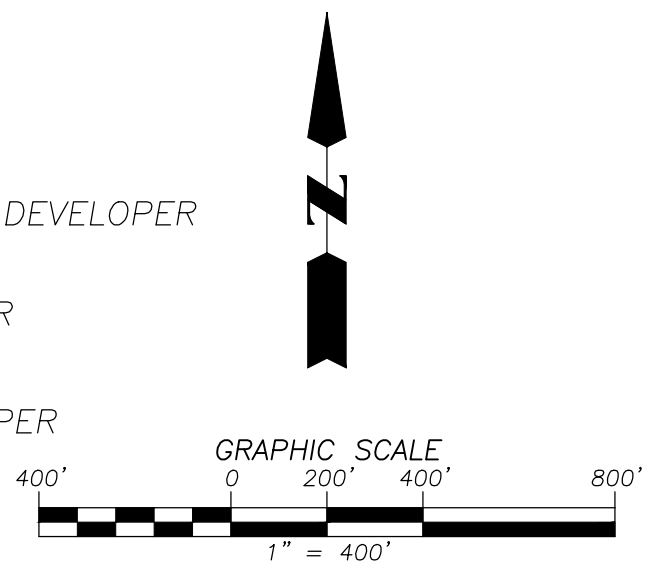
LINE 1 STORM DRAIN
 SIZE: 54" RCP $Q_{100}=75$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

LINE 2 STORM DRAIN
 SIZE: 48" RCP $Q_{100}=50$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

LINE 2A STORM DRAIN
 SIZE: 48" RCP $Q_{100}=50$ CFS
 DEVELOPER FUNDED & CONSTRUCTED
 RCFC&WCD MAINTAINED

LEGEND:

- CULVERT SYSTEMS FUNDED & MAINTAINED BY RCFC&WCD
- MASS GRADED LAKE/CHANNEL PRIVATELY MAINTAINED/FUNDED BY DEVELOPER
- CULVERT SYSTEMS RCFC&WCD MAINTAINED/FUNDED BY DEVELOPER
- CHANNEL SYSTEM MAINTAINED BY RCFC&WCD/FUNDED BY DEVELOPER
- STORM DRAIN SYSTEMS MAINTAINED BY RCFC&WCD /FUNDED BY DEVELOPER



JLC Engineering & Consulting, Inc.
 41660 IVY STREET, SUITE A
 MURRIETA, CA 92562
 PH. 951.304.9552 FAX 951.304.3568

EXHIBIT 1
MENIFEE VALLEY
ULTIMATE FLOOD CONTROL
DRAINAGE SYSTEM

BRIGGS ROAD AND HOLLAND ROAD INTERSECTION RECONSTRUCTION

STREET IMPROVEMENTS					
ITEM	IMPROVEMENT	QTY	UNIT	\$/UNIT	TOTAL
1	6" CURB AND GUTTER	150	LF	\$ 10.00	\$ 1,500.00
2	6" AC DIKE	582	LF	\$ 8.00	\$ 4,656.00
3	AC PAVEMENT	27,200	SF	\$ 10.00	\$ 272,000.00
4	SIDEWALK	825	SF	\$ 6.00	\$ 4,950.00
5	GRADING	2,519	CY	\$ 20.00	\$ 50,370.37
6	STREET LIGHT	2	EA	\$ 5,000.00	\$ 10,000.00
7	HANDICAP RAMP	2	EA	\$ 1,500.00	\$ 3,000.00
8	REMOVE C/G	150	LF	\$ 18.00	\$ 2,700.00
9	REMOVE AC PAVEMENT	5,200	SY	\$ 0.60	\$ 3,120.00
10	RELOCATE APPURTENANCES	5	EA	\$ 3,500.00	\$ 17,500.00
11	ADJUST CATCH BASIN	2	EA	\$ 4,500.00	\$ 9,000.00
					<u>\$ 378,796.37</u>
WATER/RECYCLED IMPROVEMENTS					
ITEM	IMPROVEMENT	QTY	UNIT	\$/UNIT	TOTAL
1	RELOCATE 36" DOMESTIC	500	LF	\$ 51.00	\$ 25,500.00
2	RELOCATE 12" DOMESTIC	250	LF	\$ 31.00	\$ 7,750.00
3	RELOCATE 8" RECYCLED	250	LF	\$ 21.00	\$ 5,250.00
4	RELOCATE 12" RECYCLED	150	LF	\$ 31.00	\$ 4,650.00
5	RELOCATE 36"/42" SD	200	LF	\$ 40.00	\$ 8,000.00
					<u>\$ 279,542.67</u>
TOTAL COST					\$ 658,339.04



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By _____

Project Name/Designation _____

Priority (Public Agency Use Only): Rank No. _____ of _____

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed [HERE](#)
**If Project Type A, please skip to section 4. Funding*
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed [HERE](#)
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) _____

Approximate Length/Extent _____

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

**If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.*



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|--|--|
| <input type="checkbox"/> Water conservation/recharge (____ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (____ acres) |
| <input type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (____ miles) |
| <input type="checkbox"/> Urban water quality improvement (____ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input type="checkbox"/> Reduce community flooding (____ parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (____ acres) |
| <input type="checkbox"/> New parkland (____ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?

**If multiple are selected, please explain in section 2. Project Description*

District	City	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.	TOTAL COST OF PROJECT			Cost Breakdown (if available)
	Cost Share (% or \$)			
	District	City		
	CEQA/Regulatory Permits			
	Construction			
	Design			
	Mitigation			
	Monitoring			
	R/W Acquisition			
	Total Funds Requested from District			
	Remaining Cost to be Funded by Others			

5. Contact information for this project request:

Name: _____ E-Mail: _____
 Title: _____ Phone: _____

To submit please email form and attachments to RCFC-CIP@rivco.org



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

Requested By City of Moreno Valley

Project Name/Designation Sunnymead MDP - Line A-1

Priority (Public Agency Use Only): Rank No. 7 of

1. Project Type

- A. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE NOT changed from the project descriptions listed HERE
*If Project Type A, please skip to section 4. Funding
- B. Previously requested project that WAS FUNDED in the current CIP and the project scope/amount HAVE changed from the project descriptions listed HERE
- C. Previously requested project that WAS NOT FUNDED in the CIP
- D. New project that was not previously requested

2. Project Description

Project Location (cross streets or address) Line A-1 -Along Perris Boulevard from Suburban Lane to PVSD Lateral A

Approximate Length/Extent 1270 LF

Briefly describe the primary reason for the request as well as the project's physical attributes if known (such as objective/goal, type/size, design size of storm, floodplain involved, etc.).

Attach an exhibit with the proposed project location/alignment and any additional relevant information.

*If Project Type B, specify what aspect of the scope has changed and detail the changes in the attached exhibit.

This project is Line A-1 in Sunnymead MDP along Perris Boulevard from Suburban Lane to PVSD Lateral A. The existing drainage system is under sized and can not provide ultimate capacity to protect land from flooding.

Proposed 1,270 LF 36" RCP to replace existing 18" CMP drainage system.



Capital Improvement Project Request Form

For budget beginning Fiscal Year 2021-2022

3. Multi-Benefit Checklist

- | | |
|---|---|
| <input type="checkbox"/> Water conservation/recharge (___ ac-ft/yr) | <input type="checkbox"/> Reduce FEMA floodplain (___ acres) |
| <input checked="" type="checkbox"/> Reduce street flooding | <input type="checkbox"/> New trails (___ miles) |
| <input type="checkbox"/> Urban water quality improvement (___ offsite acres treated) | <input type="checkbox"/> Control debris/sediment |
| <input checked="" type="checkbox"/> Reduce community flooding (<u>10</u> parcels) | <input type="checkbox"/> Onsite stream/habitat restoration (___ acres) |
| <input type="checkbox"/> New parkland (___ acres) | <input type="checkbox"/> Other partners/grants _____ |

4. Funding

- Who will be the lead agency responsible for pursuing the project (including Design, CEQA, Right of Way Acquisition, Regulatory, Permits, Mitigation, Monitoring, Construction, etc)?
- Who will be the lead agency responsible for operations and maintenance (O&M)?
*If multiple are selected, please explain in section 2. Project Description

District	City	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	TOTAL COST OF PROJECT			\$ 725,000.00
	Cost Share (% or \$)			Cost Breakdown (if available)
	District	City		
CEQA/Regulatory Permits	\$25,000			\$ 25,000.00
Construction	\$475,000			\$ 475,000.00
Design	\$200,000			\$ 200,000.00
Mitigation	\$15,000			\$ 15,000.00
Monitoring	\$10,000			\$ 10,000.00
R/W Acquisition				
Total Funds Requested from District				\$ 725,000.00
Remaining Cost to be Funded by Others				

5. Contact information for this project request:

Name: Henry Ngo E-Mail: henryn@moval.org
 Title: Capital Projects Division Manager Phone: (951) 413-3106

To submit please email form and attachments to RCFC-CIP@rivco.org

For Office Use Only