



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

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**BOARD OF PUBLIC UTILITIES**

**DATE: AUGUST 22, 2016**

**GENERAL MANAGER'S REPORT**

**ITEM NO: 12**

# Riverside Public Utilities

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

### July 2016

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

Project / Subproject or WO	Outside Design Work	Outside Field Work	Job Title	Board Approval Date	Board Approved Estimate	Job Estimate <i>"Project/WO"</i>	Life to Date Total as of 7/31/2016	Available Balance	Last Activity Date	Job Status (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	3,508,215	813,559	07/20/16	81%	95%	Ong	As-built and depreciation.
<b>080022 / 01</b>	<b>no</b>	<b>yes</b>	<b>Wood Streets Streetlights Phase I (WO 809099 &amp; 0809101)</b>	<b>10/18/13</b>	<b>1,909,600</b>	<b>1,909,600</b>	<b>1,791,660</b>	<b>117,940</b>	<b>03/01/16</b>	<b>94%</b>	<b>90%</b>	<b>Revuelta</b>	<b>Pending paving that will be completed by PW department. Summer 2016.</b>
<b>070016 / 10</b>	<b>no</b>	<b>no</b>	<b>Tract 32772-1 UG Service to 56 Lots- La Sierra and Indiana (WO 0706369 &amp; 0706370)</b>	<b>08/17/07</b>	<b>200,000</b>	<b>200,000</b>	<b>107,694</b>	<b>92,306</b>	<b>11/07/13</b>	<b>54%</b>	<b>90%</b>	<b>Marshall</b>	<b>5 homes pending construction and electric service installations, construction is ongoing. 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.</b>
<b>070016 / 07</b>	<b>yes</b>	<b>yes</b>	<b>T-29596 UG Electric Service to 116 Lots at Krameria Ave (WO 0704432 &amp; 0704434)</b>	<b>07/20/07</b>	<b>500,000</b>	<b>500,000</b>	<b>468,292</b>	<b>31,708</b>	<b>03/13/14</b>	<b>94%</b>	<b>95%</b>	<b>Marshall</b>	<b>8 homes pending construction and electric service installations, construction is ongoing. Anticipated to be completed by May 2016.</b>
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	344,419	581	06/01/16	100%	99%	Balderrama	Service cables have been installed to pie plated meter panels on 09/12/2015. Waiting for as-builts.

Project 050009 : <i>Conceptual Design Of Transmission Substation</i>													
WO 642975	yes	yes	230 KV Station Conceptual Design	03/05/15	42,605,521	42,605,521	24,653,537	17,951,984	07/14/16	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	9,736,588	4,352,256	06/30/16	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.

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

Project / Subproject or WO	Outside Design Work	Outside Field Work	Job Title	Board Approval Date	Board Approved Estimate	Job Estimate "Project/WO"	Life to Date	Available Balance	Last Activity Date	Job Status (Based on Board Est.)		Contact	COMMENTS
							Total as of 7/31/2016			% Spent	% Completed		
Total 050009 / 01:						66,702,365	42,959,945	23,742,420					
WO 1623473			Electric Asset Management System Project, Amendment to Professional Services Agreement with Westin Engineering, Inc	05/11/16	493,000	493,000	-	493,000	No Activity	0%	0%	Rocco	Board approved on 07/11/2016.
WO 1619634	no	no	Electric ODMS Portion of Enterprise Agreement with OSIsoft.	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 1616413		yes	Extension of Underground Conduits at Plaza Substation on Elizabeth Street	06/27/16	220,000	220,000	12,013	207,987	07/14/16	5%	0%	Hironimus	Waiting for RPU crew to finish up a cable re-installation.
WO 1611216	yes	yes	City wide streetlight -Light emitting diode conversion program	07/25/16	1,150,000	1,150,000	1,545	1,148,455	06/01/16	0%	0%	LaFond	Board approved 07/25/2016.
WO 1606533		yes	Installation of Circuit Tie on Palm Avenue South of Tequesquite Avenue for Circuit 454	06/27/16	228,000	228,000	28,356	199,644	06/02/16	12%	0%	Villavicencio	Board Item # 5 approved on 06/27/2016. Substructure work awarded to HCI (NTP issued 07/20/2016, PW permit signed 07/22/2016).
WO 1603079	yes	no	Springs & Orangecrest Substations 69 kV Breaker and Relay Replacement Project	02/19/16	1,700,000	1,700,000	35,734	1,664,266	07/14/16	2%	0%	Wang	Board Item #6 approved on 02/19/2016.
WO 1601400	yes	yes	Professional Service Agreement for the Substation Switchgear Upgrade Project	07/25/16	5,530,000	5,530,000	11,422	5,518,578	06/01/16	0%	0%	Oduca	Board item approved on 07/25/2016.
WO 1601113	no	no	Freeman Substation Expansion Project - Acquire 1.5 acres of Vacant Land in Connection	09/18/15	402,040	402,040	-	402,040	06/01/16	0%	0%	Alvarez	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.
WO 1525536	no	yes	Electrical Feeder Extension on Diana Ave Between Adams St and Monroe St	01/22/16	850,000	850,000	489,164	360,836	07/28/16	58%	90%	Troncoso	Beginning stages. In construction.
WO 1525067	no	no	Cable Rejuvenation Pilot Project--Test the treatment of underground electric cable to extend it's useful like.	07/25/16	449,000	449,000	33,126	415,874	06/30/16	7%	0%	Politte	Board approved item# 3 on 07/25/2016.
WO 1523107	yes	yes	Installation of Pad-Mounted switch on Tyler Street near Diana Avenue	09/18/15	332,000	332,000	201,826	130,174	06/30/16	61%	95%	DeStefano	Board Item # 3 approved on 09/18/2015. WO closed in SPL, July 2016
WO 1521822	yes	yes	Plaza Substation 4 kV to 12kV conversion Circuit 456	09/18/15	933,000	933,000	62,778	870,222	07/29/16	7%	0%	Hironimus	Board Item # 6 approved on 09/18/2015. Released to UOC. Estimated CSD 2nd Qtr 2016.
WO 1521820	no	no	Plaza Substation 4 kV to 12kV conversion Circuit 456	09/18/15	1,446,000	1,446,000	109,104	1,336,896	06/01/16	8%	0%	Valdez	Board Item # 5 approved on 09/18/2015. Issued to field crew.
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	13,740	306,260	06/01/16	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	39,643	2,159,350	06/30/16	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	2,984,997	215,003	07/14/16	93%	98%	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)	07/26/16	101%	70%	Gutierrez	Second phase to replace existing fiber in progress.

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

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										% Spent	% Completed		
WO 1504019	yes	no	Freeman Substation Breaker Replacement Project	10/03/14	641,121	641,121	684,692	(43,571)	06/01/16	107%	100%	Ramirez	Project completed. Work order close out 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	807,247	1,025,753	07/29/16	44%	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	170,854	129,146	06/01/16	57%	50%	Hironimus	Pending coordination of installation.
WO 1502504	no	yes	Riverside Substation Bay 4 Breaker Replacement Project	09/19/14	382,351	382,351	420,258	(37,907)	06/01/16	110%	95%	Fuentes	Filing as-built drawings completed. Starting process to close WO.
WO 1502322	no	yes	Underground Switch Replacement	11/21/14	245,000	245,000	264,831	(19,831)	06/01/16	108%	70%	Politte	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.
WO 1501824	yes	no	Plaza Substation 4 kV to 12kV conversion Circuit 454	09/18/15	1,264,000	1,264,000	61,614	1,202,386	07/14/16	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	32,829	292,171	07/14/16	10%	5%	Gutierrez	Detail design in progress.
WO 1411795	no	yes	Magnolia4 kV to 12 kV Underground Conversion	04/02/15	2,250,000	2,250,000	1,473,902	776,098	07/28/16	66%	90%	Villavicencio	Formal Bid #7300 - Contracted to H. Weissker Inc. Resumed construction 01/04/2016.Substructure work completed. Crew cabling /cutover ongoing.
WO 1411145	no	yes	La Colina Substation Switchgear 3 & 4 Relay Replacement Project	03/21/14	534,051	534,051	58,218	475,833	06/30/16	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	06/30/16	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	747,179	427,821	07/28/16	64%	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	1,227,981	218,473	07/22/16	85%	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	218,452	21,283	06/01/16	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	1,597,037	(19,937)	07/27/16	101%	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	1,071,228	854,577	07/14/16	56%	65%	Megala	The design and procurement is nearly complete.
WO 1309568	no	yes	Distribution Automation Program	01/18/13	960,000	960,000	447,039	512,961	07/14/16	47%	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	6,661,247	38,753	06/30/16	99%	96%	Megala	Construction in progress.
WO 1202319	no	yes	Riverside Ave RR Grade Separation Project	11/15/13	616,200	616,200	696,176	(79,976)	07/26/16	113%	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	8,167,223	691,777	06/30/16	92%	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	4,968,390	31,610	07/14/16	99%	90%	Butala	System installation completed. As builts and close out in progress

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

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										% Spent	% Completed		
WO 1024305	yes	yes	Planning, Engineering, Training & Consulting Services for Electric SCADA System Hardware & Software Upgrades	06/27/16	2,938,307	2,938,307	2,813,424	124,883	06/30/16	96%	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. Terms extended to November 30, 2022.
<b>WO 1022593</b>	<b>yes</b>	<b>yes</b>	<b>UA 21975 - Caltrans 91 HOV - Relocate Existing Electric Facilities along SR 91 at Jefferson St, Brockton Ave, Boxwood Place and 10th Street</b>	<b>08/05/11</b>	<b>1,378,434</b>	<b>1,378,434</b>	<b>162,529</b>	<b>1,215,905</b>	<b>03/17/14</b>	<b>12%</b>	<b>25%</b>	<b>Ong</b>	<b>As-built and depreciation.</b>
WO 1022591	yes	yes	UA 21979 - Caltrans 91 HOV - Arlington Ave Relocation Project	01/21/11	1,061,490	1,061,490	242,578	818,912	06/01/16	23%	95%	Ong	As-built and depreciation.
<b>WO 1022589</b>	<b>yes</b>	<b>yes</b>	<b>UA 21205 - Relocation of Electric Facilities Along State Route 91</b>	<b>12/16/11</b>	<b>2,210,986</b>	<b>2,210,986</b>	<b>2,081,831</b>	<b>129,155</b>	<b>10/14/14</b>	<b>94%</b>	<b>95%</b>	<b>Ong</b>	<b>As-built and depreciation.</b>
<b>WO 1022588</b>	<b>yes</b>	<b>yes</b>	<b>UA 21217 - Relocation of Electric Facilities Along State Route 91</b>	<b>06/18/10</b>	<b>2,393,030</b>	<b>2,393,030</b>	<b>2,167,963</b>	<b>225,067</b>	<b>06/30/15</b>	<b>91%</b>	<b>95%</b>	<b>Ong</b>	<b>As-built and depreciation.</b>
WO 1020992	yes	no	Seismic Upgrades at La Colina & Hunter Substations	05/03/13	649,885	649,885	457,843	192,042	06/01/16	70%	98%	Wang	Project on hold. La Colina was completed. Minimum fix for Hunter. Hunter will be revisited later.
<b>WO 1014286</b>	<b>no</b>	<b>no</b>	<b>Streeter Ave RR Grade Separation from Lantana St to Beatty Dr</b>	<b>10/19/12</b>	<b>1,338,673</b>	<b>1,338,673</b>	<b>1,547,669</b>	<b>(208,996)</b>	<b>03/01/16</b>	<b>116%</b>	<b>100%</b>	<b>Politte</b>	<b>Project completed; waiting on contractors as-builts and final contractor billing.</b>
WO 0913192	yes	yes	Tyler Street Widening Project	08/07/15	816,000	816,000	638,487	177,513	07/29/16	78%	25%	Politte	PW Road Improvement Project: Contractor awarded with RPU Board approval, under construction.
Total Electric Fund - Open Work Orders						145,523,394	93,709,183	51,814,211					

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.

**Public Utilities Riverside  
Work Order Summary - Water Fund  
as of July 31, 2016**

Work Order Number	Job Title	Board Approval Date	Board Approved Estimate	Job Estimate	Life to Date Total as of 07/31/2016	Available Balance	Last Activity Date	Job Status (Based on Board Est.)		Contact	Comments
								% 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	1,317,130	282,870	06/10/16	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	432,832	1,122,168	07/14/16	28%	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	706,425	1,093,575	06/30/16	39%	10%	MP	Partners Consultants reviewing validation report.
1415931	Construction of the California and Monroe Water Main Replacement Project	12/12/14	973,500	973,500	801,389	172,111	07/14/16	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	1,024,403	286,697	07/14/16	78%	99%	LF	Substantially completed on 6/27/16. Pending final completion by August 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	1,859,854	670,546	07/14/16	74%	60%	CJ	Contract executed. This is a 3 year project. CJ 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	2,217,793	332,107	07/14/16	87%	99%	LF	Under construction. Estimated completion by August 2016.
1503563	Valverda Water Main Replacement Project	08/07/15	1,727,000	1,727,000	1,044,433	682,567	07/19/16	60%	100%	AL	Work is complete. Pending final payment and closure of work order.
1504840	Santa Ana River Habitat Conservation Plan	09/05/14	325,000	325,000	77,128	247,872	06/01/16	24%	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%	SL	Active and on-going.
1511174	Construction of the Dwight Avenue Water Main Replacement Project	08/07/15	1,930,000	1,930,000	895,506	1,034,494	07/20/16	46%	65%	AL	Field forces planned completion mid August 2016. Paving underway.
1515505	Construction of the Ambs Drive Water Main Replacement Project	06/06/16	1,523,000	1,523,000	99,457	1,423,543	07/14/16	7%	0%	SL	Field Forces to begin construction in summer 2016.
1515609	Construction of the Arlington Avenue & Western Avenue Water Main Replacement Project	06/06/16	1,241,000	1,241,000	79,747	1,161,253	06/06/16	6%	0%	SL	Field Forces to begin construction in summer 2016.
1521905	Jackson Street Recycled Water Pipeline Phase 1	01/22/16	500,000	500,000	427,702	72,298	06/16/16	86%	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	702,850	87,150	07/14/16	89%	100%	TS	Pending project close out.
1602941	Construction of the Larchwood Place Water Main Replacement Project	10/16/15	865,000	865,000	173,059	691,941	07/20/16	20%	0%	AL	Field Forces to begin end of July 2016.
1610216	Construction of the Tree Irrigation System Project	02/19/16	240,000	240,000	4,586	235,414	07/14/16	2%	35%	AL	Contruction starts 07/05/2016. Estimated completion in December 2016.
1619634	Water ODMS Portion of Enterprise Agreement with OSIsoft	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>22,699,900</b>	<b>11,866,063</b>	<b>10,833,837</b>
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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:** AUGUST 22, 2016

**GENERAL MANAGER'S REPORT**

**ITEM NO:** 12

# **Riverside Public Utilities**

## **Closed Work Order Reports**

### **July 2016**



## OFFICE MEMORANDUM

*City of Arts & Innovation*

Date: August 3, 2016

To: Girish Balachandran  
Public Utilities General Manager

From: Genie Lee  
Senior Accountant

Subject: Closed Work Order Reports

Attached are the Closed Work Order Summary Reports for the month ended July 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 August 22, 2016.

A total of \$3,304,589 with an estimated cost of \$3,357,022 of Water work orders closed and a total of \$2,291,200 with an estimated cost of \$2,908,033 of Electric work orders closed during the month of July.

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 July 31, 2016

Report Date: 07/31/2016

Project/Sub. or WO	Description	Start Date	End Date	Fixed Asset Date	Estimated Cost	Work Order Actual	Variance	% Variance
<b>Recap of CLOSED Work Orders with Budget or Actual expenditures &gt; \$25,000</b>								
WO 0706370	UG Service to 56 lots - La Sierra and Indiana	12/15/2006	06/02/2016	06/30/2016	\$ 190,000	\$ 99,723	\$ 90,277	47.51%
WO 0709831	Construction - Tract 33403 Steven Walker 62 SFR's	09/07/2007	06/16/2016	06/30/2016	\$ 144,000	\$ 111,404	\$ 32,596	22.64%
WO 1016331	Tequesquite Landfill PV project	12/18/2009	07/06/2016	07/31/2016	\$ 1,192,727	\$ 768,723	\$ 424,004	35.55%
WO 1107296	3500 Market Street - Hyatt Place Riverside	11/02/2010	06/20/2016	06/30/2016	\$ 34,046	\$ 61,823	\$ (27,777)	-81.59%
WO 1117540	8432 Magnolia Avenue - California Baptist University Fitness	07/15/2011	06/10/2016	06/30/2016	\$ 65,000	\$ 95,052	\$ (30,052)	-46.23%
WO 1211641	5950 Acorn Ave. Water Treatment Plant. Phase 2	04/06/2012	06/16/2016	06/30/2016	\$ 237,000	\$ 230,700	\$ 6,300	2.66%
WO 1323303	GO165 Pole Replacements	04/22/2013	06/14/2016	06/30/2016	\$ 40,000	\$ 40,706	\$ (706)	-1.76%
WO 1406027	2861 Mary st. New Commercial Design for Stater Bros.	10/01/2013	06/03/2016	06/30/2016	\$ 28,856	\$ 22,011	\$ 6,845	23.72%
WO 1410193	Chestnut Street - UG Electrical Structure Rehab.	11/07/2013	06/15/2016	06/30/2016	\$ 133,341	\$ 119,960	\$ 13,381	10.04%
WO 1417470	3602 Riverside Plaza Dr. - U.G. Electric Service	02/27/2014	06/07/2016	06/30/2016	\$ 22,098	\$ 27,080	\$ (4,982)	-22.55%
WO 1420551	Quail Run Rd - Circuit 1219 Feeder Loop	10/03/2014	06/17/2016	06/30/2016	\$ 692,965	\$ 554,678	\$ 138,287	19.96%
WO 1510314	Brunton Well - Electric Service Design	11/10/2014	06/17/2016	06/30/2016	\$ 55,000	\$ 111,813	\$ (56,813)	-103.30%
WO 1514201	2772 Nectarine Ave. - T & E Work	01/05/2015	06/10/2016	06/30/2016	\$ 25,000	\$ 8,715	\$ 16,285	65.14%
WO 1524211	Mt.View- Replace Station Batteries	06/03/2015	06/17/2016	06/30/2016	\$ 48,000	\$ 38,812	\$ 9,188	19.14%
<b>Total Electric Fund - Closed Work Orders</b>					<u><u>\$ 2,908,033</u></u>	<u><u>\$ 2,291,200</u></u>	<u><u>\$ 616,833</u></u>	

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

Report Date: 07/31/2016

Work Order Number	Description	Start Date	End Date	Fixed Asset Date	Estimated Cost	Work Order Actual	Variance	% Variance
<b>Recap of CLOSED Work Orders with Budget or Actual expenditures &gt; \$25,000</b>								
1203744	Riverside Vista Project	08/01/2014	06/10/2016	06/30/2016	\$ 52,676	\$ 43,598	\$ 9,078	17.23%
1216078	CALTRANS I-215 Bi-County HOV Gap Project	08/28/2012	06/15/2016	06/30/2016	\$ 49,611	\$ 33,007	\$ 16,604	33.47%
1218517	Arlington Avenue Recycled Water Main Project	04/24/2012	06/16/2016	06/30/2016	\$ 49,000	\$ 59,349	\$ (10,349)	-21.12%
1313392	Water Main Replacement Project	12/12/2012	06/10/2016	06/30/2016	\$ 5,530	\$ 81,997	\$ (76,467)	-1382.77%
1323229	Cook Booster Station Rehabilitation Project	07/18/2014	06/20/2016	06/30/2016	\$ 1,542,500	\$ 1,461,862	\$ 80,638	5.23%
1406072	Techite Pipe Replacement Phase 1	09/18/2015	07/01/2016	07/31/2016	\$ 1,010,804	\$ 981,025	\$ 29,779	2.95%
1408503	Thorne 12 Well Rehabilitation	11/01/2013	06/28/2016	06/30/2016	\$ 305,050	\$ 278,128	\$ 26,922	8.83%
1411001	PVL Metrolink Citrus 48" TM Encasement Project	11/20/2013	06/17/2016	06/30/2016	\$ 40,000	\$ 34,676	\$ 5,324	13.31%
1415038	807 Blaine Street - New Service and Meter	05/06/2014	06/14/2016	06/30/2016	\$ 29,235	\$ 29,790	\$ (555)	-1.90%
1420055	John W. North TP Roll-up Door	10/16/2015	06/29/2016	06/30/2016	\$ 115,000	\$ 106,327	\$ 8,673	7.54%
1503765	Replace Inoperable Fire Hydrant	08/11/2014	06/09/2016	06/30/2016	\$ 40,000	\$ 25,213	\$ 14,787	36.97%
1506998	CALTRANS HGOV Lndscp Svcs. - New Service and Meter	11/03/2014	06/14/2016	06/30/2016	\$ 7,374	\$ 33,788	\$ (26,414)	-358.20%
1507201	RCTC Downtown Security Operations Center	09/24/2014	06/14/2016	06/30/2016	\$ 13,332	\$ 30,949	\$ (17,617)	-132.14%
1515737	3510 and 3502 Tyler St. - Water Customer Development	04/03/2015	06/14/2016	06/30/2016	\$ 29,921	\$ 37,401	\$ (7,480)	-25.00%
1520281	3435 Central Ave - New Service and Meter	05/28/2015	06/10/2016	06/30/2016	\$ 36,989	\$ 41,242	\$ (4,253)	-11.50%
1606226	Riverside Canal Slide Gate	10/06/2015	06/14/2016	06/30/2016	\$ 30,000	\$ 26,237	\$ 3,763	12.54%
<b>Total Water Fund - Closed Work Orders</b>					<u>\$ 3,357,022</u>	<u>\$ 3,304,589</u>	<u>\$ 52,433</u>	