**Notice of a Special Joint Meeting of the**
**FINANCE COMMITTEE and/or CITY COUNCIL**
**2:30 p.m. – Monday, May 13, 2019**
**PASADENA CITY HALL - COUNCIL CHAMBERS ROOM S249**

**NOTICE IS HEREBY GIVEN** that a special joint meeting of the Finance Committee and/or City Council will be held **Monday, May 13, 2019** at **2:30 p.m.** in the Council Chambers Room S249, at City of Pasadena City Hall, 100 N. Garfield Ave., Pasadena, California.

A. CALL TO ORDER

B. Approval of Minutes – April 29, 2019 Special Meeting

C. City Manager's Recommended Fiscal Year 2020 Operating Budget and Fiscal Year 2020 - 2024 Capital Improvement Program Budget

Operating Budget Presentations:

- Fire
- Human Services and Recreation
- Planning and Community Development
- Finance
- Human Resources

D. INFORMATION ONLY

1. Capital Improvement Program – Fiscal Year 2019 Third Quarter Monitoring Report

E. ADJOURN SPECIAL MEETING

**NOTE: Public comment is limited to items on this special meeting agenda and limited to three minutes per speaker.**

TERRY TORNEK, Mayor
Chair, Finance Committee

This notice was posted at City Hall and distributed as indicated below by 5:30 p.m. on Thursday, May 9, 2019.

Lori Eubanks, Recording Secretary
Finance Committee

Distribution:

City Council
Star-News
City Clerk
Pasadena Journal
Los Angeles Times
City Attorney
La Opinion
Council Chambers Bulletin Board
City Manager
Pasadena Weekly
Main Library
City Hall Front Kiosk

Special Meeting Minutes
FINANCE COMMITTEE
Monday, April 29, 2019 ▪ 4:00 p.m.
Council Chambers Room S249, Pasadena City Hall

A. CALL TO ORDER: The special meeting of the Finance Committee was called to order at 4:06 p.m.

Attendees:

| **Councilmembers** | **Staff/Guests** | |
|---|---|---|
| Mayor Tornek, Chair | Darryl Dunn | Kris Markarian |
| Victor Gordo | Julie Gutierrez | Steve Mermell |
| John Kennedy | Matthew Hawkesworth | Rich Schammel |
| Margaret McAustin | Lisa Hosey | |

B. PUBLIC COMMENT - None.

1. APPROVAL OF MINUTES
   - April 8, 2019

   The minutes were approved as submitted.

C. NEW BUSINESS

1. Contract Award to International Line Builder's Inc. for Traffic Signal Improvements at Intersections of Lake Avenue and Orange Grove Boulevard, Lincoln Avenue and Mountain/Seco Street, and Lincoln Avenue and Forest Avenue, Federal-Aid Project HSIPL-5064(084), for an Amount Not-to-Exceed $700,000 and Amendment to Fiscal Year 2019 Capital Improvement Program Budget

   Kris Markarian, City Engineer, Public Works Department, stood ready to present this report. There were no questions from the committee members. The report was approved to move forward to the City Council.

D. INFORMATION ONLY

1. Rose Bowl Operating Company (RBOC) At a Glance

   Councilmember Gordo, recognized Rose Bowl board members Michael Clayton, Scott Boone, Doug Kranwinkle, Rich Schammel, and Steve Haderlein as well as Legacy board members Mickey Segal and Ron Okum.

   Rich Schammel, RBOC Treasurer and Chair of the RBOC Finance Committee, presented the RBOC financials.

Darryl Dunn, General Manager, RBOC, discussed future revenue opportunities for the Rose Bowl.

Vice Mayor Kennedy inquired about RBOC Full Time Equivalents (FTEs) and compensations in relation to declining revenues. Mayor Tornek requested that these questions be held until RBOC's budget presentation.

Vice Mayor Kennedy inquired if Legacy was the only funding source for the Rose Bowl. Mr. Dunn responded that third party agreements have also been a source of revenue, but Legacy is the primary source of funding for capital improvements and has successfully raised over $35 million in pledges to date.

Vice Mayor Kennedy confirmed that the $400,000 Legacy staffing costs currently funded by RBOC would be turned over to Legacy in fiscal year 2021, as stated in the RBOC agenda report. Mr. Dunn responded that by fiscal year 2021, the $400,000 in Legacy salaries would no longer be the responsibility of the RBOC's operating fund.

Councilmember McAustin emphasized that Rose Bowl staff needed to redefine the use of the Rose Bowl and find a long-term tenant related to events using the Rose Bowl campus rather than looking to music, football, and golf for future revenues. She added that $1 million could be saved by not having to water the golf course greens. Councilmember McAustin also mentioned that the clubhouse is underappreciated and could be a significant source of revenue if renovated. She requested to see a strategy with regular updates from Rose Bowl staff regarding its short, mid, and long-terms plans.

Councilmember Gordo responded that there is an inability to share ongoing discussions about projects or negotiations because potential business partners do not want this information made public. He asked for guidance from the City attorney on how to discuss these topics without jeopardizing potential business deals for the Rose Bowl.

Mayor Tornek wrapped up the discussion by expressing his confidence in Legacy and Rose Bowl staff in turning around the Rose Bowl's unstable business model and promised a more in-depth discussion during the upcoming Rose Bowl budget presentations.

Councilmember Gordo reminded the councilmembers that RBOC is the only City entity without a consistent revenue stream and added that consideration should be given to sharing Transiency Occupancy Tax (TOT) with RBOC to change the instability of its business model.

E. ADJOURN

With no further business to come before the City Council, the meeting adjourned at 5:30 p.m.

Mayor Tornek Date
Chair, Finance Committee

ATTEST: Lori Eubanks, Date
Recording Secretary

# MEMORANDUM - CITY OF PASADENA
## DEPARTMENT OF PUBLIC WORKS

**DATE:** May 13, 2019

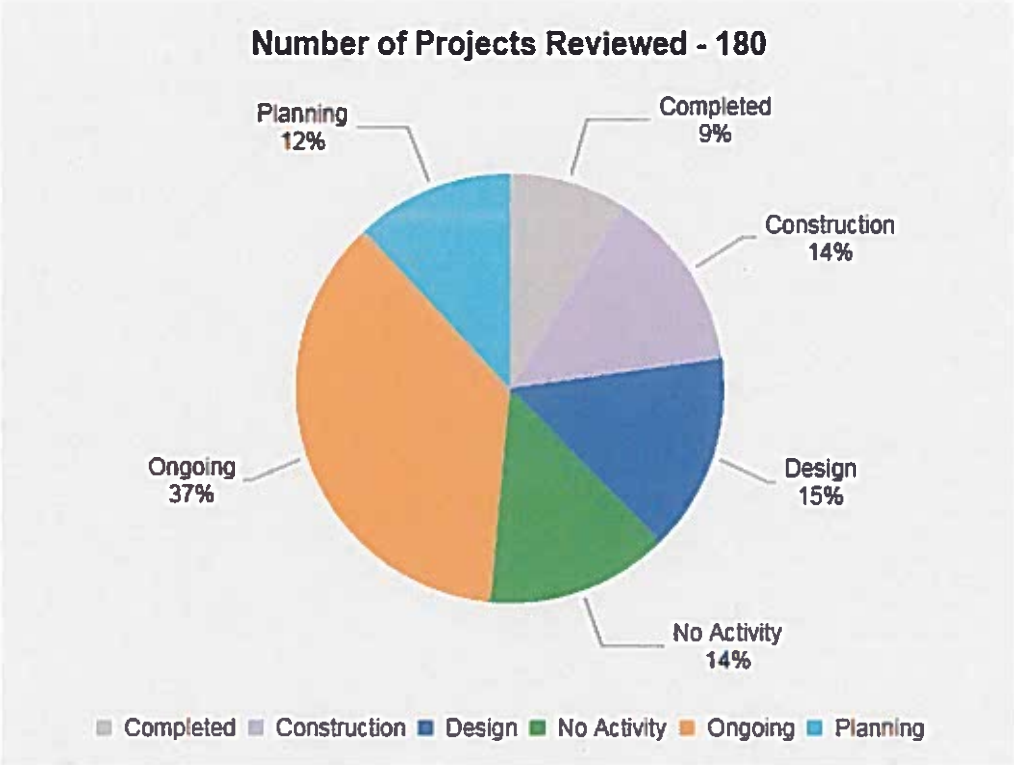
**TO:** Finance Committee

**FROM:** Ara Maloyan, P.E., Director of Public Works

**RE:** Capital Improvement Program – FY 2019 Third Quarter Monitoring Report

---

Attached for the Finance Committee's review is an update of the active Capital Improvement Program (CIP) projects through the March 31, 2019. The Third Quarter Monitoring Report (QMR) includes 180 projects as summarized on the chart below:



In addition to highlighting the project phase and status, the Quarter Monitoring Report also shows the following additional information:

- Percent of Appropriation Spent to Date;
- Target Completion Date; and
- Revised Completion Date.

The color shading is as follows:

- Completed projects – shaded grey;
- Projects delayed due to external factors – shaded green;
- Projects delayed due to internal factors – shaded yellow; and
- Projects over-budget – shaded red.

If you have questions on any projects, please let me know prior to the May 13, 2019 Finance Committee meeting and I will have the appropriate staff available to respond. Thank you.

ProTrak

*City of Pasadena*

# Capital Improvement Program
# FY 2019 Quarter Monitoring Report
# Activity Through March 31, 2019

LEGEND

- Project Completed
- Project Delayed - External Factors
- Project Delayed - Internal Factors
- Project Over Budget

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Municipal Buildings and Facilities** | | | | | | | | | | | | |
| 1 | 71902 | Building Maintenance FY 2016 - 2020 | 6,017,498 | 5,017,498 | 3,526,147 | 70% | 1,000,000 | In FY 2019, work will be completed at City Hall, Community Health Center, and Robinson Park Recreation Center. | Elevator modernization at Community Health Center in progress. First of two elevators completed. Elevator refurbishment anticipated to be completed by fourth quarter.<br><br>Equipment delivered for City Hall uninterruptible power supply (UPS). Project will be completed in third quarter.<br><br>Pool skimmers replaced at Robinson Park Center. | 6/30/2020 | | Ongoing |
| 2 | 71160 | Hale Building Interior Remodel | 2,000,000 | 2,000,000 | 162,872 | 8% | 1,790,000 | Design Phase 1 will be completed in FY 2019 and construction will be completed in first quarter of FY 2020. | Project was advertised for bid on February 7, 2019 and bids were received on March 20, 2019. Contract was awarded April 8, 2019. | 9/30/2019 | | Design |
| 4 | 71909 | Parking Lot Improvements at City Facilities | 7,000,000 | 100,000 | 0 | 0% | 100,000 | Parking lot improvements at Eaton Blanche Park will be completed in FY 2019. | Parking lot improvements at Eaton-Blanche park were completed in January 2019. | 3/31/2019 | | Completed |
| 5 | 71810 | YWCA Building Closure and Protection | 1,000,000 | 500,000 | 174,144 | 35% | 0 | Installation of site security fencing will be completed in FY 2019. The remaining work will be completed when funding is identified. | Project will remain open in FY 2020 to provide ongoing security work and maintenance needs. | N/A | | Ongoing |
| **Streets and Streetscapes** | | | | | | | | | | | | |
| 1 | 73325 | Annual Citywide Street and ADA Improvement Program - FY 2019 | 20,329,000 | 4,329,000 | 169,105 | 4% | 3,190,000 | In FY 2019, design of approximately four miles of resurfacing will be completed and construction will begin. | Contract awarded to Hardy & Harper on April 15, 2019 for the resurfacing of 2.9 miles of street. | 9/30/2019 | | Planning |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 73913 | Annual ADA Sidewalk Improvement Program | 13,587,271 | 5,987,271 | 5,149,833 | 86% | 1,950,000 | This project will continue in FY 2019. This is a continuing program designed to repair identified sidewalks. The number of locations completed each year will vary based on available funding. | Continued construction in third quarter. On track to completion in fourth quarter. | 6/30/2019 | | Ongoing |
| 3 | 73928 | Miscellaneous Concrete Improvement Program | 4,750,000 | 1,104,630 | 85,785 | 8% | 950,000 | Maintenance of concrete curbs, gutters and curb ramps will continue in FY 2019. | Miscellaneous Concrete Improvement Program contract for 2019 was awarded to United GLI. on December 10, 2018 with a not to exceed amount of $581,000 | 6/30/2019 | | Construction |
| 4 | 73324 | Colorado Street Bridge - Suicide Mitigation Enhancements - Design Phase | 400,000 | 400,000 | 297,343 | 74% | | Preparation of the environmental documentation and design phase will begin in FY 2019 and be completed in FY 2020. | Responses to Request For Proposal (RFP) for professional services for environmental documentation and design were received on January 24, 2019. Interviews with proposing consultants were completed on February 21, 2019. Contract award is scheduled for May 20, 2019. | 6/30/2020 | | Planning |
| 5 | 73920 | Resurfacing and Slurry Seal FY 2017 - 2019 | 4,476,293 | 4,476,293 | 2,446,002 | 55% | 3,000,000 | In FY 2019, the pavement management plan and 6 miles of resurfacing will be completed. | Data analysis began in third quarter. Paving of Resurfacing FY 2018 will be completed in fourth quarter. | 3/31/2019 | | Construction |
| 6 | 73921 | Curb and Gutter Improvements Citywide FY 2017 - 2018 | 1,607,240 | 1,607,240 | 1,563,593 | 97% | 300,000 | This project will be completed in FY 2019. | Project completed in first quarter. | N/A | | Completed |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 73929 | Bridge Improvement Program | 250,000 | 50,000 | 18,574 | 37% | 50,000 | Bridge improvements will continue in FY 2019. | LA County is tentatively scheduled to advertise Bridge Preventative Maintenance Program (BPMP) Group 10 bridges in first quarter FY 2020. BPMP Group 10 bridges includes Del Mar Boulevard over Eaton Wash and Columbia Street over MTA Gold Line. BPMP Group 16 bridges are scheduled to be advertised in first quarter FY 2020. BPMP Group 16 bridges include New York Drive over Eaton Wash. Advertisement of projects by LA County has been delayed due to project funding. Groups 10 and 16 will advertise after project phase is funded. | N/A | | Ongoing |
| 8 | 73930 | Guardrail Improvement Program | 425,000 | 85,000 | 4,883 | 6% | 85,000 | Guardrail installation and repair will continue in FY 2019. | Design was approved to begin in third quarter. | 6/30/2019 | | Design |
| 9 | 73323 | Holly Street Bridge - Seismic Retrofit | 9,775,000 | 9,503,000 | 505,954 | 5% | 350,000 | Preparation of environmental documentation and preliminary design will be completed in FY 2019. | Preparation of environmental documentation continued in third quarter FY 2019. Environmental documentation scheduled for completion in first quarter FY 2020. | 6/30/2022 | | Planning |
| 10 | 73924 | Alley Improvements Citywide FY 2018 - 2019 | 300,000 | 300,000 | 184,865 | 62% | 200,000 | Design and construction of improvements to Meneely Alley will be completed in FY 2019. | Project completed in second quarter. | 6/30/2019 | | Completed |

## Street Lighting

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 74413 | In-Fill Street Lighting and Repair and/or Replacement of Existing Street Lighting Systems FY 2016 - 2020 | 555,151 | 455,151 | 295,453 | 65% | 70,000 | This is a continuing program. Projects will be scheduled by City staff as requests are received for enhanced lighting and as street light components in need of repair and/or replacement are identified. | No streetlight installations occurred in third quarter. | 6/30/2020 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 74415 | High Voltage Series Street Light Conversion - Phase I | 3,000,000 | 165,000 | 163,422 | 99% | 10,000 | Construction will begin when funding is identified. | Design completed and anticipated construction in FY 2020 pending funding. | N/A | | No Activity This Quarter |
| 6 | 74416 | Concrete Traffic Signal/Street Lighting Pole Replacement - Phase I | 900,000 | 150,000 | 41,970 | 28% | 170,000 | In FY 2019, design of the first phase will be completed and construction is scheduled to begin. | Design was completed in third quarter. Project is in preconstruction phase with anticipated completion in October 2019. | 7/31/2019 | 10/30/2019 | Construction |
| **Street Lighting and Electric Undergrounding** | | | | | | | | | | | | |
| 1 | 3210 | Electric System Undergrounding Outside Established Undergrounding Districts | 700,000 | 600,000 | 156,526 | 26% | 100,000 | This is an ongoing project which is based on small undergrounding projects that are not part of an established underground district. | In third quarter, no applications were processed for homeowners who opted to complete utility undergrounding at their own expense. No reimbursements have been completed in FY 2019. | 6/30/2025 | | No Activity This Quarter |
| 2 | 3211 | Hill Avenue - Electrical System Undergrounding, Villa Street to North City Limits | 4,525,000 | 4,525,000 | 2,962,978 | 65% | 10,000 | In FY 2019, Pasadena Water and Power will prepare final reports and verify eligibility for closure. | Reviews and final reporting are in progress for project closure. | 6/30/2020 | | Completed |
| 3 | 3212 | Alpine Street - Electrical System Undergrounding, Marengo Avenue to El Molino Avenue | 3,575,000 | 3,575,000 | 1,737,610 | 49% | 580,000 | In FY 2019, Pasadena Water and Power will remove power poles along Alpine utility district and street resurfacing will be completed by Public Works department in FY 2019. | Pole removal was completed in the third quarter. Resurfacing will be completed in fourth quarter. | 6/30/2020 | | Construction |
| **Transportation** | | | | | | | | | | | | |
| **Unspecified** | | | | | | | | | | | | |
| 1 | 75075 | Pasadena Bicycle Program FY 2016 - 2020 | 498,190 | 378,190 | 248,519 | 66% | 100,000 | Implementation of the Bicycle Transportation Plan will continue in FY 2019. | Roseways signage installation underway in third quarter. | 6/30/2020 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 75047 | Pedestrian Safety Enhancements at Signalized Intersections | 455,300 | 455,300 | 246,472 | 54% | 185,000 | Construction will begin when environmental clearance is obtained by Caltrans. | Public Works Staff is coordinating with Caltrans to secure potential additional funding for this project and extend the project schedule. Public Works Staff will present the request to the Highway Safety Improvement Program (HSIP) board in the next quarter, | N/A | | Design |
| 3 | 75083 | Pedestrian Crossing Enhancements Program | 731,500 | 731,500 | 413,799 | 57% | 350,000 | In FY 2019, construction will be completed at the following locations that have been identified for rectangular rapid flashing beacon (RRFB) installation: Orange Grove Boulevard at Manzanita Avenue, Villa Street at Madison Avenue, Orange Grove Boulevard at Sunnyslope Avenue, and Los Robles Avenue at Buckeye Street. In addition, design and construction for RRFB installation at the crosswalk of Del Mar Boulevard and Michigan Avenue will be completed. | Construction is underway for the rectangular rapid flashing beacon (RRFB) at the following locations: Orange Grove Blvd/Manzanita Ave, Villa St/Madison Ave, Orange Grove Blvd/Sunnyslope Ave, and Los Robles Ave/Buckeye St.<br>After further evaluation, including updated traffic and pedestrian counts, the intersection of Del Mar Blvd and Michigan Ave is recommended to get a new traffic signal in lieu of a HAWK signal. As such, additional funding will be required. | 6/30/2020 | | Construction |
| 4 | 75092 | Enhancements to Metro Gold Line Allen Station - Concept Study | 300,000 | 200,000 | 180,199 | 90% | 100,000 | Concept study and community outreach will be completed in FY 2019. | This project was completed in third quarter. | 2/28/2019 | | Completed |
| 5 | 75605 | Arterials Speed Management Program | 767,000 | 492,000 | 469,077 | 95% | 85,000 | In FY 2019, additional arterial speed management strategies will be implemented including the installation of up to four speed feedback signs. | Ten speed feedback signs were installed in FY 2019. The next series of speed feedback sign installations are under design with anticipated construction in FY 2020 pending funding. | 6/30/2019 | | Design |
| 6 | 75076 | Citywide Complete Streets Program FY 2016 - 2020 | 820,974 | 820,974 | 226,330 | 28% | 145,000 | In FY 2019, ongoing work including speed hump investigations, preferential parking program and neighborhood traffic management program will continue. | Completed Mountain Street and N. Fair Oaks Complete Streets Programs in third quarter. | 6/30/2020 | | Completed |
| 7 | 75087 | Complete Streets Project - Union Street Cycle Track - Phase I | 6,512,000 | 3,114,886 | 333,782 | 11% | 0 | Design will continue in FY 2019. | Design and community outreach underway in third quarter. | 12/31/2021 | | Design |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 75052 | Complete Streets Project - Cordova St. from Hill Ave. to Arroyo Pkwy. | 2,726,613 | 2,726,613 | 317,053 | 12% | 300,000 | Design will continue in FY 2019. | Design continued in third quarter. | 12/31/2021 | | Design |
| 9 | 75074 | Complete Streets Project - Lida St. between Knollwood Dr. and Lancashire Pl. | 325,000 | 325,000 | 15,382 | 5% | 290,000 | Construction will be completed in FY 2019. | Construction completed in third quarter. | 3/31/2019 | | Completed |
| 10 | 75077 | Complete Streets Project - Avenue 64 from Colorado Blvd. to South City Limits | 1,871,000 | 71,000 | 18,368 | 26% | 0 | Preliminary design will continue in FY 2019. | Project design is on hold pending final approval from Metro Board for Measure M Multi-year Sub-regional Program funding, anticipated in FY 2020. | 6/30/2020 | | No Activity This Quarter |
| 11 | 75093 | Complete Streets Project - N. Hill Ave. from North City Limit to Villa St. - Concept Study | 300,000 | 100,000 | 18,691 | 19% | 50,000 | Concept design will continue in FY 2019. | Project design is on hold pending final approval from Metro Board for Measure M Multi-year Sub-regional Program funding, anticipated in FY 2020. | 6/30/2019 | | No Activity This Quarter |
| 13 | 75096 | Mid-block Traffic Signal and Crosswalk at 1790 N. Fair Oaks Ave. | 265,000 | 265,000 | 62,255 | 23% | 220,000 | Construction will be completed in FY 2019. | Project in construction with anticipated completion in September 2019. Project was delayed due to long lead time for traffic signal poles. | 6/30/2019 | 9/30/2019 | Construction |
| 14 | 75104 | Traffic Signal Improvements at Colorado Blvd. and Bonnie Ave. | 129,000 | 129,000 | 13,060 | 10% | 129,000 | Design will be completed in FY 2019. | Design was completed in third quarter. | 6/30/2019 | | Design |
| 15 | 75091 | Traffic Signal at Garfield Ave. and Washington Blvd. | 621,000 | 621,000 | 138,559 | 22% | 0 | Construction will begin in FY 2019 | Project in construction with anticipated completion September 2019. Project was delayed to long lead time for traffic signal pole delivery. | 6/30/2019 | 9/30/2019 | Construction |
| 16 | 75098 | Traffic Signal at Fair Oaks Ave. and Bellevue Dr. | 774,000 | 75,000 | 28,105 | 37% | 0 | The design of this project will be completed in FY 2019. | Project under design with construction scheduled in FY 2020 pending funding. | 3/30/2019 | 6/30/2019 | Design |
| 17 | 75099 | Traffic Signal at Orange Grove Blvd. and Sunnyslope Ave. | 481,000 | 65,000 | 14,022 | 22% | 0 | The design of this project will be completed in FY 2019. | Project under design with anticipated completion June 2019. | 6/30/2019 | | Design |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | 75097 | Traffic Signal at Orange Grove Blvd. and Craig Ave. | 500,000 | 60,000 | 9,893 | 16% | | The design of this project will be completed in FY 2019. | Project under design with anticipated completion June 2019. | 6/30/2019 | | Design |
| 22 | 75506 | Gold Line Phase I - Project Enhancements | 5,711,908 | 4,270,800 | 0 | 0% | 1,500,000 | Construction on the Light Rail Train Tracking and Network System will be completed in FY 2019. | Project under construction with anticipated completion June 2019. | 6/30/2019 | | Construction |
| 23 | 75079 | Mobility Corridor Improvements FY 2016 - 2020 | 421,861 | 371,861 | 219,920 | 59% | 150,000 | This project will supplement the Caltrans Connected Corridor Project. Caltrans received a Metro Grant to install various ITS improvements to participating cities in the I-210 Integrated Corridor Management Project. In Pasadena, approximately $1.5M ITS improvements will be installed along the parallel mobility corridors. In FY 2019, the Mobility corridor project will be utilized to cover City staff time in the plan checking and inspection of Caltrans improvements within Pasadena. | City Staff continues to support the I-210 Integrated Corridor Management Project. Caltrans implementation continued in third quarter. | 6/30/2020 | | Ongoing |
| 24 | 75080 | Old Pasadena Traffic Improvement - FY 2016 - 2020 | 150,000 | 120,000 | 16,846 | 14% | 80,000 | Preliminary design for mid-block crosswalks in Old Pasadena will begin in FY 2019. | Task order issued to a consultant to conduct a feasibility study and preliminary engineering for the mid-block crosswalks in Old Pasadena. The feasibility study will be completed in the fourth quarter, and preliminary engineering will be completed in FY 2020. | 6/30/2020 | | Ongoing |
| 25 | 75089 | Transportation System Safety Enhancements Project | 1,275,000 | 834,040 | 186,151 | 22% | 675,000 | In FY 2019, design of enhancements at each intersection will be completed and construction is scheduled to begin. | Design was completed, but project required public meeting and pilot demonstration of proposed improvements before finalizing channelization. Project advertising for construction with anticipated City Council award in fourth quarter. Construction anticipated to begin August 2019 and be completed February 2020. | 8/20/2019 | 2/28/2020 | Design |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26 | 75090 | Left Turn Signal Phasing at Fair Oaks Ave. and Colorado Blvd. | 160,000 | 160,000 | 0 | 0% | 160,000 | Construction will begin when environmental clearance is obtained by Caltrans. | Traffic signal modification design was completed. Construction will begin in conjunction with corner extensions being implemented at this intersection under CIP project Pedestrian Safety Enhancements at Signalized Intersections (75047). | 6/30/2020 | | No Activity This Quarter |
| 27 | 75084 | Mobility Corridors - Rose Bowl Access Systems | 1,622,000 | 1,622,000 | 897,173 | 55% | 1,300,000 | Construction will continue in FY 2019. | Project under construction with anticipated completion June 2019. | 6/30/2019 | | Construction |
| 28 | 75094 | Implement Bus Signal Priority System on Pasadena Transit Buses | 1,447,191 | 1,447,191 | 18,243 | 1% | 100,000 | Design will begin in FY 2019. | Request For Proposal issued for consultant design services. Proposals are due, and consultant selection is anticipated, in fourth quarter. | 6/30/2021 | | Design |
| 29 | 75095 | Adaptive Traffic Control Network - Phase II | 2,071,766 | 2,071,766 | 1,942 | 0% | 100,000 | Design will begin in FY 2019. | Design underway in third quarter. | 6/30/2021 | | Design |
| 30 | 75602 | Implementation of Citywide Transportation Performance Monitoring Network | 3,132,428 | 386,928 | 369,684 | 96% | 0 | Staff will continue implementation of the Live Traffic Data high resolution data collection and reporting in FY 2019. | Staff is evaluating data collection options for performance monitoring. | N/A | | Ongoing |
| 31 | 75709 | Traffic Signal Indication Safety Improvements - Phase II | 770,000 | 2,261,032 | 1,896,852 | 84% | 400,000 | This project will continue in FY 2019. | Design completed in third quarter. Preparing to advertise for construction. | 12/15/2019 | | Design |
| 32 | 75078 | Intelligent Transportation System (ITS) Equipment Upgrades/Replacement - FY 2016 - 2020 | 375,000 | 136,682 | 53,530 | 39% | 50,000 | This project will continue in FY 2019. | Project ongoing. Contractor tasks in third quarter included fiber splicing and removal and installation of video detection cameras. | 6/30/2020 | | Ongoing |
| 33 | 75086 | Purchase of Dial-A-Ride Vehicles | 2,152,516 | 1,052,516 | 631,716 | 60% | 400,000 | The four remaining replacement vehicles will be purchased and are anticipated to be in service in FY 2019. | Began the procurement process and received four proposals. Selection and authorization to proceed was made at April 15 council meeting and will be reported in the fourth quarter. | 3/31/2019 | 9/30/2019 | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34 | 75085 | Purchase of Replacement Transit Vehicles and Expansion Fixed-Route Transit Vehicles | 13,112,494 | 5,512,494 | 3,905,535 | 71% | 1,600,000 | Two of the four outstanding replacement vehicles will be purchased and are anticipated for delivery in FY 2019. The remaining vehicles will be purchased when funding is identified. | Preparation for Council Authorization to purchase off the two vehicles from the remaining options in Joint Procurement conducted in 2015 . Project is still on track despite council authorization postponed to beginning of fourth quarter. | 7/1/2019 | 9/30/2020 | Ongoing |
| 35 | 75707 | Construction of Transit Operations Maintenance Facility | 33,000,000 | 2,185,000 | 1,212,789 | 56% | 0 | In FY 2019, design will be completed. Construction will begin when funding is identified. | City staff is pursuing alternative project sites due to the increased estimated construction costs. | N/A | | Ongoing |
| 36 | 75900 | Bus Stop Improvement Program | 623,500 | 323,500 | 252,379 | 78% | 50,000 | This is an ongoing annual project. Work will be completed on an as-needed basis. | This is an annual project. There was no activity in third quarter. | N/A | | No Activity This Quarter |

## Parking

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 72151 | DeLacey, Schoolhouse, and Marriott Garage Improvements | 889,000 | 889,000 | 528,447 | 59% | 50,000 | Parking facilities ADA improvements will be completed in FY 2019. | Final sign-off from Building and Safety received in third quarter. | 12/31/2018 | | Completed |
| 2 | 72152 | Paseo, Marengo and Los Robles Parking Garage Improvements | 2,204,000 | 2,204,000 | 1,764,855 | 80% | 220,000 | Parking structure ADA improvements will be completed in FY 2019. | ADA handrail phase of project scheduled for bid advertisement on April 11, 2019. ADA updates to handrails added to project scope. Contract to be awarded May 20. | 12/31/2018 | 8/1/2019 | Construction |
| 3 | 72153 | Holly Street Parking Garage Improvements | 1,172,000 | 1,172,000 | 1,169,928 | 100% | 70,000 | Parking structure ADA improvements will be completed in FY 2019. | ADA handrail phase of project scheduled for bid advertisement on April 11, 2019. ADA updates to handrails added to project scope. Contract to be awarded May 20. | 12/31/2018 | 8/1/2019 | Construction |
| 4 | 72154 | Del Mar Station Garage Improvements | 528,000 | 528,000 | 319,788 | 61% | 120,000 | Parking structure ADA improvements will be completed in FY 2019. | Final sign-off received from Building and Safety in third quarter. | 12/31/2018 | | Completed |

## Sewers and Storm Drains

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 76912 | Sewer Master Plan | 3,500,000 | 600,000 | 513,319 | 86% | 300,000 | The citywide sewer assessment will be completed in FY 2019. | Consultant and staff are working on fee schedule. All other aspects of Sewer Master Plan have been completed. | 6/30/2019 | | Ongoing |
| 2 | 76909 | Sewer System Improvements and Citywide Capacity Upgrades FY 2017-2019 | 3,100,000 | 3,100,000 | 718,252 | 23% | 2,200,000 | In FY 2019, repair or rehabilitation of sewer will be completed as identified by yearly inspection and evaluation. | Construction began in third quarter and will continue through the end of FY 2019. | 6/30/2019 | | Construction |
| 3 | 76913 | Annual Storm Drain System Repair & Improvements | 1,750,000 | 10,000 | 3,730 | 37% | 0 | In FY 2019, repair or rehabilitation of storm drains will be completed as identified by yearly storm drain inspection and evaluation. | This project was closed and the remaining balance was transferred to the Storm Drain Master Plan (76914) in the December 10, 2018 City Council Meeting. | 12/31/2019 | | No Activity This Quarter |
| 4 | 76291 | NPDES Arroyo Seco Bacteria Load Reduction - Concept Study | 150,000 | 150,000 | 14,067 | 9% | 150,000 | A concept study will be completed in FY 2019. | City of Los Angeles submitted letter to Regional Board on behalf of the County of Los Angeles and City of Pasadena to ask for 5 year extension for Arroyo Seco Load Reduction Study projects. | 6/30/2019 | | Planning |
| 5 | 76292 | NPDES Rio Hondo Bacteria Load Reduction - Design Phase | 600,000 | 600,000 | 6,455 | 1% | 600,000 | The selected consultant will begin design in FY 2019. | Consultant began discussion with Sanitation District to determine feasibility and costs of diversion project in third quarter. | 6/30/2020 | | Planning |
| 6 | 76293 | NPDES Catch Basin Retrofit - Phase 4 | 600,000 | 600,000 | 186,699 | 31% | 600,000 | In FY 2019, Phase 4 will consist of the design and construction of the final City-owned catch basin connector pipe screen systems. | Phase 4 began in third quarter. | 3/31/2019 | | Construction |
| 7 | 76290 | NPDES - Storm Water Pollution Prevention Program | 3,620,000 | 3,620,000 | 3,021,322 | 83% | 500,000 | In FY 2019, work will be done as needed to meet the conditions of the NPDES permit. | Project completed in second quarter. | 6/30/2019 | | Completed |
| 8 | 76907 | Corrugated Metal Pipe Storm Drain Rehabilitation FY 2016 - 2020 | 900,000 | 900,000 | 649,373 | 72% | 275,799 | In FY 2019, 900 linear feet of storm drain will be re-lined and culvert reconstruction will be designed. | Construction to be completed in fourth quarter. | 6/30/2020 | | Construction |

## Rose Bowl Improvements

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 84004 | Rose Bowl Renovation Project | 182,700,000 | N/A | N/A | 0% | 0 | In FY 2019, work will include the continued procurement and fabrication of up to 46 temporary concessions stands to meet the substantial completion date on or before September 1, 2018. | Project completed. | 6/30/2018 | | Completed |
| 2 | | Implementation of the Master Plan for the Brookside Golf Course - Fairway Improvements | 1,805,000 | N/A | N/A | 0% | 150,000 | In FY 2019, the following work will be completed: cart path improvements; decomposed granite path improvements; tree maintenance; and course 1, hole 9 pond repairs. On December 10, 2018 the project budget was amended to include the purchase of golf maintenance equipment. | In third quarter, tree maintenance continued. The golf equipment was purchased as well. | 6/30/2019 | | Ongoing |
| 3 | | Rose Bowl - Preventative Maintenance FY 2017 - 2021 | 3,724,000 | N/A | N/A | 0% | 760,000 | In FY 2019, the following preventative maintenance work will continue: roof repairs; arroyo stone wall repairs; irrigation and plumbing repairs; camera repairs; speaker repairs; asphalt repairs; and other stadium maintenance as needed. | Continued electrical repairs, concourse and parking lot asphalt repairs and slurry, stadium concrete spall repair, HVAC repairs, general roof maintenance and repair, and stadium and pavilion seat repairs in third quarter. | 6/30/2019 | | Ongoing |
| 4 | | Brookside Clubhouse Upgrades - FY 2017 - 2021 | 1,626,211 | N/A | N/A | 0% | 200,000 | In FY 2019, Brookside Clubhouse termite removal and various clubhouse improvements will be completed. | In third quarter, clubhouse improvement planning was in progress as well of the purchase of F&B equipment. | 6/30/2019 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | | Rose Bowl Major Improvement Projects - FY 2017 - 2021 | 9,860,500 | N/A | N/A | 0% | 4,475,000 | In FY 2019, the following work will be completed: IT fiber improvements; HVAC major repair; Stadium LED lighting upgrade; parking lot slurry repair; stadium additional video board install; continued speaker replacement; continued upgrade of permanent and temporary concession stands; female locker room addition; continued concourse way finding improvements; continued virtual face recognition camera installation; broadcast cabling repairs and replacements; concourse restroom all gender and pink room install; Legacy Connections office buildout; and other improvements as needed. | In third quarter, planning for new video board was in progress, continued preparation for new stadium LED lighting, RFP evaluation concourse paving was in progress, continued construction of new Legacy Offices within Tunnel 7A, planning for new 1999 UA Team statue, and finalizing bid documents for Area H. | 6/30/2019 | | Ongoing |

## Parks and Landscaping - Park Projects

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 78043 | Robinson Park - Recreation Center Renovation Project | 12,272,075 | 12,272,075 | 11,198,675 | 91% | 1,800,000 | Construction will be completed in FY 2019. | Grand opening was held on January 26, 2019. Contractor began working on punchlist items in third quarter. Project close-out scheduled to be completed in fourth quarter. | 1/26/2019 | | Construction |
| 2 | 78054 | Desiderio Park - Development of New Park | 3,490,000 | 3,490,000 | 2,984,443 | 86% | 1,200,000 | Construction will be completed in FY 2019. | Construction continued in third quarter and scheduled for completion in fourth quarter. | 3/31/2019 | 5/31/2019 | Construction |
| 3 | 78059 | Installation of Restroom Building at Desiderio Park - Construction Phase | 900,000 | 900,000 | 181,475 | 20% | 0 | Construction will begin when funding is identified. | Plan check comments received and plans resubmitted in third quarter. Final construction drawing approval and bid advertisement scheduled for fourth quarter. | N/A | | Design |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 78080 | Citywide Park Asset Assessment | 210,000 | 210,000 | 10,926 | 5% | 210,000 | The park asset assessment will begin in FY 2019. | Request For Proposal soliciting proposals was sent to City's pre-qualified on-call landscape architecture firms on January 9, 2019. Responses were received on February 7, 2019. David Evans and Associates was selected to complete the project. Kick-off meeting for services was held on March 8, 2019. Assessment is scheduled to be completed in fourth quarter. | 6/30/2019 | | Design |
| 5 | 78240 | Annandale Canyon Open Space Trail Access, Improvements and Park Expansion | 796,000 | 896,000 | 557,759 | 62% | 50,000 | Planning and design will be completed in FY 2019. | Planning continued in third quarter. Response to Request For Proposals (RFP) for environmental services were received in third quarter. Environmental services to begin in fourth quarter and are scheduled to be completed in second quarter FY 2020. | 6/30/2020 | | Planning |
| 6 | 78044 | Citywide Sports Facilities Improvements and Installations | 2,799,166 | 3,011,091 | 1,372,397 | 46% | 500,000 | In FY 2019, tennis and basketball court repairs at Grant Park will be completed. Design of renovations for fields at Jefferson, Victory and McDonald Park and courts at La Pintoresca, Robinson, Brenner, Allendale and Villa Parke will also be completed. | Construction at Grant Park began in third quarter and will be completed in fourth quarter. | 6/30/2019 | | Construction |
| 7 | 78069 | Hamilton Park - Various Projects | 786,000 | 786,000 | 592,073 | 75% | 600,000 | In FY 2019, construction of phase I and design of phase II will be completed. | Phase II project design was completed in third quarter. Project scheduled for bid advertisement on April 11, 2019. Construction scheduled to begin and be completed first quarter FY 2020. | 6/30/2019 | | Design |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 78038 | Restroom Bldgs (Replace or Construct)-Jefferson, McDonald, Allendale, Victory, Grant, Villa, Singer, Eaton-Blanche, Memorial, Hamilton Parks | 7,522,123 | 7,407,123 | 6,365,054 | 86% | 1,200,000 | In FY 2019, construction of the restroom at Victory Park and improvements at Victory Park Community Center will be completed. | Plan check review comments received in third quarter. Revisions to be submitted and approved in fourth quarter. Delays due to work scope increase including the size of the restroom and the addition of an accessory structure for City staff use. Due to the increase in work scope, additional design elements were required for the concession stand and fire/life/safety. | 6/30/2019 | 9/30/2019 | Design |
| 9 | 78082 | Court Repairs at Eaton Blanche and McDonald Park - Construction Phase | 250,000 | 250,000 | 184,821 | 74% | 250,000 | Construction will be completed in FY 2019. | Construction completed in January 2019. Courts reopened and were available for use on January 29, 2019. | 6/30/2019 | 1/29/2019 | Completed |
| 10 | 78078 | Lamanda Park Library Pocket Park - Concept Study and Design | 100,000 | 100,000 | 61,149 | 61% | 50,000 | Design will be completed in FY 2019. | Final conceptual design will be presented to Library and Rec and Parks Commissions in third quarter. Conceptual design was supported by both groups. Work on park entitlements began in third quarter. | 6/30/2019 | | Planning |
| 11 | 78079 | Neighborhood Park Development - Union/El Molino - Concept Study | 200,000 | 200,000 | 14,625 | 7% | 50,000 | Planning will continue in FY 2019. | On March 11, 2019, Council approved $2,500,000 for the acquisition of real property located at 100 N El Molino Ave for park development. Planning and outreach will continue in fourth quarter. | 6/30/2021 | | Planning |
| 12 | 78083 | Union St./Oak Knoll Ave. Pocket Park - Concept Study and Design | 200,000 | 200,000 | 9,789 | 5% | 100,000 | Planning will begin in FY 2019. | On March 11, 2019, Council approved $2,500,000 for the acquisition of real property located at 100 N El Molino Ave for park development. Planning and outreach will continue in fourth quarter. | 6/30/2021 | | Planning |
| 13 | 78902 | Installation of Security Lights at Jefferson, Gwinn and Sunnyslope Park | 750,000 | 750,000 | 184,344 | 25% | 750,000 | Construction at each location will begin and be completed in FY 2019. | Construction underway with anticipated completion by end of FY 2019. | 6/30/2019 | | Construction |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 78061 | Villa Parke Community Center Improvements | 1,840,000 | 1,790,000 | 52,644 | 3% | 250,000 | Design will begin in FY 2019. | Building component assessments continued in third quarter. Design of field netting improvements were substantially completed in third quarter and is scheduled for bid advertisement on April 18, 2019. Bid package for gymnasium floor scheduled for advertisement on April 4, 2019. | 6/30/2020 | | Design |
| 16 | 78086 | Pickleball Courts - Design and Construction | 1,800,000 | 400,000 | 8,151 | 2% | 400,000 | In FY 2019, the conceptual design for the installation of a pickleball court at Vina Vieja Park and environmental review phase of this project will begin. | Planning continued in third quarter. On February 26, 2019, staff selected David Volz Design for professional services for planning, design, and public outreach. | 6/30/2021 | | Planning |
| **Parks and Landscaping - Landscape Projects** | | | | | | | | | | | | |
| 1 | 78958 | Tree Replacement/Planting - Citywide FY 2017 - 2021 | 1,097,000 | 665,000 | 435,745 | 66% | 265,000 | In FY 2019, approximately 600 trees will be planted. | As of third quarter, 250 new trees have been planted. The remaining trees will be planted by the end of FY 2019. | 6/30/2022 | | Ongoing |
| **Arroyo Projects** | | | | | | | | | | | | |
| 1 | 77506 | Hahamongna - Implement Master Plan - Oak Grove Area Improvements | 1,864,348 | 1,864,348 | 482,991 | 26% | 150,000 | Design will be completed in FY 2019. | Project will be re-scoped and design will commence. | 6/30/2021 | | Design |
| 2 | 77507 | Hahamongna - Implement Master Plan - Trail Development | 155,182 | 88,465 | 155,182 | 175% | 0 | Design will be completed in FY 2019. | This project is pending funding to close. | 12/10/2018 | | No Activity This Quarter |
| 3 | 77509 | Implement Master Plan - Hahamongna Watershed Park - Berkshire Creek Area Improvements | 1,593,010 | 778,410 | 321,256 | 41% | 150,000 | Design will be completed in FY 2019. | Design continued in third quarter. | 6/30/2020 | | Design |
| 4 | 77508 | Implement Master Plan - Hahamongna Watershed Park - Habitat Restoration | 520,000 | 420,000 | 517,163 | 123% | 50,000 | Design will be completed in FY 2019. | Notice of Completion filed on March 20, 2019. Staff is continuing to research charges. | 6/30/2019 | | Completed |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 77516 | Hahamongna Watershed Park - Oak Grove Disc Golf Course Improvements | 75,000 | 75,000 | 71,029 | 95% | 25,000 | Design will be completed in FY 2019. | Project on hold. | 6/30/2021 | | No Activity This Quarter |
| 6 | 77901 | Pasadena Equestrian Center Improvements | 950,000 | 650,000 | 185,048 | 28% | 400,000 | Site planning and utility improvements will continue in FY 2019. | Design of domestic water distribution and sub-metering continued in third quarter. Project scheduled to advertise for bid in fourth quarter. | 6/30/2020 | | Design |
| 8 | 77414 | Lower Arroyo - Implement Master Plan - Signage Plan | 329,200 | 329,200 | 214,175 | 65% | 0 | The master signage plan will be completed in FY 2019. | The Arroyo Seco Master Signage Program was presented to the Design Commission on April 9, 2019. Comments received are being reviewed and some will be incorporated into proposed program and will be presented to the Recreation and Parks Commission on May 7, 2019. The Arroyo Seco Master Plan will then be finalized based on the commission reviews. | 6/30/2019 | | Design |

## Pasadena Center Improvements

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | | Restoration, Upgrades, and Repairs of the Civic Auditorium, Convention Center and Ice Rink | 3,950,000 | N/A | N/A | 0% | 600,000 | In FY 2019, renovation of the Conference Building restrooms and installation of a new stage lighting system at the Civic Auditorium will begin. Ongoing maintenance and repairs will take place as needed. | A new lighting system will be purchased and installed for the Civic Auditorium and will be completed in FY 2019. Repairs in third quarter included: water lines, garage leaks and Civic ADA. Conference Building restroom renovation design was completed. | N/A | | Ongoing |

## Water System

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1001 | Distribution Mains | 78,523,314 | 55,513,314 | 53,765,510 | 97% | 5,490,000 | In FY 2019, three miles of new distribution mains will be installed, including installation and repair of gate valves, water services, fire hydrants, and asphalt or concrete patching/resurfacing of the trenches as required by code. The actual amount of pipe installed will vary due to size and complexity of projects. | 2.98 Miles of water distribution mains were installed with 75 main line service connections, 69 gate valves, and 13 fire hydrants. This work included the repair of 83,615 square feet of asphalt roadway and 14,802 square feet of concrete roadway and sidewalk. A contract for the installation of water main in Orange Grove Boulevard was awarded by City Council on March 11. | 6/30/2022 | | Ongoing |
| 2 | 1011 | Customer Information System | 5,880,052 | 1,954,596 | 352,771 | 18% | 1,534,742 | In FY 2019, staff will continue implementation of a new CIS system. A new CIS solution will be procured and the analysis and design phases will begin for conversion. Additional resources will be added for the project and the current CIS system will be maintained and upgraded as necessary. | Evaluation continued for the CIS, CSS, EBPP RFP in the 3rd quarter. Nineteen vendor reference checks were completed via conference call, and site visits were conducted at Burbank Water & Power and Louisville Water Company. In March the Project team attended a Utility CIS Users Conference to learn more about the proposed CIS solution and implementation/integration strategies. A final recommendation to City Council is anticipated in the 4th quarter. | 12/31/2021 | | Planning |
| 3 | 1002 | Meters and Services | 38,192,527 | 29,147,527 | 27,801,564 | 95% | 2,285,000 | In FY 2019, as part of the ongoing Meter Replacement Program 15-year cycle, crews will replace approximately 2,500 small meters, 50 large meters, 50 services, and 10 meter vaults. Additionally, an estimated 3,000 failing Encoder Receiver Transmitter ("ERT") devices will be replaced. | City crews replaced 903 small meters, 7 large meters, and 29 non-AMR meters. Four water meter vaults and 15 leaking services were also replaced since the beginning of FY 2019. | 6/30/2020 | | Ongoing |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 1003 | Customer Driven Meters and Services | 26,449,986 | 19,949,986 | 18,837,426 | 94% | 2,000,000 | In FY 2019, crews will install mains, new meters, and services, including paving, as requested by customers, and at the customers' expense for new building, construction, and development projects. | There were 37 water service applications received from customers/developers with deposits. City crews installed 34 projects that included 35 domestic services, 5 irrigation service, 12 fire services with backflow device installations, 8 new fire hydrants, 40 new meter installations, and 20 service abandonments. | 6/30/2021 | | Ongoing |
| 5 | 1073 | Booster Improvements | 8,240,000 | 4,240,000 | 367,014 | 9% | 2,240,000 | In FY 2019, construction of the Arroyo Booster Station will begin. Additional booster pump replacements and upgrades will be completed as required. | A contract for the construction of Arroyo Booster Station upgrades was awarded to R.I.C. Construction Co., Inc. on January 14, 2019 and is undergoing review and approvals processing. | 6/30/2023 | | Construction |
| 6 | 1074 | Well Improvements | 4,810,000 | 1,610,000 | 557,879 | 35% | 760,000 | In FY 2019, construction of the Woodbury Well electrical upgrades will begin. Equipment will be upgraded and replaced at other well sites, as required. | The Woodbury Well main breaker will be replaced by the Electric System. Work continues on the preliminary assessment of the Garfield Well replacement. | 6/30/2023 | | Planning |
| 7 | 1040 | Arroyo Seco Canyon Project | 14,841,754 | 8,721,754 | 4,337,168 | 50% | 475,000 | In FY 2019, the results of the completed habitat modeling technical study will be used to revise the project's concept design report. Preparation for the Environmental Impact Report will begin, and repairs to Bridge 3 will be completed, as needed, based on the results of a structural evaluation. | Notice to Proceed was issued for the Upper Arroyo Seco Invasive Species Management and Habitat Enhancement Plan. Two RFP proposals for the EIR were evaluated and vendor selection was completed. The contract is expected to be finalized in the fourth quarter and Spring surveys will be completed. | 6/30/2022 | | Planning |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 1013 | Non-Potable Water Project | 28,283,860 | 8,683,860 | 7,343,499 | 85% | 635,000 | In FY 2019, staff will prepare and submit permit and easement applications (i.e. regulatory permits from Recycled Water Quality Control Board and LA County; discretionary permits from Cities of Glendale and Pasadena; and easements from Southern California Edison and the Art Center). The consultant will complete design for the project and assist staff with the preparation of an RFP for construction. | The final appraisal report for Edison easement at Scholl Canyon was received in the third quarter. The wastewater petition of change was approved by the State Water Resources Control Board. In addition, a contract was awarded for a membrane bioreactor scalping feasibility study. | 6/30/2024 | | Design |
| 9 | 1079 | Emergency Generator - Water | 525,000 | 525,000 | 0 | 0% | 525,000 | In FY 2019, the most feasible generator will be selected based on an assessment conducted by the Power Delivery section. | The project was redefined in the second quarter to address Water System needs. The scope development for portable generators at Water facilities was completed and procurement is expected to begin in the fourth quarter. | 6/30/2020 | | No Activity This Quarter |
| 10 | 1075 | Sunset Reservoir Improvements | 6,805,000 | 705,000 | 297,622 | 42% | 355,000 | In FY 2019, preliminary design and environmental documentation will begin for the replacement of Sunset Reservoir Unit 1. | Project is being redefined to meet the multiple site challenges and system needs. Consultant selection for preliminary design will begin after scope change. | 6/30/2023 | | Planning |
| 11 | 1054 | Facility Security Systems | 1,439,025 | 1,214,025 | 883,386 | 73% | 50,000 | In FY 2019, work is expected to begin on upgrades to the security system at Twombly Well. | The fence replacement for Twombly Well was completed in January 2019. | 6/30/2019 | | Completed |
| 12 | 1034 | Water Supervisory Control and Data Acquisition (SCADA) Improvements | 1,050,138 | 950,138 | 819,238 | 86% | 100,000 | In FY 2019, upgrades to fiber optics and/or radio transmission for the Water SCADA system communications will continue at Annandale, Eagle Rock, and Mirador reservoirs. | Upgrades to radio transmission at Lida Reservoir continued in the third quarter. Remote terminal unit upgrades began at Thomas Reservoir. | 6/30/2020 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 1076 | Monk Hill Groundwater Treatment Improvements | 3,350,000 | 350,000 | 61,261 | 18% | 50,000 | In FY 2019, design of the Explorer Well will continue by NASA's sub-contractor. A consultant selected by Pasadena Water and Power will finalize the environmental documentation. | Final design draft was submitted by NASA's subcontractor in the third quarter, and work on the initial study/mitigated negative declaration continued. The biological survey and site visit was completed to comply with CEQA requirements. Negotiations for NASA amendment agreement are taking place. | 6/30/2023 | | Design |
| 14 | 1077 | Water System and Resources Plan | 1,450,000 | 1,310,000 | 294,171 | 22% | 730,000 | In FY 2019, the selected consultant will begin work on the 15 tasks developed in the RFP and initiate public engagement by developing an outreach plan. A draft plan will be prepared for initial review and public comment. | Two workshops and one stakeholder meeting took place in the third quarter. Assessment of data, and development of risk of failure components for the Water System and Resources Plan continued. | 12/31/2019 | | Planning |
| 15 | 1016 | Interactive Voice Response System (IVR) | 457,690 | 368,440 | 152,339 | 41% | 12,250 | In FY 2019, staff will review and implement IVR/IWR system enhancements and modifications to improve customer service, as needed. | No activity in the third quarter. Work is completed on an as needed basis. | 6/30/2019 | | No Activity This Quarter |
| 16 | 1012 | Field Services and Meter Reading Automation | 521,491 | 361,491 | 118,539 | 33% | 40,000 | In FY 2019, staff will continue ongoing software and hardware upgrades for meter reading and drive-by routing, as needed. | Upgrade from Itron Multi Vendor Reading System (MVRS) to Itron Field Collection System (FCS) is pending updated Master Service Agreement from vendor. Deployment is anticipated in fourth quarter. | 6/30/2021 | | Ongoing |
| 17 | 1009 | Geographic Information System - Water and Power Department | 4,325,413 | 4,100,413 | 3,946,599 | 96% | 117,500 | In FY 2019, staff will acquire new hardware, configure water software, receive ESRI and ArcFM training, and develop, modify, or enhance system integrations, as needed. | Mapplet and MapLibrary administration and configuration tasks were completed in the third quarter. In addition, ESRI GIS Administration training was purchased. | 6/30/2019 | | Ongoing |
| 18 | 1065 | Radio Equipment Replacement | 1,276,139 | 1,176,139 | 366,018 | 31% | 25,000 | In FY 2019, additional radios will be purchased, as needed. | No reportable activity in the third quarter. Work is completed on an as needed basis. | 6/30/2019 | | No Activity This Quarter |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | 1025 | Management Information Systems - Water Department | 1,749,764 | 1,505,794 | 1,388,608 | 92% | 148,750 | In FY 2019, a consultant will complete an assessment for mitigation of cyber security vulnerabilities. Additionally, the Cascade application will be upgraded and the database will be migrated to SQL Server. Hardware and software to replace network equipment, and surveillance cameras and access controls will be purchased as needed. | The Cascade application upgrade and migrate database to SQL Server is still pending legal contract review. Dell EMC VxRail Stretched Clusters between data centers at Dispatch Center and Cogent were implemented, and additional surveillance and access control equipment was purchased. | 6/30/2019 | | Ongoing |
| 20 | 1056 | Water and Power Warehouse Modernization | 2,494,046 | 2,494,046 | 2,256,223 | 90% | 171,100 | In FY 2019, the warehouse restroom and locker rooms will be renovated, including replacement of partitions, wall and floor tiling, lockers, and fixtures. Interior walls will be repainted and the roof retrofitted. Additional upgrades and improvements to the building will continue for Electric and Water utility functions, as needed. | No activity in the third quarter. Warehouse restroom and locker room renovations have been placed on hold. Staff is researching whether to proceed with renovation or reconstruction. | 6/30/2020 | | No Activity This Quarter |
| 21 | 1043 | Devil's Gate Tunnels | 354,807 | 354,807 | 355,993 | 100% | 0 | Work is contingent on the presence of tunnel water. This project will remain open to supplement project 1013 - Non-Potable Water Project. | No activity in third quarter due to the absence of tunnel water. | 6/30/2019 | | No Activity This Quarter |
| 22 | 1078 | Advanced Metering Infrastructure (AMI) | 1,800,000 | 100,000 | 0 | 0% | 0 | The project is on hold until FY 2020 to accommodate for the analysis and procurement of a new billing system that will manage AMI data points. | Advanced Metering Infrastructure (AMI) Feasibility Study has been placed on hold pending outcomes of Water and Power Distribution Master Plans and overall AMI strategy. | 6/30/2025 | | No Activity This Quarter |

## Electric System

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3191 | 4 kV Distribution System Conversion | 61,241,236 | 47,117,236 | 44,159,653 | 94% | 3,500,000 | In FY 2019, a system study will be utilized to identify target locations for the conversion of 4kV circuits to 17kV circuits and support connection to Utility Undergrounding Districts. Additionally, Pasadena Water and Power will convert portions of the Eagle Rock circuit (ER-1) from 4kV to 17kV. | Upgraded power poles and overhead conductors in anticipation of future conversion of Santa Anita 4 (S-4) along Clifton Alley; continued conversion of Santa Anita 8 (S-8); completed the engineering design for conversion of Eagle Rock circuit (ER-1) from 4kV to 17kV. | 6/30/2020 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3137 | Conductor Replacement and Testing | 29,825,966 | 20,625,966 | 18,609,570 | 90% | 2,300,000 | In FY 2019, staff will replace cable, wire, and related components based on information generated by field crews during ongoing maintenance and inspection activities. | Initiated replacement of a 34kV subtransmission line between T.M. Goodrich Receiving Station and Santa Anita Substation (line 34-26). Construction will be completed in the 4th quarter. | 6/30/2025 | | Ongoing |
| 3 | 3161 | Power Distribution Capacity and Reliability Program | 74,703,959 | 59,903,959 | 59,699,982 | 100% | 3,700,000 | In FY 2019, staff will replace equipment such as transformers, switches, and overcurrent protection devices, based on information generated by field crews during daily operation and inspection activities. | 22 transformers were replaced in the third quarter. | 6/30/2020 | | Ongoing |
| 4 | 3185 | Replacement and Upgrade of Electrical Substructures | 25,543,236 | 17,543,236 | 14,075,936 | 80% | 2,000,000 | In FY 2019, four deteriorated vaults will be replaced. Additional replacements will continue on damaged vaults at various locations. Assessment scoring on a six-point scale will determine which locations will be prioritized. | Contracts for the reinforcement of four deteriorated underground vaults will be executed by mid April 2019, and construction will start and be completed in fourth quarter. In addition, the repair of three underground vaults and 11 pull boxes were completed. | 6/30/2019 | | Ongoing |
| 5 | 3220 | Installation of High Voltage Electrical Services | 15,000,000 | 5,000,000 | 2,072,327 | 41% | 2,500,000 | In FY 2019, Electric Service Planning will respond to customer requests for modifications, upgrades or new high voltage electric service. Crews will install cables, conduits, switches and transformers at the customers' expense. | Completed 10 private property designs and electric service installations in response to customer requests for new service, modifications, and upgrades equal or higher than 400 amps of service. Additionally, 11 new applications were processed and initiated. | 6/30/2025 | | Ongoing |
| 6 | 3221 | Installation of Low Voltage Electrical Services | 15,000,000 | 5,000,000 | 3,057,277 | 61% | 2,500,000 | In FY 2019, Electric Service Planning will respond to customer requests for modifications, upgrades or new low voltage electric service. Crews will install service conductors to provide electric services at the customers' expense. | Completed 110 residential and commercial installation requests for new service, modifications, and upgrades from the right of way, equal to 200 amps or below. | 6/30/2025 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 3182 | GT-1 and GT-2 Upgrades and Replacements | 30,717,292 | 28,197,292 | 13,556,453 | 48% | 13,355,000 | In FY 2019, GT-2 will be repaired and the control system for GT-1 will be updated. Various upgrades and replacements will also be completed, as needed. | Permit from AQMD for GT-2 repairs was received in the 3rd quarter. Project start is anticipated in the fourth quarter. | 12/31/2020 | | Planning |
| 8 | 3002 | Distribution System Expansion | 26,998,926 | 18,998,926 | 17,772,754 | 94% | 2,000,000 | In FY 2019, infrastructure such as transformers, switches, vaults, conductors, and poles will be constructed to feed newly connected customers, customers with new power needs, or to expand circuits into new areas for the purpose of serving existing customers. | Completed the design of electrical equipment and infrastructure to expand the distribution system on San Rafael and Nithsdale. Continued expansion design on Glenullen Drive in support of 17kV conversion on Eagle Rock circuit (ER-1). Completed design and began construction on Shoppers Lane and on Orange Grove Blvd. and Sinaloa Avenue. Design also continued for the Paloma Circuit on Sierra Madre Blvd. and Sierra Madre Villa Ave. | 6/30/2025 | | Ongoing |
| 9 | 3022 | Customer Information System | 11,404,738 | 3,886,052 | 794,873 | 20% | 2,850,234 | In FY 2019, staff will continue implementation of a new CIS system. A new CIS solution will be procured and the analysis and design phases will begin for conversion. Additional resources will be added for the project and the current CIS system will be maintained and upgraded as necessary. | Evaluation continued for the CIS, CSS, EBPP RFP in the 3rd quarter. Nineteen vendor reference checks were completed via conference call, and site visits were conducted at Burbank Water & Power and Louisville Water Company. In March the Project team attended a Utility CIS Users Conference to learn more about the proposed CIS solution and implementation/integration strategies. A final recommendation to City Council is anticipated in the 4th quarter. | 12/31/2021 | | Planning |
| 10 | 3208 | Substation Control and Protection Upgrades | 5,650,000 | 1,650,000 | 840,259 | 51% | 1,250,000 | In FY 2019, protection, control, and metering equipment for four subtransmission lines at T.M. Goodrich substation will be upgraded. In addition, protection, control, and metering systems for ten 17kV feeders will be upgraded at Santa Anita Substation. | Completed engineering design for the protection and control upgrades for Santa Anita 25 kV West circuit breakers and subtransmission line 34-26 between Santa Anita and T.M. Goodrich Receiving Stations. | 6/30/2025 | | Ongoing |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3195 | Transmission System Enhancements | 15,350,000 | 4,750,000 | 2,418,224 | 51% | 2,300,000 | In FY 2019, two 220kV disconnect switches will be replaced at T.M. Goodrich substation and technical specifications and a RFP will be prepared to procure a new substation class transformer. | Southern California Edison (SCE) completed an inspection of T.M. Goodrich substation in first quarter and reported that replacement of 220kV disconnect switches are not needed at this time. Negotiations with SCE on a Letter Agreement to upgrade protection and communication systems of the T.M. Goodrich - Laguna Bell 220kV transmission line continued in third quarter. | 6/30/2024 | 6/30/2021 | Ongoing |
| 12 | 3090 | Switchgear Upgrades for Power System Facilities | 36,524,802 | 34,524,802 | 34,269,183 | 99% | 900,000 | In FY 2019, crews will replace five 25kV circuit breakers at the Santa Anita Substation and automatic transfer switches at T.M. Goodrich. Additional replacements of failed/defective equipment will be completed based on scheduled maintenance test results. | Construction began for 25 kV Santa Anita West circuit breakers installations. In addition, engineering design was completed, and procurement initiated, for 34 kV potential transformer upgrades and Santa Anita circuit breaker animal guards. | 6/30/2025 | | Ongoing |
| 13 | 3117 | Wood Utility Pole Replacement/Reinforcement Program | 12,700,314 | 10,700,314 | 10,567,316 | 99% | 500,000 | In FY 2019, crews will continue ongoing government-mandated inspection of power pole assets to identify need for repair or replacement. Overhead poles will be replaced per inspection findings. | Replaced 30 poles in support of Joint Pole Agreement (JPA) activities and an additional 40 poles in support of other Power Distribution System projects. | 6/30/2025 | | Ongoing |
| 14 | 3178 | Power Supply Facility Security | 1,375,423 | 1,195,423 | 669,481 | 56% | 45,000 | In FY 2019, improvements to Glenarm, Broadway, and Azusa Hydro plants security systems will be completed on an as needed basis. | Continued evaluation of securing perimeter block wall on Fair Oaks for the installation of new cameras for GT-5 site. | 6/30/2019 | | Ongoing |
| 15 | 3181 | Substation and Dispatch Facilities Improvements | 6,720,000 | 3,920,001 | 1,963,650 | 50% | 750,000 | In FY 2019, improvements to the back-up dispatch center will continue, and a feasible design proposal for renovation of the primary dispatch center will be generated. | Vendor proposals were received for the RFP for video wall and uninterruptible power supply (UPS) system. Evaluations with Subject Matter Experts (SMEs) were initiated and vendor selection is expected in the 4th quarter. | 6/30/2025 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 3205 | Subtransmission System Enhancements | 4,475,000 | 2,475,000 | 2,069,631 | 84% | 500,000 | In FY 2019, crews will begin a project to enhance the resiliency of the 34kV subtransmission system by installing protective equipment and mitigating potential cascading failures. | Design documents for protective equipment installation (ballistic cloth) in the 34kV system between Santa Anita and Glenarm were revised in the 3rd quarter to coordinate objectives with vault rehabilitation projects (CIP 3185). | 6/30/2020 | | Ongoing |
| 17 | 3186 | GT-3 and GT-4 Upgrades and Replacements | 8,305,367 | 5,645,367 | 2,337,457 | 41% | 415,000 | In FY 2019, miscellaneous improvements to GT-3 and GT-4 will be performed on an as needed basis. In addition, silencers will be replaced and cooling tower basins will be re-coated. | Fuel Nozzles were purchased and installed on GT-4 in the 3rd quarter. Engineering services to begin GT-3 & GT-4 cooling tower upgrades and GT-3 Chiller compressor overhaul are pending contract approvals. | 6/30/2020 | | Ongoing |
| 18 | 3013 | Facility Security Systems | 7,943,390 | 5,193,390 | 4,886,325 | 94% | 500,000 | In FY 2019, the security systems and security lighting at T.M. Goodrich Substation will be implemented. Additional security enhancements at other facilities will be initiated upon the completion of a security assessment study. | Design of conduit layout for security video monitoring cameras and lighting for the T.M. Goodrich Receiving Station continued and is expected to completed in the 4th quarter. | 6/30/2019 | | Design |
| 19 | 3190 | Power Transmission Program | 5,125,630 | 6,004,999 | 5,351,234 | 89% | 1,000,000 | In FY 2019, the work plan will fund PWP's share of four ongoing LADWP projects: AC/DC Filter Replacement project; DC Electrode Land Replacement project; Sylmar Electrode Line Submarine Replacement project; and Porcelain Insulator Replacement project. | LADWP is the operating agent for this Capital Improvement Project and PWP is invoiced for a share of the costs. Invoices paid in the 3rd quarter include work on the DC Electrode project (land and submarine), Porcelain Insulator replacement project, DA-24 filter reactors, inverters, Emergency Lighting Uninterruptible Power System, and Fire Protection System Replacement project. | 6/30/2024 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 3143 | Citywide Fiber Optic Communication System | 2,396,668 | 3,096,668 | 2,246,423 | 73% | 750,000 | In FY 2019, the East Fiber Optic Expansion and Northwest Fiber Optic Expansion Projects will be completed in conjunction with the Department of Information Technology. These Expansion Projects will focus on installing fiber optic in support of future PWP Distribution Automation (DA) and Advanced Metering Infrastructure (AMI) Projects. | Completed installation of inner duct and fiber optic cable for the La Loma Expansion Fiber Optic Project. In addition, vendor selection for the Fiber Manager GIS project was completed in coordination with DoIT. | 6/30/2025 | | Ongoing |
| 21 | 3173 | Power Meter Installation and Replacement Program | 7,545,419 | 6,945,419 | 6,572,293 | 95% | 150,000 | In FY 2019, staff will complete the design, installation, testing, and commissioning of new Power Quality Meters with Circuit Breaker status for five (5) subtransmission lines. New Power Quality Meters will be installed at T.M. Goodrich, Santa Anita, and Glenarm Receiving Stations, and interfaced to the SCADA system. | Completed the design, installation, and testing of new Power Quality Meters for the 34-35 and 34-36 Receiving Station circuit breakers. | 6/30/2025 | | Ongoing |
| 22 | 3209 | Power Distribution Master Plan | 1,100,000 | 1,100,000 | 5,758 | 1% | 1,100,000 | In FY 2019, staff will initiate and complete the Master Plan for the Power Delivery Division. | Development of the Power Delivery Master Plan continued in the 3rd quarter. A task order was issued for General Engineering Services and responses received will be evaluated in the 4th quarter. | 6/30/2020 | | Ongoing |
| 23 | 3223 | Emergency Generator - Power | 975,000 | 975,000 | 0 | 0% | 975,000 | In FY 2019, the most feasible generator will be selected based on an assessment conducted by the Power Delivery section. | Assessment completed by Power Delivery concluded that business requirements for the Water and Power utilities were too discrepant for the purchase of a single generator. The project will be re-scoped to specifically address the needs of the gas turbines. | 6/30/2020 | | Planning |
| 24 | 3026 | Interactive Voice Response System (IVR) | 870,750 | 705,001 | 350,059 | 50% | 22,750 | In FY 2019, staff will review and implement IVR/IWR system enhancements and modifications to improve customer service, as needed. | No activity in the 3rd quarter. Work is completed on an as needed basis. | 6/30/2019 | | No Activity This Quarter |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 3180 | Power Production Facility Improvements | 4,897,726 | 2,897,726 | 2,153,444 | 74% | 1,185,000 | In FY 2019, upgrades to the Remote Intelligent Gateway (RIG), California Independent Systems Operator (CAISO) revenue metering for generators, and improvements to the power plant electrical power are planned. Other power production facilities improvements will be completed on an as needed basis. | The GT-5 condensate degasification system (aka LiquiCell) project and upgrades to the GT-5 water lab were completed and are in operation. In addition, bids were solicited for a perimeter fence replacement around the Glenarm Fountain. Work is expected to begin in the 4th quarter. | 12/31/2019 | | Ongoing |
| 26 | 3014 | Replacement of Power Plant Instruments and Controls | 735,093 | 495,093 | 405,888 | 82% | 60,000 | In FY 2019, instruments and controls will be procured as needed. | No reportable activity in the 3rd quarter. Work is completed on an as needed basis. | 6/30/2019 | | No Activity This Quarter |
| 27 | 3025 | Field Services and Meter Reading Automation | 676,603 | 474,603 | 304,024 | 64% | 50,500 | In FY 2019, staff will continue ongoing software and hardware upgrades for meter reading and drive-by routing, as needed. | Upgrade from Itron Multi Vendor Reading System (MVRS) to Itron Field Collection System (FCS) is pending updated Master Service Agreement from vendor. Deployment is anticipated in the 4th quarter. | 6/30/2021 | | Ongoing |
| 28 | 3196 | Seismic Upgrade of Power Facilities | 3,950,000 | 1,950,000 | 1,001,855 | 51% | 500,000 | In FY 2019, staff will complete a seismic design and upgrade at the T.M. Goodrich Receiving Station switch-racks; and complete construction of seismic anchoring at the Villa and Chester Substations. | Bid evaluations for seismic anchoring at Chester Substation were completed, with contract award anticipated in the 4th quarter. In addition, RFB for seismic anchoring at Villa Substation was published, and engineering design continued for seismic anchoring of switch racks at T.M. Goodrich Receiving Station. | 6/30/2019 | | Ongoing |
| 29 | 3005 | Geographic Information System - Water and Power Department | 5,671,370 | 5,446,370 | 4,488,969 | 82% | 82,500 | In FY 2019, staff will receive ESRI and ArcFM training, and develop, modify, or enhance system integrations, as needed. | Mapplet and MapLibrary administration and configuration tasks were completed in the 3rd quarter. In addition, ESRI GIS Administration training was purchased. | 6/30/2019 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 3119 | Management Information Systems - Power Department | 4,382,302 | 3,800,393 | 3,288,679 | 87% | 326,250 | In FY 2019, a consultant will complete an assessment for mitigation of cyber security vulnerabilities. Additionally, the Cascade application will be upgraded and the database will be migrated to a SQL Server. Hardware and software to replace network equipment, and surveillance cameras and access controls, will be purchased, as needed. | The Cascade application upgrade and migrate database to SQL Server is still pending legal contract review. Dell EMC VxRail Stretched Clusters between data centers at Dispatch Center and Cogent were implemented, and additional surveillance and access control equipment was purchased. | 6/30/2019 | | Ongoing |
| 31 | 3188 | Radio Equipment Replacement | 2,643,246 | 2,543,246 | 1,923,171 | 76% | 25,000 | In FY 2019, additional radios will be purchased, as needed. | No activity in the 3rd quarter. Work is completed on an as needed basis. | 6/30/2019 | | No Activity This Quarter |
| 32 | 3073 | Supervisory Control and Data Acquisition System Expansion | 4,656,235 | 3,456,235 | 2,617,678 | 76% | 300,000 | In FY 2019, the Primary Dispatch Center SCADA System hardware will be upgraded in support of Backup Dispatch Center SCADA System. Included in project will be the upgrade of the T.M. Goodrich, Santa Anita, and Dispatch Receiving Station Remote Terminal Units (RTUs). In addition, the Santa Anita Receiving Station Gateway will be upgraded in coordination with electro-mechanical relay upgrade projects and will include a Human Machine Interface (HMI). | Continued review and updates to proposals for Primary Dispatch Center SCADA system upgrade, Receiving Station RTU upgrades, and Santa Anita HMI installation. This project is being coordinated with the improvements to the back-up dispatch center (CIP 3181). | 6/30/2025 | | Ongoing |
| 33 | 3192 | Distribution System Automation | 5,800,000 | 3,800,001 | 3,555,010 | 94% | 500,000 | In FY 2019, five new underground switches will be installed at key electrical distribution locations targeted to improve system reliability. Identified locations will be along routes of recently installed PWP fiber optic cable, allowing switches to be interfaced to the SCADA System. | Completed installation of a new CalTrans automated traffic signal in vault V6897. In addition, design and procurement for new underground automated switches in vault V1536 at Washington and El Molino, and vault V6117 at Orange Grove and California, were completed. | 6/30/2025 | | Ongoing |
| 34 | 3035 | Distribution System Fault Indicators/Recorders | 1,819,391 | 1,019,391 | 807,516 | 79% | 200,000 | In FY 2019, as part of ongoing system upgrades for increased reliability, crews will install five new fault indicator systems that will communicate with the SCADA system. | Procurement of new fault indicator systems was completed for vaults V1034, V5368, and V1536. | 6/30/2025 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 3128 | Substation Oil Containment | 4,892,352 | 2,992,352 | 2,363,300 | 79% | 650,000 | In FY 2019, staff will complete construction of a new oil containment system at the Del Mar Substation and design of a new oil containment system at the Villa Substation. | Construction of an oil containment system at the Del Mar Substation continued and is anticipated to be completed in the 4th quarter. Design for the new oil containment system at Villa Substation will begin in the 4th quarter. | 6/30/2019 | | Construction |
| 36 | 3021 | Power System Cable and Transformer Test Equipment | 1,514,945 | 1,114,945 | 819,058 | 73% | 100,000 | In FY 2019, a cable system acceptance tester will be procured to assist in validating new cable installations and acquiring trending data for cable health analysis. | Development of an RFP for cable testing equipment continued in the 3rd quarter. Procurement of transformer testing equipment was completed. | 6/30/2020 | | Ongoing |
| 37 | 3012 | Distribution Volt/Var Enhancements | 690,000 | 230,000 | 42,198 | 18% | 115,000 | In FY 2019, distribution system capacitors will be added or relocated and regulators will be installed to ensure integration with other automation projects and ensure long term stability in power quality. | Designs for fixed capacitor bank installation were issued in the 3rd quarter. Procurement for a switched capacitor bank pilot project is anticipated in the 4th quarter. | 6/30/2023 | | Ongoing |
| 38 | 3109 | Customer Load Research Program | 3,071,874 | 2,471,874 | 2,392,764 | 97% | 150,000 | In FY 2019, analysis will continue for the upgrade of small commercial meters and connection of meters to the MV-90 system to enhance load data analysis. | Electric load data analysis and ongoing replacements of failing MV-90 meters continued in the 3rd quarter. | 6/30/2019 | | Ongoing |
| 39 | 3160 | Power Supply Integrated Resource Planning and Design | 2,175,000 | 1,724,999 | 1,228,899 | 71% | 200,000 | In FY 2019, a new Energy Integrated Resource Plan (IRP) will be completed. | Updates were completed to the IRP supplemental tables in response to 17 CEC data requests received in the 3rd quarter. | 6/30/2019 | | Ongoing |
| 40 | 3142 | Advanced Metering Infrastructure (AMI) | 11,506,356 | 706,356 | 305,166 | 43% | 150,000 | In FY 2019, staff will review and implement available interim options for limited AMI functionality for electric meters in support of targeted short-term system reliability improvements. The interim solution is needed to accommodate for the analysis and procurement of a new billing system that will be able to manage AMI data points. | No activity in the 3rd quarter. Interim AMI solutions are under review but no specific solution has been identified to date. Work plan will be delayed, pending the CIS Replacement Project (CIP 3022). | 6/30/2025 | | No Activity This Quarter |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | 3175 | Water and Power Warehouse Modernization | 19,921,982 | 19,921,982 | 17,638,854 | 89% | 324,900 | In FY 2019, the warehouse restroom and locker rooms will be renovated, including replacement of partitions, wall and floor tiles, lockers, and fixtures. Interior walls will be repainted and the roof retrofitted. Additional upgrades and improvements to the building will continue for Electric and Water utility functions, as needed. | No activity in the 3rd quarter. Warehouse restroom and locker room renovations have been placed on hold. | 6/30/2020 | | No Activity This Quarter |
| 42 | 3034 | Distribution System GIS Enhancement | 9,413,382 | 7,413,382 | 6,217,343 | 84% | 500,000 | In FY 2019, staff will continue enhancing the electrical distribution GIS; develop new tools, software, and applications to integrate with existing applications/software and support engineering; field operations; system expansion; and the Outage Management System (OMS). | Continued development of tools and enhancements within GIS to generate Circuit Maps. | 6/30/2023 | | Ongoing |
| 43 | 3222 | Emergency Transmission and Distribution System Replacements | 2,500,000 | 500,000 | 484,208 | 97% | 500,000 | In FY 2019, emergency replacements to the transmission/distribution system will be completed on an as needed basis. | 15 Emergency replacement projects were issued in the 3rd quarter to address transformer and splice failures. | 6/30/2025 | | Ongoing |
| 44 | 3224 | Production Cost Model Software | 100,000 | 100,000 | 3,858 | 4% | 100,000 | In FY 2019, software will be procured and the implementation consultant will begin development of the database and provide user training. | No reportable activity in the 3rd quarter due to the prioritization of other projects. The procurement of new Production Cost Modeling Software is undergoing reassessment and work plan has been suspended. | 6/30/2020 | | No Activity This Quarter |
| 45 | 3028 | Records and Drawings Automation | 1,798,855 | 1,798,855 | 1,493,159 | 83% | 100,000 | In FY 2019, drafting standards will be developed, complete with AutoCAD profile, to define a consistent tool pallet of construction units and support a standardized process for utility construction design, improving the accuracy of estimating project resource needs. Additionally, existing records will be converted to AutoCAD. | Enhancements to software continued to automate daily conversion of GIS maps to AutoCAD files. | 6/30/2019 | | Ongoing |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46 | 3197 | Rainwater Capture and Recycling | 745,000 | 536,000 | 3,395 | 1% | 160,000 | In FY 2019, a feasibility study for a rainwater collection system will begin. | No activity in the 3rd quarter. Pending finalization of the Art Center's Master Plan for collaboration on rain and waste water collection project partnership. | 6/30/2019 | | No Activity This Quarter |
| 47 | 3140 | Work Order Management System - Power Department | 1,768,278 | 1,368,278 | 1,148,439 | 84% | 100,000 | In FY 2019, staff will develop and integrate a compatible unit program with a scheduling planner to facilitate efficient and cost effective monitoring on the progress of multiple simultaneous projects. | Initiated data collection and development of a high level requirements document for a Work Order Management System. | 6/30/2023 | 6/30/2021 | Planning |
| 48 | 3179 | Azusa Hydro Upgrades and Replacements | 4,710,357 | 1,820,357 | 1,959,852 | 108% | 445,000 | In FY 2019, improvements to the conduit is planned based on the assessment completed in FY 2018. In addition, miscellaneous upgrades and replacements will be completed on an as needed basis. | Project work on Azusa Conduit tunnel extensions was completed in the 1st quarter. | 6/30/2019 | | Completed |
| 49 | 3168 | Installation of Fiber Optic Services | 1,300,000 | 1,100,001 | 845,054 | 77% | 50,000 | In FY 2019, staff will complete the design, purchase, installation, and testing of splice points to connect Distribution Automation (DA) equipment. In addition, crews will support customer interconnections, maintenance, and repair to City and PWP fiber optic cables. | No activity in third quarter. Work is completed on an as needed basis. | 6/30/2025 | | No Activity This Quarter |
| 50 | 3225 | Electric Vehicle Charging Infrastructure | 700,000 | 2,600,000 | 960,923 | 37% | 200,000 | In FY 2019, EVSE (charging stations) will be procured and installed throughout the City. | 29 Level 2 EV chargers and 2 DC fast chargers at the City Yards were made operational, and engineering design and planning for 20 DC fast chargers at Marengo Garage are in progress. An RFP for Holly Garage chargers was published on 1/31/2019. Vendor proposals have been received and evaluated. Contract award is anticipated in the 4th quarter. | 6/30/2023 | | Construction |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51 | 3133 | Economic Rehabilitation of Properties | 5,578,614 | 2,278,614 | 1,763,740 | 77% | 300,000 | In FY 2019, the seismic retrofit design for the Santa Anita Substation will be completed. | FEMA Hazard Mitigation Grant Program (HMGP) application for the seismic retrofit of Santa Anita Receiving Station was initiated and will be submitted to the California Office of Emergency Services (Cal OES) in the 4th quarter. The seismic retrofit designs will be delayed, subject to the approval of FEMA grant. | 6/30/2025 | | Ongoing |
| 52 | 3158 | Power Facility Wastewater Treatment and Disposal | 955,930 | 815,930 | 120,911 | 15% | 250,000 | In FY 2019, upgrades to storm drain openings, wastewater treatment, and disposal will be completed on an as-needed basis. | No reportable activity in the 3rd quarter. Procurement for Broadway Catch Basin upgrade continued; Contract is anticipated in FY 2020. | 6/30/2020 | | No Activity This Quarter |
| 53 | 3015 | Substation Capacitor Banks | 3,682,635 | 3,442,635 | 3,328,145 | 97% | 60,000 | In FY 2019, capacitor cans and interrupters will be replaced based on system needs. | No activity in the 3rd quarter. Work is completed on an as needed basis. | 6/30/2025 | | No Activity This Quarter |
| 54 | 3206 | Redevelopment of Generation Site (Phase I) | 430,000 | 430,000 | 0 | 0% | 200,000 | In FY 2019, contractors will begin preliminary planning and analysis of the site. | No activity in the 3rd quarter due to the prioritization of competing projects. Project delayed until FY 2023. | 6/30/2019 | | No Activity This Quarter |

## Technology Projects

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 71149 | Enterprise Resource Planning System (Financial and Human Resources) | 8,821,358 | 8,420,000 | 8,300,360 | 99% | 700,000 | The project will be completed in FY 2019. | Phase 2 – Human Resources/Payroll planning, design, and configuration activities continued in third quarter. Key project and payroll staff have successfully validated all time card submissions for the first citywide test, including successfully validating the earnings for each employee as part of the testing criteria, which took longer than expected. Payroll processing for this testing round will continue, and the results will be presented to the project's Executive Steering Committees early in the fourth quarter. The anticipated go live date for the Payroll and HR modules is now expected in the first quarter of FY 2020. | 12/31/2018 | 3/31/2019 | Construction |
| 2 | 71161 | Enterprise - Electronic Timekeeping & Scheduling System | 250,000 | 152,153 | 143,633 | 94% | 0 | This project will be completed in FY 2019. | The vendor continues to make configuration updates as a result of the validation of citywide testing results associated with overtime, shift pay, holiday rules, accruals, Telestaff, cost accounting, and reporting. This project will conclude in conjunction with the completion of the ERP project, CIP 71149. | 12/31/2018 | 3/31/2019 | Construction |
| 3 | 71152 | Land Management System (LMS) Replacement | 4,866,225 | 4,607,589 | 3,702,361 | 80% | 600,000 | Phase 1 will go live in early FY 2019, while Phase 2 (Online Plan Submission) and Phase 3 (Public Works, Public Health, Fire, and other inspection functions) will go live towards the end of FY 2019. | During third quarter, ninety percent of the core business reports were completed and tested. Integration issues between the Tyler Munis financial system and EnerGov were resolved and successfully demonstrated by the vendor. End-to end testing began, and End User Training is expected to begin, as business readiness activities commence. In addition, the Questys data conversion and migration approach was successfully tested by the vendor. | 6/30/2019 | | Construction |

# Capital Improvement Program
## FY 2019 Quarter Monitoring Report
## Activity Through March 31, 2019

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 71157 | DoIT Equipment Life Cycle Replacement FY 2015 - 2019 | 7,739,584 | 7,739,584 | 3,959,212 | 51% | 700,000 | In FY 2019, annual system life cycle replacement of hardware and software will continue. | Network and Server Infrastructure Equipment replacements continued, including completion of the City's Virtual Private Network (VPN) and Water & Power (PWP) Dispatch Data Center Core Lifecycle Replacement, City Hall Firmware Update, and the PWP backup data center project. Software upgrades for the Virtual Desktop Infrastructure (VDI) environment were completed. Ongoing hardware replacement of systems, servers and datacenter assets continued as part of planned lifecycle replacements. | 6/30/2019 | | Ongoing |
| 5 | 71811 | Police Jail Access Control and Monitoring System Replacement | 537,500 | 537,500 | 0 | 0% | 275,000 | Implementation will continue in FY 2019. | Work on this project was deferred so staff resources could assist with preliminary research on a high priority project in the Police Department to replace the Computer Aided Dispatch and Records Management System. Work is scheduled to resume in the fourth quarter. | 6/30/2019 | | Planning |
| 6 | 71159 | Police Mobile Data Computer Replacement | 270,000 | 220,000 | 152,940 | 70% | 0 | Replacement of the Fire vehicle mobile data computers will begin when funding is identified. | Project completed in second quarter. | 6/30/2019 | | Completed |
| 7 | 71164 | Fire Mobile Data Computer and Data Connectivity Upgrades | 100,000 | 51,840 | 0 | 0% | 0 | This project will begin when funds are identified and in coordination with the implementation of the new Verdugo Computer Aided Dispatch (CAD) system. | Verdugo Communications selected a vendor, and the scope of work was refined by all the participating agencies. The scope of work and project estimates will be developed and procured in fourth quarter for implementation in the first quarter of FY 2020. | N/A | | Planning |

| Priority | Project# | Project Name | Total Estimated Cost | Appropriation Thru FY 2019 | Expenditures Life of Project | % of Appropriations Spent To Date | FY 2019 Anticipated Expenditures | FY 2019 Workplan Schedule | Status Update | Target Completion Date | Revised Completion Date | Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 71212 | City Fiber Network Expansion | 7,417,262 | 2,547,912 | 1,655,219 | 65% | 650,000 | In FY 2019, work will include: planning and implementation of network build-out in eastern areas of the City; planning for additional west and northwest Pasadena network expansion; as well as last mile connections to City facilities, utility and transportation infrastructure, and economic development targets. | Fiber installation work concluded for the La Loma Road fiber extension and Heliport projects, and splicing work to connect the new fiber is ongoing. Work to extend fiber to several additional City facilities and utility monitoring sites also kicked off this quarter. | 6/30/2019 | | Ongoing |
| 10 | 71151 | Enterprise Content Management System | 2,000,000 | 800,791 | 725,365 | 91% | 75,000 | In FY 2019, the remaining document databases on the legacy document management system will be migrated into the new system. Expansion of ECMS capabilities to additional City departments will be considered in future phases contingent upon adequate funding. | The full migration of permitting and other land management records will occur in fourth quarter once the Land Management System replacement project's go-live date is set pending the completion of end-to-end testing. Other department databases will be migrated as time permits. | 6/30/2019 | | Ongoing |
| 11 | 71163 | Enterprise - Building Security Management | 1,000,000 | 100,000 | 0 | 0% | 100,000 | In FY 2019, work will commence on the building access control system replacement in the Police Department. Building security enhancements at other locations identified in this project will begin when additional funds are identified. | Installation of surveillance and access-control systems at the Robinson Park Recreation Center was completed in third quarter. Access control and video surveillance upgrades will begin at the Community Health Center in fourth quarter. Project estimates were completed for both the City Hall access-control and Library surveillance and access-control systems, which will begin when funding is appropriated. | 6/30/2019 | | Ongoing |