



# **RIVERSIDE PUBLIC UTILITIES**

## **Board Memorandum**

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**BOARD OF PUBLIC UTILITIES**

**DATE: JUNE 27, 2016**

**GENERAL MANAGER'S REPORT**

**ITEM NO: 17**

# **Riverside Public Utilities**

## **Open Work Orders Greater than \$200,000**

### **May 2016**

**Public Utilities Riverside**  
**Work Order Summary - Electric Fund**  
**as of May 31, 2016**

| Project / Subproject or WO | Outside Design Work | Outside Field Work | Job Title | Board Approval Date | Board Approved Estimate | Job Estimate<br>"Project/WO" | Life to Date<br>Total as of<br>5/31/2016 | Available Balance | Last Activity Date | Job Status<br>(Based on Board Est.) |             | Contact | COMMENTS |
|----------------------------|---------------------|--------------------|-----------|---------------------|-------------------------|------------------------------|--|-------------------|--------------------|-------------------------------------|-------------|---------|----------|
|                            |                     |                    |           |                     |                         |                              |  |                   |                    | % Spent                             | % Completed |         |          |

Recap of open Work Orders/Projects with Budgeted or Actual expenditures > \$200,000

|             |     |     |   |          |           |           |           |         |          |      |     |            |  |
|-------------|-----|-----|---|----------|-----------|-----------|-----------|---------|----------|------|-----|------------|--|
| 100051 / 04 | no  | yes | UA 21272 - Caltrans 91 HOV - Various Relocation Projects (WO 1022592 & 1119435-1119445) | 01/21/11 | 4,321,774 | 4,321,774 | 3,482,051 | 839,723 | 05/12/16 | 81%  | 95% | Ong        | As-built and depreciation.   |
| 080022 / 01 | no  | yes | Wood Streets Streetlights Phase I (WO 809099 & 0809101)                                 | 10/18/13 | 1,909,600 | 1,909,600 | 1,791,660 | 117,940 | 03/01/16 | 94%  | 90% | Revuelta   | Pending paving that will be completed by PW department. Summer 2016.   |
| 070016 / 10 | no  | no  | Tract 32772-1 UG Service to 56 Lots- La Sierra and Indiana (WO 0706369 & 0706370)       | 08/17/07 | 200,000   | 200,000   | 107,694   | 92,306  | 11/07/13 | 54%  | 90% | Marshall   | 5 homes pending construction and electric service installations, construction is ongoing. Anticipated to be completed by May 2016. For now this project is partial release. Will field this project to see if there is any other construction that is not complete. The tract is not ready to close. The parking lot at the model home is an active lot as well as the empty lot across the street from the models. The developer, Tri-Point, is getting ready to start the final build out on those 2 lots. |
| 070016 / 07 | yes | yes | T-29596 UG Electric Service to 116 Lots at Krameria Ave (WO 0704432 & 0704434)          | 07/20/07 | 500,000   | 500,000   | 468,292   | 31,708  | 03/13/14 | 94%  | 95% | Marshall   | 8 homes pending construction and electric service installations, construction is ongoing. Anticipated to be completed by May 2016.   |
| 070016 / 02 | no  | no  | Tract 29515 Phase 2 (47 SFR) Lots 39-85 & Sewer Lift Station (WO 0702819 & 0702820)     | 11/16/07 | 345,000   | 345,000   | 344,427   | 573     | 11/01/15 | 100% | 99% | Balderrama | Service cables have been installed to pie plated meter panels on 09/12/2015. Waiting for as-builts.  |

|   |     |     |   |          |            |            |            |            |          |      |      |          |   |
|---|-----|-----|---|----------|------------|------------|------------|------------|----------|------|------|----------|---|
| Project 050009 : Conceptual Design Of Transmission Substation |     |     |   |          |            |            |            |            |          |      |      |          |   |
| WO 642975   | yes | yes | 230 KV Station Conceptual Design  | 03/05/15 | 42,605,521 | 42,605,521 | 24,517,197 | 18,088,324 | 05/25/16 | 58%  | 15%  | Torelli  | The EIR for RTRP was certified by Council on 02/05/2013. Engineering and easement acquisitions progressing. SCE seeking CPCN. RPU & SCE working jointly to obtain regulatory permits and approvals. Estimated construction start is 2nd quarter 2017. |
| WO 0812940  | yes | yes | 69 KV Station Conceptual Design   | 11/06/09 | 22,500,000 | 14,088,844 | 9,737,503  | 4,351,341  | 04/22/16 | 69%  | 99%  | Torelli  | Construction completed 05/31/2014. 9 days ahead of schedule. Remaining work - Substation as-builts and joint pole work by AT&T along Chicago Ave.   |
| WO 1021987  | yes | yes | Phase 1A OH Installation of 3 Poles on Tenth St from Commerce to Park for the STP Project               | (1)      | (1)        | 64,000     | 63,362     | 638        | 03/17/11 | 99%  | 100% | Politte  | Closed 08/31/2011.  |
| WO 1021988  | yes | yes | Phase 1A UG Installation on Tenth St. from Commerce to Park for the STP Project                         | (1)      | (1)        | 760,000    | 763,590    | (3,590)    | 08/18/11 | 100% | 100% | Politte  | Closed 02/01/2012.  |
| WO 1022853  | no  | yes | Phase 1B OH Distribution Work Tenth St from Park Ave to Victoria Ave                                    | (1)      | (1)        | 175,000    | 172,278    | 2,722      | 06/21/12 | 98%  | 100% | Politte  | Closed 07/09/2012.  |
| WO 1022854  | no  | yes | Phase 1C OH Distribution Work - Pole Line from Tenth & Commerce to Twelfth St & Chicago for STP Project | 07/16/10 | 1,500,000  | 1,500,000  | 1,734,788  | (234,788)  | 03/20/12 | 116% | 100% | Cardenas | Closed 06/18/2012.  |
| WO 1022905  | no  | yes | STP for Overhead to Underground at Martin Luther and Chicago, also along Ohio and Chicago Ave           | (1)      | (1)        | 500,000    | 500,166    | (166)      | 05/12/11 | 100% | 100% | McLaury  | Closed 03/06/2012, waiting for formal closure of this entire STP Project.   |
| WO 1107488  | no  | no  | Phase II STP - Vine St Poles  | (1)      | (1)        | 9,000      | 9,018      | (18)       | 01/26/11 | 100% | 100% | Politte  | Closed 03/21/2012.  |
| WO 1111059  | yes | yes | STP Phase 2   | (1)      | (1)        | 7,000,000  | 5,326,618  | 1,673,382  | 09/30/14 | 76%  | 100% | Politte  | Closed 10/14/2014.  |
| Total 050009 / 01:  |     |     |   |          |            | 66,702,365 | 42,824,520 | 23,877,845 |          |      |      |          |   |

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|----------------------------|---------------------|--------------------|---|---------------------|-------------------------|------------------------------|---------------------------------------|-------------------|--------------------|-------------------------------------|-------------|-----------------|---|
|                            |                     |                    |   |                     |                         |                              |                                       |                   |                    | % Spent                             | % Completed |                 |   |
| WO 1619634                 | no                  | no                 | Electric ODMS Portion of Enterprise Agreement with OSIssoft.  | 05/09/16            | 2,312,000               | 2,312,000                    | -                                     | 2,312,000         | 05/09/16           | 0%                                  | 0%          | CJSmith         | Board Item #8 approved on 05/09/2016.   |
| WO 1603079                 | yes                 | no                 | Springs & Orangecrest Substations 69 kV Breaker and Relay Replacement Project   | 02/19/16            | 1,700,000               | 1,700,000                    | 24,773                                | 1,675,227         | 05/19/16           | 1%                                  | 0%          | Wang            | Board Item #6 approved on 02/19/2016.   |
| <b>WO 1601113</b>          | <b>no</b>           | <b>no</b>          | <b>Purchase &amp; sale agreement to acquire 1.5 acres of vacant land located between Indiana Avenue &amp; Gibson Street in connection with the Freeman Substation Expansion Project</b> | <b>09/18/15</b>     | <b>402,040</b>          | <b>402,040</b>               | <b>-</b>                              | <b>402,040</b>    | <b>No Activity</b> | <b>0%</b>                           | <b>0%</b>   | <b>Alvarez</b>  | <b>Board Item # 4 approved on 09/18/2015 and City Council on 09/22/15. Transaction closed on 11/05/15. Will close WO following minor accounting correction.</b> |
| WO 1525536                 | no                  | yes                | Electrical Feeder Extension on Diana Ave Between Adams St and Monroe St   | 01/22/16            | 850,000                 | 850,000                      | 22,721                                | 827,279           | 05/20/16           | 3%                                  | 0%          | Troncoso        | Beginning stages. In construction.  |
| WO 1523107                 | yes                 | yes                | Installation of Pad-Mounted switch on Tyler Street near Diana Avenue  | 09/18/15            | 332,000                 | 332,000                      | 201,543                               | 130,457           | 05/19/16           | 61%                                 | 95%         | DeStefano       | Board Item # 3 approved on 09/18/2015. As-built in process.   |
| WO 1521822                 | yes                 | yes                | Plaza Substation 4 kV to 12kV conversion Circuit 456  | 09/18/15            | 933,000                 | 933,000                      | 79,994                                | 853,006           | 04/21/16           | 9%                                  | 0%          | Hironimus       | Board Item # 6 approved on 09/18/2015. Released to UOC. Estimated CSD 2nd Qtr 2016.   |
| <b>WO 1521820</b>          | <b>no</b>           | <b>no</b>          | <b>Plaza Substation 4 kV to 12kV conversion Circui</b>  | <b>09/18/15</b>     | <b>1,446,000</b>        | <b>1,446,000</b>             | <b>109,591</b>                        | <b>1,336,409</b>  | <b>03/01/16</b>    | <b>8%</b>                           | <b>0%</b>   | <b>Valdez</b>   | <b>Board Item # 5 approved on 09/18/2015. Issued to field crew.</b>   |
| WO 1518525                 | no                  | yes                | Underground Electrical Installation at Jurupa Avenue Between Rutland and Crest Avenues for New Tract 28987  | 11/06/15            | 320,000                 | 320,000                      | 13,750                                | 306,250           | 05/31/16           | 4%                                  | 0%          | Nunez           | Still active - issued to construction - 05/31/2016.   |
| WO 1514752                 | yes                 | yes                | Mobile Substation #3 - RFP 1576   | 05/23/16            | 2,198,993               | 2,198,993                    | 39,736                                | 2,159,257         | 05/26/16           | 2%                                  | 0%          | Megala          | Board Item #18 approved on 05/23/2016, PO in progress.  |
| WO 1511213                 | no                  | yes                | Load Tap Changer (LTC) Replacement, Substation Transformer Testing, and Instrumentation Upgrade Project   | 11/06/15            | 3,200,000               | 3,200,000                    | 277,387                               | 2,922,613         | 05/19/16           | 9%                                  | 1%          | Megala          | Shop drawings approved. Transformer testing is scheduled on January 6, 2016. Construction in progress.  |
| WO 1508419                 | no                  | yes                | Upgrade Fiber Optic Cable Network to City Hall  | 06/19/15            | 470,000                 | 470,000                      | 473,490                               | (3,490)           | 05/19/16           | 101%                                | 70%         | Gutierrez       | Fiber Optic cable installation. Termination and path rerouting in progress.   |
| <b>WO 1505427</b>          | <b>no</b>           | <b>yes</b>         | <b>Underground Vault Replacement</b>  | <b>11/21/14</b>     | <b>213,000</b>          | <b>213,000</b>               | <b>179,013</b>                        | <b>33,987</b>     | <b>03/01/16</b>    | <b>84%</b>                          | <b>80%</b>  | <b>Cardenas</b> | <b>Civil work complete. Released to crews.</b>  |
| WO 1504019                 | yes                 | no                 | Freeman Substation Breaker Replacement Project  | 10/03/14            | 641,121                 | 641,121                      | 686,054                               | (44,933)          | 04/26/16           | 107%                                | 100%        | Ramirez         | As-built drawings in progress.  |
| WO 1503125                 | no                  | yes                | Magnolia Substation Circuit 46 4 KV to 12 KV Conversion, Overhead and Underground Project   | 04/17/15            | 1,833,000               | 1,833,000                    | 667,734                               | 1,165,266         | 05/25/16           | 36%                                 | 5%          | Politte         | Board approved 04/01/2015. Construction began in June 2015. In construction.  |
| WO 1503115                 | no                  | yes                | Pole and Overhead Switch Replacement on the Freeman-Kaiser-Harvey Lynn 69kV Transmission Line   | 12/18/15            | 300,000                 | 300,000                      | 170,944                               | 129,056           | 05/10/16           | 57%                                 | 5%          | McLaury         | In construction.  |
| WO 1502504                 | no                  | yes                | Riverside Substation Bay 4 Breaker Replacement Project  | 09/19/14            | 382,351                 | 382,351                      | 421,150                               | (38,799)          | 05/11/16           | 110%                                | 95%         | Fuentes         | Filing as-built drawings completed.   |
| <b>WO 1502322</b>          | <b>no</b>           | <b>yes</b>         | <b>Underground Switch Replacement</b>   | <b>11/21/14</b>     | <b>245,000</b>          | <b>245,000</b>               | <b>265,026</b>                        | <b>(20,026)</b>   | <b>03/01/16</b>    | <b>108%</b>                         | <b>70%</b>  | <b>Politte</b>  | <b>All tasks are completed with the exception of Task 4 Contract Admin., still waiting for a response in regards to final invoicing from Contract Admin.</b>    |

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|                            |                     |                    |   |                     |                         |                           |                                    |                   |                    | % Spent                             | % Completed |               |  |
| WO 1501824                 | yes                 | no                 | Plaza Substation 4 kV to 12kV conversion Circuit 454  | 09/18/15            | 1,264,000               | 1,264,000                 | 61,635                             | 1,202,365         | 03/01/16           | 5%                                  | 0%          | Ong           | Board Item # 7 approved on 09/18/2015. Construction ongoing.   |
| WO 1423746                 | no                  | yes                | Fiber Use License Agreement With County of Riverside  | 01/22/16            | 325,000                 | 325,000                   | 30,619                             | 294,381           | 05/19/16           | 9%                                  | 5%          | Gutierrez     | Detail design in progress.   |
| WO 1420551                 | no                  | yes                | Circuit 1219 Feeder Loop Project  | 10/03/14            | 692,965                 | 692,965                   | 554,683                            | 138,282           | 04/21/16           | 80%                                 | 100%        | DeStefano     | Finished. Pending close out process.   |
| WO 1411795                 | no                  | yes                | Magnolia4 kV to 12 kV Underground Conversion  | 04/02/15            | 2,250,000               | 2,250,000                 | 1,371,051                          | 878,949           | 05/21/16           | 61%                                 | 90%         | Villavicencio | Formal Bid #7300 - Contracted to H. Weissker Inc. Project started 10/26/2015 ended for Holidays 11/19/2015 and resumed construction 01/04/2016.                                    |
| WO 1411145                 | no                  | yes                | La Colina Substation Switchgear 3 & 4 Relay Replacement Project   | 03/21/14            | 534,051                 | 534,051                   | 56,814                             | 477,237           | 04/07/16           | 11%                                 | 15%         | Megala        | Consultant is preparing the 60% drawing design package.  |
| WO 1410983                 | no                  | yes                | Pellisier Ranch Solar Photovoltaic Project  | 12/20/13            | 250,000                 | 250,000                   | 143,299                            | 106,701           | 11/09/15           | 57%                                 | 5%          | Yamamoto      | Project cancelled; PO and WO to be closed out.   |
| WO 1409723                 | no                  | yes                | Conduit and Cable Replacement for Canyon Crest Area Circuit 1215  | 11/06/15            | 1,175,000               | 1,175,000                 | 248,896                            | 926,104           | 05/20/16           | 21%                                 | 50%         | Villavicencio | Substructure work awarded to HLE, pre-con on 12/17/2015. Notice to proceed given on 02/10/2016, Construction on-going.   |
| WO 1326801                 | no                  | yes                | Plaza Substation Expansion and Public Works Riverside Avenue Grade Separation Projects  | 03/21/14            | 1,446,454               | 1,446,454                 | 1,185,464                          | 260,990           | 03/11/16           | 82%                                 | 95%         | Hironimus     | WO complete. Waiting on final as-builts.   |
| WO 1325480                 | no                  | yes                | Relocation of Electric Facilities along Cole Ave from Lurin to Krameria Ave   | 06/06/14            | 239,735                 | 239,735                   | 218,503                            | 21,232            | 03/18/16           | 91%                                 | 85%         | Barnes        | As-built received from cabling contractor - waiting to receive as-built from conduit-structures contractor.  |
| WO 1319390                 | no                  | yes                | Magnolia 4 kV to 12 kV Conversion Overhead Project  | 09/19/14            | 1,577,100               | 1,577,100                 | 1,711,376                          | (134,276)         | 05/25/16           | 109%                                | 94%         | Valdez        | Underground structure work complete. Waiting for cable to be pulled.   |
| WO 1311245                 | no                  | yes                | Line Protection Relay Replacement and Substation Automation System Upgrade Project  | 03/21/14            | 1,925,805               | 1,925,805                 | 1,032,323                          | 893,482           | 05/16/16           | 54%                                 | 65%         | Megala        | The design and procurement is nearly complete.   |
| WO 1309568                 | no                  | yes                | Distribution Automation Program   | 01/18/13            | 960,000                 | 960,000                   | 419,813                            | 540,187           | 05/19/16           | 44%                                 | 25%         | Valdez        | Board approved Ingenu Communication System. Access Point on hold due to other communication project taking priority.   |
| WO 1227700                 | no                  | yes                | Magnolia - Plaza Reliability Project Phase I  | 11/07/14            | 6,700,000               | 6,700,000                 | 6,740,682                          | (40,682)          | 05/24/16           | 101%                                | 96%         | Megala        | Construction in progress.  |
| WO 1211641                 | no                  | yes                | 5950 Acorn Ave Water Treatment Plant Phase II of Electrical Service Upgrade   | 04/06/12            | 237,000                 | 237,000                   | 228,769                            | 8,231             | 12/03/15           | 97%                                 | 85%         | Ayala         | Ducts and structures are installed. Transformers are set and small portion of cable to be pulled by May 2016.  |
| WO 1202319                 | no                  | yes                | Riverside Ave RR Grade Separation Project   | 11/15/13            | 616,200                 | 616,200                   | 690,086                            | (73,886)          | 05/05/16           | 112%                                | 95%         | Hironimus     | Project 95% complete, OH shoofly to be removed.  |
| WO 1104202                 | no                  | no                 | CIS Replacement Project   | 06/01/12            | 8,859,000               | 8,859,000                 | 8,044,449                          | 814,551           | 05/19/16           | 91%                                 | 87%         | Tavaglione    | System is now live, working on post go-live fixes and enhancements.  |
| WO 1024965                 | yes                 | yes                | Electronic Security Monitoring and Access Control Project   | 09/16/11            | 5,000,000               | 5,000,000                 | 4,967,041                          | 32,959            | 05/20/16           | 99%                                 | 90%         | Butala        | Plaza sub security system installation in progress.  |
| WO 1024305                 | yes                 | yes                | Planning, Engineering, Training & Consulting Services for Electric SCADA System Hardware & Software Upgrades                                | 02/20/15            | 2,888,307               | 2,888,307                 | 2,813,927                          | 74,380            | 05/24/16           | 97%                                 | 99%         | Nguyen        | Work Completion Date was accepted on 11/16/2015. At this time the Project is seeking Board approvals for new Scopes of Work, enabling full use of the OpenNET and OpenOTS modules. |
| WO 1022593                 | yes                 | yes                | UA 21975 - Caltrans 91 HOV - Relocate Existing Electric Facilities along SR 91 at Jefferson St, Brockton Ave, Boxwood Place and 10th Street | 08/05/11            | 1,378,434               | 1,378,434                 | 162,529                            | 1,215,905         | 03/17/14           | 12%                                 | 25%         | Ong           | As-built and depreciation.   |
| WO 1022591                 | yes                 | yes                | UA 21979 - Caltrans 91 HOV - Arlington Ave Relocation Project   | 01/21/11            | 1,061,490               | 1,061,490                 | 242,580                            | 818,910           | 11/01/15           | 23%                                 | 95%         | Ong           | As-built and depreciation.   |
| WO 1022589                 | yes                 | yes                | UA 21205 - Relocation of Electric Facilities Along State Route 91   | 12/16/11            | 2,210,986               | 2,210,986                 | 2,081,831                          | 129,155           | 10/14/14           | 94%                                 | 95%         | Ong           | As-built and depreciation.   |
| WO 1022588                 | yes                 | yes                | UA 21217 - Relocation of Electric Facilities Along State Route 91   | 06/18/10            | 2,393,030               | 2,393,030                 | 2,167,963                          | 225,067           | 06/30/15           | 91%                                 | 95%         | Ong           | As-built and depreciation.   |

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|----------------------------|---------------------|--------------------|---|---------------------|-------------------------|---------------------------|------------------------------------|-------------------|--------------------|----------------------------------|-------------|----------|---|
|                            |                     |                    |   |                     |                         |                           |                                    |                   |                    | % Spent                          | % Completed |          |   |
| WO 1020992                 | yes                 | no                 | Seismic Upgrades at La Colina & Hunter Substations            | 05/03/13            | 649,885                 | 649,885                   | 392,108                            | 257,777           | 08/28/14           | 60%                              | 98%         | Wang     | Project on hold. La Colina was completed. Minimum fix for Hunter. Hunter will be revisited later.   |
| WO 1016331                 | yes                 | yes                | Tequesquite Landfill Solar PV Project                         | 02/07/14            | 1,192,727               | 1,192,727                 | 769,206                            | 423,521           | 05/19/16           | 64%                              | 60%         | Yamamoto | Solar construction completed; WO to be kept open for potential future environmental work.   |
| WO 1014286                 | no                  | no                 | Streeter Ave RR Grade Separation from Lantana St to Beatty Dr | 10/19/12            | 1,338,673               | 1,338,673                 | 1,547,669                          | (208,996)         | 03/01/16           | 116%                             | 100%        | Politte  | Project completed; waiting on contractors as-builts and final contractor billing.   |
| WO 0913192                 | yes                 | yes                | Tyler Street Widening Project                                 | 08/07/15            | 816,000                 | 816,000                   | 470,771                            | 345,229           | 05/26/16           | 58%                              | 25%         | Politte  | PW Road Improvement Project: Contractor awarded with RPU Board approval, under construction.  |
| WO 644134                  | no                  | yes                | 12kV Line Extension 17 SFR T-27824 JFK & Chicago Streets      | 11/03/06            | 415,000                 | 415,000                   | 137,226                            | 277,774           | 08/28/14           | 33%                              | 80%         | Marshall | 5 homes pending construction and electric service installations. Construction is currently ongoing and anticipated to be completed by May 2016. |

Total Electric Fund - Open Work Orders

|             |            |            |
|-------------|------------|------------|
| 140,154,086 | 91,142,863 | 49,011,223 |
|-------------|------------|------------|

Notes:

(1) This work is part of Project 050009 & included within the \$24,000,000 authorized by PU Board.

Items in [BLUE](#) represent work orders with no activity in the last 60 days.



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|--|---|---------------------|-------------------------|--------------|-------------------------------------|-------------------|--------------------|----------------------------------|-------------|---------|---|
|  |   |                     |                         |              |                                     |                   |                    | % Spent                          | % Completed |         |   |
| Recap of open work orders with Budgeted or Actual expenditures > \$200,000 |   |                     |                         |              |                                     |                   |                    |                                  |             |         |   |
| 1112059  | UA 21702 - Ivy St Bridge - Caltrans SR-91 HOV Project   | 08/19/11            | 1,600,000               | 1,600,000    | 1,307,079                           | 292,921           | 05/12/16           | 82%                              | 100%        | LF      | Project complete. Pending final project close-out.  |
| 1112062  | UA 21699 - Miscellaneous Utility Relocations - Caltrans SR-91 HOV Project   | 11/18/11            | 1,555,000               | 1,555,000    | 417,993                             | 1,137,007         | 05/12/16           | 27%                              | 90%         | LF      | Project is in construction, ongoing until end of SR91 HOV project completion in 2016.   |
| 1202806  | The Riverside North Aquifer Storage & Recovery Project  | 10/07/11            | 1,800,000               | 1,800,000    | 658,221                             | 1,141,779         | 05/16/16           | 37%                              | 10%         | MP      | Partners Consultants reviewing validation report.   |
| 1323229  | Cook Booster Station Replacement Project  | 07/18/14            | 1,542,500               | 1,542,500    | 1,461,123                           | 81,377            | 05/05/16           | 95%                              | 99%         | EE      | Construction complete, pending project close-out.   |
| 1406072  | Magnolia Avenue Techite Pipe Replacement Project  | 05/09/16            | 1,010,804               | 1,010,804    | 812,216                             | 198,588           | 05/09/16           | 80%                              | 100%        | TS      | NOC was filed on 03/01/2016. Change order pending.  |
| 1408503  | Thorne 12 Well Rehabilitation Project   | 10/02/15            | 305,050                 | 305,050      | 188,652                             | 116,398           | 05/05/16           | 62%                              | 50%         | EE      | Project in progress. SEC is preparing revised plans for the electrical feed. Estimated completion by 05/30/2016.                  |
| 1415931  | Construction of the California and Monroe Water Main Replacement Project  | 12/12/14            | 973,500                 | 973,500      | 802,196                             | 171,304           | 04/21/16           | 82%                              | 95%         | TS      | Project is delayed over 290 days. It is in LDs; now in the last Phase III. Punch list items yet to be completed as of 06/02/2016. |
| 1424014  | Construction of the Gratton Booster Station Replacement Project   | 01/23/15            | 1,311,100               | 1,311,100    | 1,005,691                           | 305,409           | 05/05/16           | 77%                              | 95%         | LF      | Under construction. Estimated completion by June 2016.  |
| 1424073  | Water Asset Management ( Software Procurement from OSI Soft and Consulting Services from Westin Engineering Inc for Implementation of Operations Data Management System). | 06/20/14            | 2,530,400               | 2,530,400    | 1,725,010                           | 805,390           | 05/18/16           | 68%                              | 60%         | CJ      | Contract executed. This is a 3 year project. Gaurav Agarwal in ODMS is heading up this project.                                   |
| 1501422  | Construction of the Brunton 1-R Well Project (Phase I & II)   | 01/23/15            | 2,549,900               | 2,549,900    | 2,209,413                           | 340,487           | 05/05/16           | 87%                              | 95%         | LF      | Under construction. Estimated completion by June 2016.  |
| 1503563  | Valverda Water Main Replacement Project   | 08/07/15            | 1,727,000               | 1,727,000    | 915,544                             | 811,456           | 05/17/16           | 53%                              | 70%         | AL      | Field forces estimates completion end of May 2016.  |
| 1504840  | Santa Ana River Habitat Conservation Plan   | 09/05/14            | 325,000                 | 325,000      | -                                   | 325,000           | No Activity        | 0%                               | 0%          | MP      | Under review.   |
| 1507007  | Jasmine and Columbus 12-Inch Water Distribution Main Replacement Project  | 10/03/14            | 679,000                 | 679,000      | -                                   | 679,000           | No Activity        | 0%                               | 0%          | MB      | Under review. Per Matt Bates keep open.   |
| 1508449  | Palmyrita Well - Rehabilitation Projects For 2014-2015  | 11/07/14            | 215,000                 | 215,000      | 1,769                               | 213,231           | 12/16/15           | 1%                               | 0%          | KM      | Active and on-going.  |
| 1511174  | Construction of the Dwight Avenue Water Main Replacement Project  | 08/07/15            | 1,930,000               | 1,930,000    | 502,413                             | 1,427,587         | 05/23/16           | 26%                              | 20%         | AL      | Field forces resumed construction at the end of April 2016.   |
| 1521905  | Jackson Street Recycled Water Pipeline Phase 1  | 01/22/16            | 500,000                 | 500,000      | 380,486                             | 119,514           | 05/05/16           | 76%                              | 99%         | JF      | Phase 1 almost completed. Seeking additional funds.   |
| 1602896  | Construction of the Central Avenue Water Main Replacement Project (Palm to Belinda)   | 10/16/15            | 790,000                 | 790,000      | 562,875                             | 227,125           | 05/05/16           | 71%                              | 70%         | TS      | Paving work completed on 04/22/2016. Payment is under process.  |
| 1602941  | Construction of the Larchwood Place Water Main Replacement Project  | 10/16/15            | 865,000                 | 865,000      | 46,146                              | 818,854           | 05/05/16           | 5%                               | 0%          | BY      | Field Forces to begin end of May 2016.  |
| 1610216  | Construction of the Tree Irrigation System Project  | 02/19/16            | 240,000                 | 240,000      | 310                                 | 239,690           | 03/10/16           | 0%                               | 0%          | EE      | Item approved by Board on 02/19/2016.   |
| 1619634  | Water ODMS Portion of Enterprise Agreement with OSIssoft  | 05/09/16            | 345,000                 | 345,000      | -                                   | 345,000           | 05/09/16           | 0%                               | 0%          | CJ      | Item approved by Board on 05/09/2016.   |

**Total Water Fund - Open Work Orders**

|                   |                   |                  |
|-------------------|-------------------|------------------|
| <b>22,794,254</b> | <b>12,997,137</b> | <b>9,797,117</b> |
|-------------------|-------------------|------------------|

Items in **blue** represent work orders with no activity in the last 60 days.



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

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**BOARD OF PUBLIC UTILITIES**

**DATE: JUNE 27, 2016**

**GENERAL MANAGER'S REPORT**

**ITEM NO: 17**

# Riverside Public Utilities

## Closed Work Order Reports

# May 2016



## OFFICE MEMORANDUM

*City of Arts & Innovation*

Date: June 6, 2016

To: Girish Balachandran  
Public Utilities General Manager

From: Genie Lee  
Interim Senior Accountant

Subject: Closed Work Order Reports

Attached are the Closed Work Order Summary Reports for the month ended May 31, 2016 which includes summarized information on all projects (\$25,000 or greater) for your review. This report will be presented to the Public Utilities Board on June 27, 2016.

A total of \$999,881 with an estimated cost of \$907,000 of Electric work orders closed and a total of \$103,515 with an estimated cost of \$58,372 of Water work orders closed during the month of May.

If you have any questions, please contact me at extension x5286.

CC: Distribution List



Public Utilities Riverside  
Work Order Summary Report - Electric Fund  
As of May 31, 2016

Report Date: 05/31/2016

| Project/Sub.<br>or WO   | Description   | Start Date | End Date   | Fixed Asset<br>Date | Estimated<br>Cost | Work Order<br>Actual | Variance           | % Variance |
|---|---|------------|------------|---------------------|-------------------|----------------------|--------------------|------------|
| <b>Recap of CLOSED Work Orders with Budget or Actual expenditures &gt; \$25,000</b> |   |            |            |                     |                   |                      |                    |            |
| WO 1407582  | Communication System Equipment for Radio Sites                                    | 01/23/2015 | 05/02/2016 | 05/31/2016          | \$ 845,000        | \$ 909,198           | \$ (64,198)        | -7.60%     |
| WO 1417679  | 807 Blaine St.- 55 Unit Apartment Complex   | 02/28/2014 | 04/20/2016 | 04/30/2016          | \$ 29,000         | \$ 38,954            | \$ (9,954)         | -34.32%    |
| WO 1608105  | Smith's Foods - Swap T-body Adapter-Connection Between Circuits<br>1571 and 1574. | 11/17/2015 | 04/16/2016 | 04/30/2016          | \$ 33,000         | \$ 51,729            | \$ (18,729)        | -56.75%    |
| <b>Total Electric Fund - Closed Work Orders</b>                                     |   |            |            |                     | <u>\$ 907,000</u> | <u>\$ 999,881</u>    | <u>\$ (92,881)</u> |            |

Public Utilities Riverside  
Work Order Summary Report - Water Fund  
As of May 31, 2016

Report Date: 05/31/2016

| Work Order<br>Number  | Description  | Start Date | End Date   | Fixed Asset<br>Date | Estimated<br>Cost | Work Order<br>Actual | Variance           | % Variance |
|---|--|------------|------------|---------------------|-------------------|----------------------|--------------------|------------|
| <b>Recap of CLOSED Work Orders with Budget or Actual expenditures &gt; \$25,000</b> |  |            |            |                     |                   |                      |                    |            |
| 1503104   | Dot Landscape Services - 3440 Madison; 6699 Indiana; 3182 Cridge; 3430 Central - New Service and Meter | 08/10/2014 | 05/02/2016 | 05/31/2016          | \$ 5,080          | \$ 34,643            | \$ (29,563)        | -581.95%   |
| 1603718   | 5938 Grand Ave - New Service and Meter   | 08/25/2015 | 05/03/2016 | 05/31/2016          | \$ 21,998         | \$ 32,407            | \$ (10,409)        | -47.32%    |
| 1604830   | 1575 University Ave - New Service and Meter  | 11/03/2015 | 04/29/2016 | 04/30/2016          | \$ 31,294         | \$ 36,465            | \$ (5,171)         | -16.52%    |
| <b>Total Water Fund - Closed Work Orders</b>  |  |            |            |                     | <u>\$ 58,372</u>  | <u>\$ 103,515</u>    | <u>\$ (45,143)</u> |            |