

CITY OF MORENO VALLEY
DEPARTMENT OF PUBLIC WORKS – CAPITAL PROJECTS DIVISION
PROJECT LIST as of April 2018 (updated quarterly)

If you have any questions or issues pertaining to these projects, please call the Capital Projects Division main line at (951) 413-3130 or email at Feedback-CapProj@moval.org

Proj ID No.	Project Title/Location(s)	Approximate Construction Dates	Project Manager
1	Hubbard Street Storm Drain	Sep-17 – Apr-18	Quang Nguyen
<p>This project involves the design and construction of the Sunnymead Master Drainage Plan Lateral H1-A, in Hubbard Street. The proposed storm drain will begin at the intersection of Hubbard Street and Kalmia Avenue then go south and will connect to an existing storm drain in Ironwood Avenue. The project will provide flood protection up to the 100-year storm event for the area. Utility coordination includes EMWD, SCE, the So Cal Gas Company, Spectrum, and Frontier Communication. A power pole on Hubbard Street has been relocated by SCE; however Spectrum and Frontier will need to relocate their lines. CIP sheet D-7.</p>			
2	Heacock Street / Iris Avenue to Gentian Avenue	Completed	Henry Ngo
<p>The overall goal of the project is to realign and widen Heacock Street from two (2) to four (4) lanes. The City in conjunction with its partners at the Riverside County Flood Control District and March Joint Powers Agency, has been working on realigning a part of Heacock Street between Gentian Avenue and 1,300 feet south thereof as part of the Heacock Channel improvement project. Project was advertised for construction in December 2016. Construction is complete. CIP sheet S-21.</p>			
3	Alessandro Boulevard / Elsworth Street Intersection Improvements	Completed	Marge Lazarus
<p>This project will modified an existing traffic signal with improved signal head placement, upgraded vehicle detection, pedestrian countdown timers, and ADA compliant pedestrian push buttons: Modification of the drainage infrastructure through the intersection included the existing cross-gutters being replaced with catch basins connected to an existing storm drain system. The improvements enhanced the street profile along Elsworth Street by removing the “dips” through the intersection and reconstructing the pedestrian access ramps to be ADA compliant. CIP sheet S-7.</p>			
4	Flaming Arrow Drive Storm Drain (Sunnymead MDP Line M-11 Extension)	Dec-18 – Mar-19	Marge Lazarus
<p>This project will install a storm drain system in Flaming Arrow Drive and Sweet Grass Drive, between Saint Christopher Lane and Bay Avenue. The purpose is to convey storm water to the existing Sunnymead Master Drainage Plan (MDP) Line M-11 in Bay Avenue. It is estimated approximately 1200 LF of 24" to 42" diameter pipe will be installed. CIP sheet D-5.</p>			

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5	Heacock Street South Extension	Mar-19 – Dec-19	Marge Lazarus
This project will extend Heacock Street to Harley Knox Boulevard which will reduce traffic on Indian Street and Perris Boulevard, both of which are projected to carry large traffic volumes in the City's Circulation Element. The City is procuring a design consultant. Construction is currently unfunded. CIP sheet S-37.			
6	Indian Street / Cardinal Avenue Bridge (Over Lateral A)	Dec-19 – Aug-20	Marge Lazarus
This project will provide an approximately 150 foot long, bridge on Indian Street over Channel Lateral A (at Cardinal Avenue) and approximately 600 feet of associated roadway improvements on Indian Street. The bridge and roadway improvements will complete the connection of Indian Street north of the channel to south of the channel. The City is procuring a design consultant. Construction is currently unfunded. CIP sheet BR-4.			
7	Juan Bautista De Anza Multi-Use Trail / Iris to El Potrero Park (Cycle 2 ATP Citywide SRTS Ped Fac Improvements)	Dec-18 – Jun-19	Marge Lazarus
The project is an ATP Cycle 2 project consisting of a section of missing concrete pathway and infrastructure improvements along Juan Bautista De Anza Multi-Use Trail. Project infrastructure improvements include concrete pathway, sidewalks, curbs, and ADA compliant pedestrian ramps. Additional right-of-way will be required. Design is underway. CIP sheet S-24.			
8	Guardrail Upgrades	Jul-19 – Nov 19	Quang Nguyen
This project will upgrade guardrails to comply with current standards. Funding is provided by the Highway Safety Improvements Program (HSIP) Cycle 8. The project will improve public safety by improving the performance of the guardrail systems. CIP sheet T-8.			
9	Cycle 6 Pedestrian Enhancements	Completed	Henry Ngo
The City is utilizing CDBG funds to design pedestrian ramp upgrades at 10 intersections citywide. Design was completed in April 2017. Construction started in June 2017 and completed in September 2017. CIP sheet S-15.			
10	Citywide Fiber Optic Communications Expansion	Ongoing	Joe Lara
This project expands fiber optic communications citywide, allowing cost-effective gigabit network communication connectivity between the City Hall Campus, remote City office locations, the Kitching Substation, intersections for traffic management, and the Citywide Camera System. This project will expand the City's fiber communications backbone in such a way that the City eventually completes redundant loops instead of a hub-and-spoke design. CIP sheet U-3.			

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11	Kitching Substation Feeder Line – Modular 12kV	Completed	Clement Jimenez
<p>This project will install a new backbone from Kitching substation along Modular Way to Perris Boulevard south of San Michelle Road. E-14.</p>			
12	Residential Traffic Management Program (Speed Hump Program – Various Locations)	Ongoing	Edward Init
<p>This project consists of installing speed humps, applicable traffic signage, and pavement markings in residential areas. This is an annual on-call construction services contract, with an option to extend annually for up to an additional three (3) years. Wexford Avenue between Bay Meadows Avenue and Strauss Lane is one the street slated for construction, which has full acceptance of the home owners. More streets would be added upon residence interest and acceptance. CIP sheet S-41.</p>			
13	Park Restroom Renovations at Various Sites	Ongoing	Tony Hetherman
<p>Future renovation of park restrooms will include roofing, walls, and fixtures. Renovations are required due to deferred maintenance and changes to Title 24 building codes. CIP sheet B-13.</p>			
14	Box Springs Communications Site Construction of New Tower Site	Completed	Joe Lara / Henry Ngo
<p>In FY 99/00, Technology Services Telecommunications installed six major microwave radio systems that support communications for voice, data, video, and security systems. The current hub is located on leased tower space (American Towers) on Box Springs Mountain and is a major hub supporting eighty-percent of the backbone communications from City Hall to Box Springs, City Yard, Library, MARB Facilities, and the Senior Center. Additional sites will include MVU Substation, Employment Resource Center, and Town Gate Community Center. This site also supports an Amateur Radio repeater that provides backup radio communications for use by licensed Amateur Radio operators who volunteer for the City.</p> <p>The objectives for this project are for the City to secure a long term land lease on private land, and construct a secure site that includes an equipment building, tower, backup generator, and improved security that meets essential public safety service needs. Once completed, the City backbone communications equipment would be relocated to the new facility and would allow the City to expand with future technology needs reducing annual cost increases and restrictions from the current tower owner.</p> <p>In response to increasing lease costs and deteriorating lease facilities, the City is building its own communications tower. The City has secured a long-term lease for land to build its tower and a base station to house the radio equipment. The project has received the necessary CEQA clearances to proceed. Design was completed by TTG in July 2016. The project was advertised in August 2016. The construction contract was awarded in October 2016, and after receiving permits from the County, construction started in June 2017. The project was completed in September 2017. CIP sheet B-3.</p>			

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15	Pigeon Pass Road ITS	Oct-18 – Mar-19	John Kerenyi
<p>This project will retrofit five signalized intersections with Intelligent Transportation Systems (ITS) equipment, including new fiber optic cable, closed circuit television (CCTV) cameras, and new controller cabinets, to allow for remote monitoring and control from the City's Transportation Management Center. The project will replace obsolete traffic control equipment and allow for better monitoring and control of traffic, including special events at the proposed Canyon Springs High School stadium. CIP sheet T-12.</p>			
16	Annual ADA Compliant Curb Ramp Upgrades (Various Locations)	Ongoing	Guy Pegan
<p>The City has an annual program in place to upgrade non-compliant ADA infrastructure within the public rights of way. This project will upgrade non-ADA compliant curb ramps, sidewalks, etc. as well as construct missing curb ramps, sidewalks, etc. throughout the City. The work will be consistent with the City's ADA Public ROW Access ADA Transition Plan. CIP sheet S-33.</p>			
17	Traffic Signal Coordination Program (Various Locations)	Ongoing	John Kerenyi
<p>City staff will update existing traffic signal coordination plans to support deployment of new traffic signal control equipment. Eight arterials are currently synchronized and would be updated as necessary: Frederick Street, Heacock Street, Perris Boulevard, Lasselle Street, Box Springs Road / Ironwood Avenue, Sunnymead Boulevard, Alessandro Boulevard, and Cactus Avenue. The project is ongoing as dictated by traffic pattern changes. No construction work is involved in this project. CIP sheet T-18.</p>			
18	City Hall Solar Carport	Apr-17 – Jul-18	Clement Jimenez
<p>The project consists of solar carports and a battery energy storage unit at the City Hall parking lot. CIP sheet E-4.</p>			
19	Dynamic Traveler Alert Message Boards	Aug-18 – Jan-19	John Kerenyi
<p>This project includes the deployment of three Dynamic Message Signs (DMS) along arterial streets approaching I-215 and SR-60. The DMS would alert motorists of incidents along the freeways and advise an alternate route. CIP sheet T-7.</p>			
20	Cottonwood Basin	Feb-18 – Jun-18	Henry Ngo
<p>RCFC&WCD prepared the design of a debris / sediment basin on the N/S of Cottonwood, east of Nason, along the future alignment of Moreno Master Drain Line H. The drainage easement for the basin has been granted. Construction is tentatively scheduled for February 2018 to May 2018 (weather permitting). The City will maintain the basin. CIP sheet D-3.</p>			

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21	Bike Lane Improvements	Ongoing	John Kerenyi
The Transportation Engineering Division will implement signing and striping improvements to enhance bicycle facility connectivity at various locations citywide. CIP sheet S-12.			
22	Cycle 7 ADA Pedestrian Access Ramps	Jun-18 – Dec-18	Quang Nguyen
The project involves bringing into compliance approximately 60 access ramps located within the City and City's CDBG target areas to meet current ADA requirements and the Momentum Moval Strategic Plan. Construction is anticipated to begin in October 2018, pending funds, and completed by December 2018.			
23	Kitching Substation Feeder Line – San Michele 12kV	Completed	Clement Jimenez
This project will extend a new circuit from Kitching substation, south on Kitching Street to Industrial Building on south side of Globe Street, utilizing a portion of the existng conduit system. This will allow to transfer load from the Globe interconnect to Kitching substation. CIP sheet E-17.			
24	SR-60 / Moreno Beach Drive Interchange (Phase 2)	2020 – 2022	Marge Lazarus
This project will replace the SR-60 / Moreno Beach two-lane bridge with a six through lane Bridge and reconfigure the north side of SR-60 / Moreno Beach Interchange, and associated west bound auxiliary lane. The interchange will have a cloverleaf in the northeast quadrant, and a dedicated southbound Moreno Beach to westbound SR-60 on-ramp. The eastbound ramp terminals constructed in 2013 will be raised slightly to meet the new grade of the bridge. Caltrans also requires a portion of line K-1 upstream of the interchange to be completed before or as part of interchange. The City has received funds to complete design and is the process of procuring a design consultant. Construction is currently unfunded. CIP sheet S-42.			
25	Kitching Substation Feeder Line - Edwin 12kV	Completed	Clement Jimenez
This project will install conduit, cable, switches, and structures on Edwin Road from Kitching substation to Perris Boulevard. CIP sheet E-12.			
26	Kitching Substation Transfer Load – Iris 12kV	Completed	Clement Jimenez
This project will install new cable from Iris Avenue, south on Indian Street, to Krameria Avenue. CIP sheet E-18.			

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27	San Timoteo Foothill Neighborhood Flood Protection - Storm Drain Lines K-1 and K-4	Oct-18 – May-19	Quang Nguyen
<p>This project will install an underground storm drain system starting in Locust Avenue (Bonnie View Av to Carrie Ln), then Carrie Ln (Locust Av to Kalmia Av), then Kalmia Av (Carrie Ln to Pettit St), and Pettit St (Kalmia Av to 780' north of Juniper Av). The proposed storm drain includes various pipe sizes ranging from 24" diameter to 60" diameter. The storm drain system is identified as lines K-1 and K-4 in the Moreno Drainage Master Plan. CIP sheet D-9.</p>			
28	Kitching Substation Feeder Line - Perris 12kV	Completed	Clement Jimenez
<p>This project will allow a third tie between the new Kitching substation and Moreno Valley substation, providing additional capacity, load relief for Moreno Valley substation, and additional reliability. CIP sheet E-15.</p>			
29	Citywide Camera Surveillance System	Ongoing	Steve Hargis
<p>With the cooperation of the Moreno Valley Police Department this ongoing project expands the camera surveillance system throughout the City. The cameras are used to monitor City traffic and as a force multiplier for law enforcement. Cameras are installed in key locations throughout the City. CIP sheet O-3.</p>			
30	Kitching Substation and SCE Facility Upgrades	Completed	Clement Jimenez
<p>This project built a new 115kV substation and supported SCE upgrades to accommodate additional load in the South Industrial Area. The process included the following: land acquisition, SCE Systems Analysis Study, permitting for the substation site, engineering and design, and construction of the substation and SCE upgrades. CIP sheet E-10.</p>			
31	ITS Deployment Phase 1B	Mid-18 – Late-18	John Kerenyi
<p>This project includes the deployment of critical field devices and supporting communications system as a part of the City's Traffic Management System. Improvements include an ethernet fiber-optic backbone system, CCTV cameras at 32 key intersections, and new traffic signal controllers at 45 existing signalized intersections. CIP sheet T-9.</p>			
32	Heacock Street Channel Improvements	Jan-18 – Sep-19	Henry Ngo
<p>This project consists of improvements along Heacock Channel between Cactus Avenue and 3,500 ft. south of Cactus Avenue. The project design is funded through the City of Moreno Valley with construction part of multi-jurisdictional effort between March JPA, RCFC&WCD, MARB, and the City of Moreno Valley, with MJPA being the lead agency. Construction started in September 2017. CIP sheet D-6.</p>			

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33	Kitching Substation Feeder Line – March 12kV	Completed	Clement Jimenez
<p>This project will extend the new backbone circuit from the proposed Kitching substation via Kitching Street, Modular Way, Perris Boulevard, San Michele Road, and Heacock Street. CIP sheet E-13.</p>			
34	Alessandro Boulevard Improvements at Chagall Court and at Graham Street	Jan-18 – Sep-18	Henry Ngo
<p>The intersection of Chagall Court and Alessandro Boulevard is un-signalized and identified with a high rate of collisions. Safety improvements will include connecting two existing raised medians to remove left-turn access. The intersection of Graham Street and Alessandro Boulevard is currently operated with obsolete traffic signal configurations, high rate of collisions due to free right-turn lane, and complicated bicycle and pedestrian access. Proposed safety improvements include: removal of median mounted left-turn indications, closing free right-turn lane, installing advanced dilemma zone detection system, and reconstructing access ramps. The locations were combined into one project due to their proximity so that cost savings can be realized. The project has received a Caltrans Highway Safety Improvement Program (HSIP) Cycle 6 grant for up to 90% of the estimated project cost. The City will match 10% of the estimated project cost. Per the requirements of the HSIP grant, the City is required to use its own funds to implement the project and then receive reimbursement progress payments. Construction is scheduled to start in January 2018. CIP sheet S-9.</p>			
35	Fairway Park (Skate Park Addition)	On Hold	Tony Hetherman
<p>This project will install concrete and fencing for City owned skate ramps at Fairway Park. The project entails minimum grading, concrete slab, and chain link fencing. This project has no offsite impact. Sheet P-7.</p>			
36	Kitching Substation Feeder Line – Perris 12kV (Edwin)	Completed	Clement Jimenez
<p>This project will install new cable for a second circuit from the Kitching Substation to Perris Boulevard via Edwin Road. CIP E-16.</p>			
37	Cycle 1 ATP Citywide SRTS Pedestrian Facility Improvements	Jun-18 – Dec-18	Quang Nguyen
<p>The project is a Safe Routes to School project consisting of five locations on Dracaea Avenue, Eucalyptus Avenue, Ironwood Avenue, Kitching Street, Sandy Glade Avenue, and Elsworth Street. Project infrastructure improvements include sidewalks, curbs, gutters, street lights, ADA compliant pedestrian ramps, drainage improvements, street widening, power pole and traffic signal pole relocations, and radar speed feedback signs. Additional right-of-way will be required at one of the five project locations. CIP sheet S-14.</p>			

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38	Replacement Playground Equipment	Ongoing	Tony Hetherman
The purpose of this project is to replace deteriorating playground equipment at parks throughout the city to comply with Consumer Product Safety Commission (CPSC) regulations. This project has no offsite impact. CIP sheet P-12.			
39	Rancho Verde Park	Ongoing	Tony Hetherman
This project will assist with planning, permits, and legal items regarding Rancho Verde Park, located at the eastern side of Lasselle Street and Cremello Way. CIP sheet P-11.			
40	Electrical System Automation	On Hold	Clement Jimenez
This project will build automation, communication, and protection circuits that serve critical customers in the system. Potential circuits are: Redlands 12kV, Cottonwood 12kV, Heacock 12kV, and Grove View 12kV. This project will provide additional reliability for MVU customers and provide greater flexibility for MVU in the management of the electrical distribution system. CIP sheet E-5			
41	Historic Farmhouse	On Hold	Clement Jimenez
The historic farmhouse is located north of Moreno Valley Substation, on property owned and maintained by Moreno Valley Utility. The Utility is required to stabilize the structure to prevent further deterioration of the building, designated as a historic landmark in 2011. Stabilization of the farmhouse will prevent further erosion and give the City time to determine the permanent long-term use, if any, of the building. CIP sheet E-9.			
42	Mobile Advanced Metering Infrastructure (AMI) System	Jul-17 – Dec-19	Clement Jimenez
This project involves the installation of electric meters with Mobile Advanced Metering Infrastructure (AMI) for all Moreno Valley Utility (MVU) customers over a 30 month period. AMI will expedite the collection of data for billing as well as incentivize customers to better manage their electricity usage.			
43	Moreno Townsite Area Storm Drain and Street Improvements (SIP)	Nov-18 – May-19	Quang Nguyen
The proposed storm drain system will be installed in Redlands Boulevard from Alessandro Boulevard to South of Brodiaea Avenue and connect to existing open channel on the southwest corner of Redlands Boulevard and Brodiaea Avenue. Miscellaneous street improvements are to be constructed to accommodate the new storm drain pipe. Storm drain laterals will be extended east from Redlands Boulevard on Alessandro Boulevard, Kimberly Avenue, Maltby Avenue, Campbell Avenue, and Brodiaea Avenue. CIP sheet S-45.			

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44	Traffic Signal Equipment Upgrades	Ongoing	John Kerenyi
This project will improve audible pedestrian signal equipment with accessible pedestrian signal equipment, replacement of damaged traffic signal wiring, upgrade of older traffic signal cabinets/equipment, installation of countdown pedestrian indications, and installation of emergency vehicle pre-emption system equipment at locations not existing or programmed. CIP sheet T-19.			
45	Cottonwood Recreation Center Exterior Landscaping	On Hold	Tony Hetherman
This project will renovate the Cottonwood Recreation Center Exterior Landscaping to include tubular steel fencing, gates, and landscaping. CIP sheet P-6.			
46	Storm Drain Line H-2 Interim Facility	Oct-18 – Jan-18	Marge Lazarus
This project consists of an interim facility to handle existing high flows that channel through an existing church parking lot located generally at Alessandro Bl and Oliver St. RCFC&WCD will design the project and the City will secure any needed right of way. CIP sheet D-10.			
47	Annual ADA Park Improvements (Various Locations)	Ongoing	Tony Hetherman
This project will upgrade existing non-ADA compliant facilities (restrooms), park/parking lot ramps, and sidewalks throughout City parks. CIP sheet P-15.			
48	Moreno Valley Ranch ITS	Oct-17 – Mar-18	John Kerenyi
A number of arterial, collector, and local streets are prioritized for pavement rehabilitation based on the pavement condition index (PCI) and traffic data, and are subject to availability of funds in the The project will retrofit eleven (11) signalized intersections with Advanced Management Equipment, including new fiber optic plant, CCTV cameras and new controller cabinets, to allow for remote monitoring and control from the City's Transportation Management Center. CIP sheet T-10.			
49	Pavement Rehabilitation Program (Various Locations)	Ongoing	Frank Gonzales
This program is part of the City's Pavement Management System. The purpose of crack sealing is to prevent deterioration of the streets by protecting the street surface from significant water intrusion, thus extending the life of the road. CIP sheet S-39.			

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50	SR-60 / Theodore Street Interchange	2020 - 2022	Marge Lazarus
<p>This project consists of required preliminary engineering and environmental document and preparing Caltrans documentation. The project will upgrade the interchange and replace the bridge to the ultimate configuration. This project is funded for the project approval / environmental document phase. Design and construction are contingent on available funds. CIP sheet S-44.</p>			
51	Pedestrian Hybrid Beacon on Cactus Avenue at Woodland Park	Jun-18 – Sep-18	John Kerenyi
<p>Install a Pedestrian Hybrid Beacon on Cactus Avenue at Woodland Park to accommodate park users crossing Cactus Avenue. Staff is pursuing grant funding for this project. The requested allocation will be returned to fund balance if alternates funding is secured. However, staff recommends project implementation regardless of whether grant funding is successful. CIP sheet T-11.</p>			
52	Sunnymead Master Drainage Plan - Storm Drain Line F and F-7	TBD	Quang Nguyen
<p>The project involves the design and construction of Line F storm drain system in the Sunnymead Drainage Master Plan. Line F includes 1,400 feet of storm drain starting from Hemlock Avenue east of Pigeon Pass Road, going south past SR-60 and Sunnymead Boulevard, to approximately 100 feet south of Sunnymead Boulevard. The storm drain also includes 1,400 feet of storm drain lateral Line F-7 in Hemlock Avenue starting from the intersection of Hemlock Avenue and Graham Street, to be connected to Line F. The City is proceeding with the design at this point. The construction is subject to funding availability. CIP sheet D-11.</p>			
53	Aqueduct Trail (Juan Bautista de Anza Trail) Study	TBD	Henry Ngo
<p>This project is a comprehensive study from the Moreno Valley Mall Area to Lake Perris State Recreation Area. The scope is to develop preliminary plans, perform environmental studies, and present a phasing / funding plan to complete the trail as a Multi-Use system. Studies will be completed by June 2018. Construction depends on funding and phasing priorities. CIP sheet S-10.</p>			
54	Alessandro Bl / Grant St Traffic Signal	Oct-18 – Mar-19	Henry Ngo
<p>The project is to construct a new traffic signal at the intersection of Alessandro Boulevard and Grant Street and associated improvements at four corners to accommodate the traffic signal installation. The improvement will include retaining wall and sidewalk at NEC of Alessandro Boulevard and Grant Street. Design and utility coordination is underway. CIP Sheet T-17.</p>			