

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: OCTOBER 24, 2016 GENERAL MANAGER'S REPORT ITEM NO: 16

Riverside Public Utilities

Open Work Orders Greater than \$200,000

As of September 31, 2016

							Life to Date			Job	Status		
Project / Subproject	e Work	Work	Job Title	Board	Board	Job	Total	Available	Last	(Based o	on Board Est.)		
or WO	Outside Design	Outside Field W		Approval Date	Approved Estimate	Estimate "Project/WO"	as of 9/30/2016	Balance	Activity Date	% Spent	% Completed	Contact	COMMENTS
Recap of oper	n Worl	k Orders/Proj	ects with Budgeted or Actual expenditu	ıres > \$200,0	00								
100051 / 04	no	•	2 - Caltrans 91 HOV - Various Relocation (WO 1022592 & 1119435-1119445)	01/21/11	4,321,774	4,321,774	3,513,313	808,461	08/22/16	81%	95%	Ong	Project is in close-out phase. Pending as-builts and depreciation report.
080022 / 01	no	yes Wood St & 080910	reets Streetlights Phase I (WO 809099)1)	10/18/13	1,909,600	1,909,600	1,791,660	117,940	03/01/16	94%	90%	Revuelta	Pending street paving that will be completed by Public Works department. Anticipate completion by Summer 2017.
070016 / 07	yes	•	UG Electric Service to 116 Lots at a Ave (WO 0704432 & 0704434)	07/20/07	500,000	500,000	468,292	31,708	03/13/14	94%	95%	Marshall	The developer is pending the construction of 8 homes and electric service installations, construction is ongoing. Anticipated to be completed by first quarter of 2017.
070016 / 02	no		515 Phase 2 (47 SFR) Lots 39-85 & ft Station (WO 0702819 & 0702820)	11/16/07	345,000	345,000	344,419	581	06/01/16	1 00%	99%	Balderrama	Service cables have been installed to pie plated meter panels on 09/12/2015. Pending as-builts drawings and close out phase.
Project 050009):	Conceptu	al Design Of Transmission Substation										
WO 642975	yes	yes 230 KV S	tation Conceptual Design	03/05/15	42,605,521	42,605,521	24,603,946	18,001,575	09/21/16	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 Sta	ation Conceptual Design	11/06/09	22,500,000	14,088,844	9,736,624	4,352,220	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	•	OH Installation of 3 Poles on Tenth St Inmerce to Park for the STP Project	(1)	(1)	64,000	63,362	638	03/17/11	99%	100%	Politte	Closed 08/31/2011. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal closure of STP project.
WO 1021988	yes	•	UG Installation on Tenth St. from ce to Park for the STP Project	(1)	(1)	760,000	763,590	(3,590)	10/24/13	100%	100%	Politte	Closed 02/01/2012.
WO 1022853	no	•	BOH Distribution Work Tenth St from to Victoria Ave	(1)	(1)	175,000	172,278	2,722	06/11/14	98%	100%	Politte	Closed 07/09/2012. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal closure of STP project.
WO 1022854	no	•	COH Distribution Work - Pole Line from Commerce to Twelfth St & Chicago for ect	07/16/10	1,500,000	1,500,000	1,734,788	(234,788)	07/24/14	116%	100%	Politte	Closed 06/18/2012. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal closure of STP project.
WO 1022905	no	Luther an	Overhead to Underground at Martin d Chicago, also along Ohio and Chicago	(1)	(1)	500,000	500,166	(166)	10/24/13	100%	100%	Politte	Closed 03/06/2012. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal
WO 1107488	no	Ave no Phase II \$	STP - Vine St Poles	(1)	(1)	9,000	9,018	(18)	10/24/13	100%	100%	Politte	closure of STP project. Closed 03/21/2012.
WO 1111059	yes	yes STP Pha	se 2	(1)	(1)	7,000,000	5,326,618	1,673,382	10/31/14	76%	100%	Politte	Closed 10/14/2014. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal closure of STP project.
				Total	050009/01:	66,702,365	42,910,390	23,791,975					
WO 1623473		Amendm	sset Management System Project, ent to Professional Services Agreement tin Engineering, Inc	05/11/16	493,000	493,000	-	493,000	08/11/16	0%	0%	Rocco	Board approved on 07/11/2016.
WO 1619634	no		ODMS Portion of Enterprise ent with OSIsoft.	05/09/16	2,312,000	2,312,000	-	2,312,000	05/09/16	0%	10%	CJSmith	Industrial Evolution Agreement and OSIsoft agreement executed. Funds encumbered for OSI agreement but not expensed. Project at beginning of implementation stage.

expensed. Project at beginning of implementation stage.

						Life to Date			Job Status			
Project / Subproject	Work	្ល ទ័ Job Title	Board	Board	Job	Total	Available	Last	(Based or	n Board Est.)		
or WO	Outside Design		Approval Date	Approved Estimate	Estimate "Project/WO"	as of 9/30/2016	Balance	Activity Date	% Spent	% Completed	Contact	COMMENTS
WO 1616413		yes Extension of Underground Conduits at Plaza Substation on Elizabeth Street	06/27/16	220,000	220,000	121,989	98,011	09/22/16	55%	50%	Hironimus	In construction. Conduit installation complete. Released for electrical facilities installation on 08/18/2016.
WO 1611216	yes	yes City wide streetlight -Light emitting diode conversion program	07/25/16	1,150,000	1,150,000	2,721	1,147,279	08/11/16	0%	0%	LaFond	Board approved 07/25/2016. Approved by the Land Use Committee of the City Council on 08/18/2016. Approved by the City Council on 09/06/2016. Agreement executed by City Manager on 09/09/2016. Purchase order is scheduled to be issued by 09/30/2016.
WO 1606533		yes Installation of Circuit Tie on Palm Avenue South of Tequesquite Avenue for Circuit 454	06/27/16	228,000	228,000	59,759	168,241	09/21/16	26%	50%	Villavicencio	In construction. 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	102,736	1,597,264	09/14/16	6%	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	15,970	5,514,030	09/08/16	0%	0%	Oduca	Kick-off meeting held on 08/22/16.
WO 1525536	no	yes Electrical Feeder Extension on Diana Ave Between Adams St and Monroe St	01/22/16	850,000	850,000	764,335	85,665	09/15/16	90%	100%	Troncoso	Construction complete. Pending as-builts and close out phase.
WO 1525067	no	no Cable Rejuvenation Pilot ProjectTest the treatment of underground electric cable to extend it's useful like.	07/25/16	449,000	449,000	33,582	415,418	09/08/16	7%	0%	Politte	Board approved item# 3 on 07/25/2016. Tentative construction start dates is Tuesday 10/4/2016.
WO 1524282	no	no Land Mobile Radio (LMR) system	09/26/16	3,000,000	3,000,000	39,106	2,960,894	08/11/16	1%	0%	Gutierrez	Board approved on 09/26/2016.
WO 1521822	yes	yes Plaza Substation 4 kV to 12kV conversion Circuit 456	09/18/15	933,000	933,000	105,112	827,888	08/27/16	11%	10%	Hironimus	In construction phase.
WO 1521820	no	no Plaza Substation 4 kV to 12kV conversion Circuit 4	09/18/15	1,446,000	1,446,000	119,654	1,326,346	09/22/16	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. However, construction is on hold by customer.
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	Kick-off meeting will be held in September 2016.
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	3,105,578	94,422	09/22/16	97%	98%	Megala	As-built drawings are pending.
WO 1508419	no	yes Upgrade Fiber Optic Cable Network to City Hall	06/19/15	470,000	470,000	473,490	(3,490)	09/08/16	101%	70%	Gutierrez	Second phase to replace existing fiber in progress.
WO 1504019	yes	no Freeman Substation Breaker Replacement Project	10/03/14	641,121	641,121	686,124	(45,003)	08/02/16	107%	100%	Ramirez	Project completed. Work order will be closed out next month upon confirming that all outstanding invoices have been paid off.
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	914,919	918,081	09/22/16	50%	40%	Politte	In construction phase.
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	171,966	128,034	06/01/16	57%	50%	Hironimus	Pending construction coordination with Customer. Material has been received.
WO 1502504	no	yes Riverside Substation Bay 4 Breaker Replacement Project	09/19/14	382,351	382,351	420,338	(37,987)	06/01/16	110%	95%	Fuentes	Starting process to close WO.

							Life to Date			Job Status				
Project / Subproject	e	gn work ide Work	Job Title	Board	Board	Job	Total	Available	Last	(Based o	on Board Est.)			
or WO	Outsid	Design Outsid Field V		Approval Date	Approved Estimate	Estimate "Project/WO"	as of 9/30/2016	Balance	Activity Date	% Spent	% Completed	Contact	COMMENTS	
WO 1502322			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	ye	s no	Plaza Substation 4 kV to 12kV conversion Circuit 454	09/18/15	1,264,000	1,264,000	67,368	1,196,632	09/08/16	5%	5%	Orizu	Bid specifications were issued to Contract Administration and Legal for review prior to bidding. Anticipated going to Board	
WO 1423746	no	yes	Fiber Use License Agreement With County of Riverside	01/22/16	325,000	325,000	46,162	278,838	09/08/16	14%	5%	Gutierrez	January 2017. Detail design in progress.	
WO 1411795	nc	o yes	Magnolia4 kV to 12 kV Underground Conversion	04/02/15	2,250,000	2,250,000	1,503,297	746,703	09/20/16	67%	90%	Villavicencio	Formal Bid #7300 - Contracted to H. Weissker Inc. Resumed construction 01/04/2016.Substructure work completed. Crew cabling /cutover ongoing.	
WO 1411145	nc	o yes	La Colina Substation Switchgear 3 & 4 Relay Replacement Project	03/21/14	534,051	534,051	63,088	470,963	08/11/16	12%	15%	Megala	Consultant is preparing the 60% drawing design package for review	
WO 1409723	nc	o yes	Conduit and Cable Replacement for Canyon Crest	11/06/15	1,175,000	1,175,000	988,299	186,701	08/30/16	84%	100%	Villavicencio	Construction complete. Pending as-builts and close out phase.	
WO 1326801	no	yes	Area Circuit 1215 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	Waiting for RPU crew to finish up a cable re-installation.	
WO 1319390	nc	o yes	Magnolia 4 kV to 12 kV Conversion Overhead Project	09/19/14	1,577,100	1,577,100	1,729,343	(152,243)	09/09/16	110%	94%	Valdez	Underground structure work complete. Waiting for cable to be pulled.	
WO 1314958			The Avalon at Riverwalk	07/17/14	180,385	180,385	208,619	(28,234)	07/29/16	116%	100%	Mejia	Project is still in close-out phase and as-builts drawing are being completed.	
WO 1311245	nc	o yes	Line Protection Relay Replacement and Substation Automation System Upgrade Project	03/21/14	1,925,805	1,925,805	1,318,341	607,464	09/21/16	68%	65%	Megala	Construction in progress.	
WO 1309568	no	yes	Distribution Automation Program	01/18/13	960,000	960,000	547,475	412,525	08/11/16	57%	25%	Valdez	Grid Sensor updates are being conducted for new Ingenu Network.	
WO 1227700	nc	o yes	Magnolia - Plaza Reliability Project Phase I	11/07/14	6,700,000	6,700,000	6,664,850	35,150	09/21/16	99%	96%	Megala	Construction in progress.	
WO 1202319	nc	o yes	Riverside Ave RR Grade Separation Project	11/15/13	616,200	616,200	702,099	(85,899)	07/28/16	114%	95%	Hironimus	Construction complete. Pending As-builts and close out phase.	
WO 1104202	nc	o no	CIS Replacement Project	06/01/12	8,859,000	8,859,000	8,167,223	691,777	08/18/16	92%	87%	Tavaglione	System is now live, working on post go-live fixes and enhancements.	
WO 1024965	ye	s yes	Electronic Security Monitoring and Access Control Project	09/16/11	5,000,000	5,000,000	4,995,070	4,930	09/08/16	100%	90%	Butala	As builts and close out in progress	
WO 1024305	ye	s yes	Planning, Engineering, Training & Consulting Services for Electric SCADA System Hardware & Software Upgrades	06/27/16	2,938,307	2,938,307	2,737,329	200,978	08/10/16	93%	99%	Nguyen	Work Completion Date was accepted on 11/16/2015. Board Item #6 was approved on 06/27/2016, added new scopes and extended terms to 11/30/2022. PO was executed 07/26/16. Project Kick-off meeting to be scheduled .	
WO 1022593	ye	s 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	Work Oder will be closed on 10/03/16.	
WO 1022591	ye	s 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	Closed on 09/13/16.	
WO 1022589	ye	s 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	Closed on 09/29/16.	
WO 1022588	ye	s 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	Project is in close-out phase. Pending as-builts and depreciation report.	
WO 1020992	ye	s 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.	

Project / 🗧	¥	Board	Approved Esti	Job	Life to Date Total	Available Balance	Last	Job Status (Based on Board Est.)			
Supproject Outside Outside Outside Outside Outside	Job Title	Approval Date		Estimate "Project/WO"	as of 9/30/2016		Activity Date	% Spent	% Completed	Contact	COMMENTS
WO 1014286 no no Streeter A	WO 1014286 no no Streeter Ave RR Grade Separation from Lantana St to Beatty Dr		1,338,673	1,338,673	1,547,669	(208,996)	03/01/16	116%	100%	Politte	Project completed; contractor has been paid in full(WO to be closed 10/03/2016
WO 0913192 yes yes Tyler Street Widening Project		08/07/15	816,000	816,000	776,217	39,783	09/16/16	95% 80%			PW Road Improvement Project: Contractor awarded with RPU Board approval, under construction.(Estimated Project completion Jan. 2017)

Total Electric Fund - Open Work Orders

147,280,004 94,886,841 52,393,163

Notes:

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

Items in <u>BLUE</u> represent work orders with no activity in the last 60 days.

Work		Board	Board		Life to Date Total		Last		Status n Board Est.)		
Order Number	Job Title	Approval Date	Approved Estimate	Job Estimate	as of 09/30/2016	Available Balance	Activity Date	% Spent	% Completed	Contact	Comments
	en work orders with Budgeted or Actual expenditures > \$200,000	Date	LStimate	Lotimate	03/30/2010	Dalance	Date	Opent	completed		
1112059	UA 21702 - Ivy St Bridge - Caltrans SR-91 HOV Project	08/19/11	1,600,000	1,600,000	1,320,535	279,465	08/29/16	83%	100%	LF	Project complete. Pending final project close-out. Work order to be closed by next month.
1112062	UA 21699 - Miscellaneous Utility Relocations - Caltrans SR-91 HOV Project	11/18/11	1,555,000	1,555,000	438,599	1,116,401	08/11/16	28%	90%	LF	Project is in construction, ongoing until end of SR91 HOV project completion in 2016. No change.
1202806	The Riverside North Aquifer Storage & Recovery Project	10/07/11	1,800,000	1,800,000	706,425	1,093,575	07/01/16	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	802,481	171,019	09/08/16	82%	95%	TS	This project has 10 items that are not completed. The project is delayed over 380+ days and still counting. The liquidated damages are being assessed until this project is fully completed. This contractor is in litigation with the City over this project.
1424014	Construction of the Gratton Booster Station Replacement Project	01/23/15	1,311,100	1,311,100	1,034,582	276,518	09/08/16	79%	99%	LF	Substantially completed on 06/27/16. Pending final completion by August 2016. Work order to be closed after final payment is posted.
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	2,059,429	470,971	09/08/16	81%	60%	CJ	Contract executed. This is a 3 year project managed by the office of Operational Technology.
1501422	Construction of the Brunton 1-R Well Project (Phase I & II)	01/23/15	2,549,900	2,549,900	2,310,491	239,409	08/25/16	91%	99%	LF	Under construction. Estimated completion by August 2016.
1503563	Valverda Water Main Replacement Project	08/07/15	1,727,000	1,727,000	1,090,189	636,811	09/08/16	63%	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	1 0/03/14	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	07/31/16	1%	0%	SL	Per Leo F. project is on hold until 2017 as staff evaluates plan for continued water operations.
1511174	Construction of the Dwight Avenue Water Main Replacement Project	08/07/15	1,930,000	1,930,000	1,177,524	752,476	09/21/16	61%	65%	EE	Paving is complete and will close work order by end of October 2016.
1515505	Construction of the Ambs Drive Water Main Replacement Project	06/06/16	1,523,000	1,523,000	158,747	1,364,253	09/21/16	10%	20%	SL	Field Forces to begin construction in summer 2016. Project is anticipated to to be completed in January 2017.
1515609	Construction of the Arlington Avenue & Western Avenue Water Main Replacement Project	06/06/16	1,241,000	1,241,000	169,605	1,071,395	06/06/16	14%	20%	SL	Field Forces to begin construction in summer 2016. Project is anticipated to to be completed by mid-December 2016.
1518913	Construction of the Brockton Avenue & Palm Avenue Railroad Crossings Water Pipeline Replacement Project	08/22/16	688,000	688,000	45,008	642,992	08/22/16	7%	0%	EE	Approved by Board on 08/22/16.
1521905	Jackson Street Recycled Water Pipeline Phase 1	01/22/16	500,000	500,000	464,682	35,318	09/08/16	93%	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	708,384	81,616	09/08/16	90%	100%	TS	Pending project close out. Work order to be closed by October 2016. Last payment has been processed.
1602941	Construction of the Larchwood Place Water Main Replacement Project	10/16/15	865,000	865,000	304,303	560,697	09/21/16	35%	95%	AL	Field Forces to begin end of July 2016. Public Works is currently paving.
1610216	Construction of the Tree Irrigation System Project	02/19/16	240,000	240,000	189,368	50,632	09/08/16	79%	92%	EE	Contruction started 07/05/2016 and finished on 08/26/16. Maintenance started 09/01/16 and ends on 12/01/16.
1619634	Water ODMS Portion of Enterprise Agreement with OSIsoft	05/09/16	1,245,000	1,245,000	-	1,245,000	05/09/16	0%	0%	CJ	Item approved by Board on 05/09/2016 for an additional appropriation of \$900,000 in current FY 16-17.
1619730	Construction of the Tenth and Elevent Street Water Main Replacement Project	08/22/16	1,745,000	1,745,000	26,008	1,718,992	09/08/16	1%	0%	AL	Approved by Board on 08/22/16.
1703247	Construction of the Interstate 215 Barton Road Interchange 48-Inch Water Pipeline Relocation and Encasement Project	09/26/16	611,000	611,000	12,022	598,978	09/08/16	2%	0%	EE	Construction was approved by the Board on 09/26/16. Project has been given to Contract Admin-Eric Escobar, Project Mgr.

Total Water Fund - Open Work Orders

26,643,900 13,097,279 13,546,621

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



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: OCTOBER 24, 2016 GENERAL MANAGER'S REPORT ITEM NO: 16

Riverside Public Utilities

Closed Work Order Reports

As of September 31, 2016

Public Utilities Riverside Closed Capital Work Order Summary Report - Electric Fund September 2016

Work Order Number	Description	Start Date	End Date	Estimated Cost	Work Order Actual	Variance	% Variance			
CLOSED Ca	pital Work Orders with Budget or Actual Expenditures > \$20	0,000								
WO 1601113	Freeman Substation Expansion Project-Purchase & Sale Agreement	09/18/2015	08/15/2016	\$ 402,040	\$ 394,845	\$ 7,195	1.79%			
	1) Note on Final Project Cost:									
	Final project cost was for the actual land acquisition purchase p	rice and closi	ing costs, whi	ch were slightly	lower than estima	ated.				
	2) Impact to Customer Service:									
	Establishes location for future installation of increased electrical capacity and additional system circuit ties to benefit the reliability of the electric grid serving approximately 10,000-12,000 customers in the southwest portion of the city.									
	3) Impact to System Reliability:									
	This expansion will provide equipment storage for the Riverside Transmission Reliability Project (RTRP) and for future reliability projects.									

Total Electric Fund - Closed Work Orders

\$ 402,040 \$ 394,845 \$ 7,195

Public Utilities Riverside Closed Capital Work Order Summary Report - Water Fund September 2016

Work Orde Number	r Description	Start Date	End Date	Estimated Cost	Work Order Actual	Variance	% Variance
CLOSED C	apital Work Orders with Budget or Actual expenditures > \$2	00,000					
	Please note: No Closed Water Work Orders over \$200,000 to report for the month of September 2016.						
Total Wate	r Fund - Closed Work Orders			\$-	\$ -	\$-	