



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: APRIL 24, 2017

GENERAL MANAGER'S REPORT

ITEM NO: 16

Riverside Public Utilities

Open Work Orders Greater than \$200,000

As of March 31, 2017

Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
March 2017

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 Total as of 3/31/2017	Available Balance	Last Activity Date	Job Status (Based on Board Est.)		COMMENTS
										% Spent	% Completed	
Recap of open Work Orders/Projects with Budgeted or Actual expenditures > \$200,000												
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%	Pending street paving that will be completed by Public Works department. Anticipate completion by Summer 2017.
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%	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	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%	Construction is completed. Project is in as-builts/close out phase, pending receipt of inspection/construction for formal GIS mapping and as-builtting.
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	25,329,997	17,275,524	03/16/17	59%	15%	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 of 69kV facilities is 2nd quarter 2018. 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. Closed 08/31/2011. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal closure of STP project. Closed 02/01/2012. Closed 07/09/2012. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal closure of STP project. Closed 06/18/2012. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal closure of STP project. Closed 03/06/2012. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal closure of STP project. Closed 03/21/2012. Closed 10/14/2014. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending formal closure of STP project.
WO 0812940	yes	yes	69 KV Station Conceptual Design	11/06/09	22,500,000	14,088,844	9,735,995	4,352,849	01/26/17	69%	99%	
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%	
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)	10/24/13	100%	100%	
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	06/11/14	98%	100%	
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)	07/24/14	116%	100%	
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)	10/24/13	100%	100%	
WO 1107488	no	no	Phase II STP - Vine St Poles	(1)	(1)	9,000	9,018	(18)	10/24/13	100%	100%	
WO 1111059	yes	yes	STP Phase 2	(1)	(1)	7,000,000	5,326,618	1,673,382	10/31/14	76%	100%	
<i>Total 050009 / 01:</i>						66,702,365	43,635,812	23,066,553				
WO 1704094			Initiation of Eminent Domain Proceedings to Acquire electrical facilities and real property interests from Southern California Edison within the City of Riverside	10/24/16	444,000	444,000	-	444,000	No activity	0%	0%	Board approved on 10/24/16. Scheduled for City Council on 02/28/17.
WO 1623473			Electric Asset Management System Project, Amendment to Professional Services Agreement with Westin Engineering, Inc	05/11/16	493,000	493,000	419,380	73,620	03/01/17	85%	90%	Issuing assessment report by end of March 2017.

Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
March 2017

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 Total as of 3/31/2017	Available Balance	Last Activity Date	Job Status (Based on Board Est.)		COMMENTS
										% Spent	% Completed	
WO 1619634	no	no	Electric ODMS Portion of Enterprise Agreement with OSisoft.	05/09/16	2,312,000	2,312,000	1,606,438	705,562	03/23/17	69%	35%	Item approved by Board on 05/09/2016. Project currently underway. Estimated completion 07/31/17.
WO 1619571			Street and Landscape Improvements at Plaza Substation	10/24/16	460,000	460,000	121,148	338,852	03/15/17	26%	99%	All construction work is completed. Reviewing punch list with contractor.
WO 1616413	yes		Extension of Underground Conduits at Plaza Substation on Elizabeth Street	06/27/16	220,000	220,000	214,477	5,523	11/17/16	97%	80%	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	97,039	1,052,961	03/23/17	8%	10%	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 for RFP-1569 executed by City Manager on 09/09/2016. Purchase order 172414 in the amount of \$855,290 was issued to Berya Burnett Consultancy DBA Design Services Inc. on 09/28/2016. Notice to proceed was issued on 10/3/2016. Project kick off meeting held on 11/15/2016. Design services are 10% complete as of 2/28/17. Estimated completion 9/9/2019.
WO 1607467			Replacement of Electrical Switch on Magnolia Ave. and Harrison Street.	10/24/16	230,000	230,000	164,738	65,262	03/23/17	72%	15%	In construction phase. Civil construction is complete. Pending electrical facilities installation, required by 2/15/2017.
WO 1606533	yes		Installation of Circuit Tie on Palm Avenue Circuit 454	06/27/16	228,000	228,000	201,174	26,826	03/21/17	88%	80%	In construction. OH installations completed (By RPU), substructure work completed (By HCI). Final cabling pending (By RPU). Engineering finalizing switch settings.
WO 1604758			7105 Old Frontage 215 Rd-Joint Project with SCE to UG Lines for new development - 2000a 277/480 3p4w UG Service	-	-	208,182	142,412	65,770	03/09/17	68%	75%	In construction - customer has paid all fees - OH to UG relocation portion is complete. Waiting on customer for new business portion of the project to begin
WO 1603079	yes	no	Springs & Orangecrest Substations 69 kV Breaker and Relay Replacement Project	02/19/16	1,700,000	1,700,000	998,151	701,849	03/14/17	59%	60%	Completed equipment procurement and design. Pending construction.
WO 1601400	yes	yes	Substation Switchgear Upgrade Project	07/25/16	5,530,000	5,530,000	737,437	4,792,563	03/23/17	13%	10%	In Construction. Upgrading SWGR 3 at Mountain View Substation.
WO 1525536	no	yes	Electrical Feeder Extension on Diana Ave	01/22/16	850,000	850,000	768,618	81,382	01/01/17	90%	100%	Construction complete. Pending as-builts drawings from Electric Field staff.
WO 1525067	no	no	Cable Rejuvenation Pilot Project	07/25/16	449,000	449,000	310,567	138,433	03/09/17	69%	90%	Board approved item# 3 on 07/25/2016. Construction completed. Processing for final billing.
WO 1524282	no	no	Land Mobile Radio (LMR) system	09/26/16	3,000,000	3,000,000	146,363	2,853,637	03/09/17	5%	60%	Equipment received. LMR Installation in progress at UOC and RERC
WO 1523553			Wood Streets Streetlight Replacement Project Phase 2	02/13/17	2,300,000	2,300,000	55,725	2,244,275	03/09/17	2%	0%	Board approved on 2/13/2017. Pending start of construction on March 27, 2017. WO pending approval by management.
WO 1521822	yes	yes	Plaza Substation 4 kV to 12kV conversion Circuit 456	09/18/15	933,000	933,000	108,151	824,849	03/09/17	12%	10%	In construction phase.
WO 1521820	no	no	Plaza Substation 4 kV to 12kV conversion Circuit 452	09/18/15	1,446,000	1,446,000	267,074	1,178,926	03/23/17	18%	10%	In construction phase. Board Item # 5 approved on 09/18/2015. Issued to field crew.
WO 1518525	no	yes	Underground Electrical Installation at Jurupa Avenue for New Tract 28987	11/06/15	320,000	320,000	13,740	306,260	06/01/16	4%	0%	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%	15%	In production. Expected delivery date is June 2017.
WO 1508419	no	yes	Upgrade Fiber Optic Cable Network to City Hall	06/19/15	470,000	470,000	498,825	(28,825)	11/17/16	106%	100%	Work order is closed as of 03/17/2017. Will be reported in April 2017 closed report.

**Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
March 2017**

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 Total as of 3/31/2017	Available Balance	Last Activity Date	Job Status (Based on Board Est.)		COMMENTS
										% Spent	% Completed	
WO 1504019	yes	no	Freeman Substation Breaker Replacement Project	10/03/14	641,121	641,121	686,556	(45,435)	09/26/16	107%	100%	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	1,086,324	746,676	03/22/17	59%	55%	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	173,217	126,783	01/26/17	58%	50%	Pending construction coordination with Customer. Material has been received.
WO 1502322	no	yes	Underground Switch Replacement	11/21/14	245,000	245,000	264,831	(19,831)	06/01/16	108%	100%	Work order is closed as of 02/27/2017. Will be reported in April 2017 closed report.
WO 1501824	yes	no	Plaza Substation 4 kV to 12kV Conversion Circuit 454	09/18/15	1,349,000	1,349,000	125,045	1,223,955	03/16/17	9%	5%	Project started construction in around March 10, 2017. In construction phase.
WO 1423746	no	yes	Fiber Use License Agreement With County of Riverside	01/22/16	325,000	325,000	175,311	149,689	03/09/17	54%	5%	Detail design in progress.
WO 1411795	no	yes	Magnolia 4 kV to 12 kV Underground Conversion	04/02/15	2,250,000	2,250,000	1,541,039	708,961	03/09/17	68%	90%	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	66,283	467,768	02/23/17	12%	25%	Consultant is preparing the 60% drawing design package for review
WO 1409723	no	yes	Conduit and Cable Replacement for Canyon Crest Area Circuit 1215	11/06/15	1,175,000	1,175,000	994,595	180,405	02/23/17	85%	100%	Construction complete. Pending as-builts and close out phase.
WO 1326801	no	yes	Plaza Substation Expansion and Public Works Riverside Avenue Grade Separation Projects	03/21/14	1,446,454	1,446,454	1,289,151	157,303	03/09/17	89%	100%	Work order closed as of 3/21/2017. Will be reported in April 2017 closed report.
WO 1319390	no	yes	Magnolia 4 kV to 12 kV Conversion Overhead Project	09/19/14	1,577,100	1,577,100	1,749,760	(172,660)	03/09/17	111%	94%	Minor construction are needed outside of Magnolia Substation
WO 1311245	no	yes	Line Protection Relay Replacement and Substation Automation System Upgrade Project	03/21/14	1,925,805	1,925,805	1,617,579	308,226	03/09/17	84%	75%	Construction in progress. Work at Springs substation has been completed. Sfatt is woking on as-built drawings.
WO 1309568	no	yes	Distribution Automation Program	01/18/13	960,000	960,000	595,930	364,070	01/12/17	62%	65%	Grid sensor devices are being installed throughout the city.
WO 1202319	no	yes	Riverside Ave RR Grade Separation Project	11/15/13	616,200	616,200	702,516	(86,316)	09/22/16	114%	95%	Construction complete. Pending as-builts and close out phase.
WO 1104202	no	no	CIS Replacement Project	06/01/12	8,859,000	8,859,000	8,242,223	616,777	11/30/16	93%	88%	System is now live, working on post go-live fixes and enhancements. Project manager transferred from J. Tavaglione to W. Obeid. CIS closure plan is expected to be completed by 4th Quarter 2017.
WO 1024965	yes	yes	Electronic Security Monitoring and Access Control Project	09/16/11	5,000,000	5,000,000	5,079,232	(79,232)	03/09/17	102%	90%	As builts and close out in progress.
WO 1024305	yes	yes	Planning, Engineering, Training & Consulting Services for Electric SCADA System Hardware & Software Upgrades	06/27/16	3,638,307	3,638,307	2,737,329	900,978	08/10/16	75%	99%	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.
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%	Project on hold. La Colina was completed. Minimum fix for Hunter. Hunter will be revisited at a later time.

**Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
March 2017**

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 Total as of 3/31/2017	Available Balance	Last Activity Date	Job Status (Based on Board Est.)		COMMENTS
										% Spent	% Completed	
WO 0913192	yes	yes	Tyler Street Widening Project	08/07/15	816,000	816,000	776,217	39,783	09/22/16	95%	90%	PW Road Improvement Project: Contractor awarded with RPU Board approval, under construction (Estimated Project completion March 2017).

Total Electric Fund - Open Work Orders

128,540,063	81,512,264	47,027,799
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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.

Riverside Public Utilities
Open Capital Work Order Summary Report - Water Fund
March 2017

Work Order Number	Job Title	Board Approval Date	Board Approved Estimate	Job Estimate	Life to Date Total as of 03/31/2017	Available Balance	Last Activity Date	Job Status (Based on Board Est.)		Comments
								% Spent	% Completed	
Recap of open capital work orders with Budgeted or Actual expenditures > \$200,000										
1112062	UA 21699 - Miscellaneous Utility Relocations - Caltrans SR-91 HOV Project	11/18/11	1,555,000	1,555,000	444,484	1,110,516	12/01/16	29%	90%	Project complete. Pending punch list and final project close-out.
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%	Partners Consultants reviewing validation report.
1415931	Construction of the California and Monroe Water Main Replacement Project	12/12/14	973,500	973,500	808,549	164,951	11/17/16	83%	95%	This project has 8 items that are not completed. The contractor is in litigation with the City over this project.
1424014	Gratton Booster Station Replacement Project	01/23/15	1,311,100	1,311,100	1,064,249	246,851	01/12/17	81%	99%	Substantially completed on 06/27/2016. Project completed on 10/24/2016. Work order to be closed after final payment is posted.
1424073	Water Asset Management	06/20/14	2,530,400	2,048,689	2,079,863	(31,174)	12/21/16	102%	90%	Water asset management project was separated out from the ODMS project - this update is for the Asset Management Project only. Final payment was made to consultant. Internal operations team continuing to monitor and make improvements to new processes and system as needed.
1504840	Santa Ana River Habitat Conservation Plan	09/05/14	325,000	325,000	77,128	247,872	No Activity	24%	0%	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%	Under review. Per M. Bates keep open.
1508449	Palmyrita Well - Rehabilitation Projects For 2014-2015	11/07/14	215,000	215,000	1,924	213,076	03/23/17	1%	0%	Per L. Ferrando project is on hold until 2017 as staff evaluates plan for continued water operations.
1515505	Ambs Drive Water Main Replacement Project	06/06/16	1,523,000	1,523,000	667,224	855,776	03/28/17	44%	100%	Field forces complete. Pending PW streets paving.
1515504	Arroyo Drive Water Main Replacement Project	11/14/16	2,040,000	2,040,000	337,382	1,702,618	03/28/17	17%	30%	Pipe line installation is underway.
1515609	Arlington Ave. & Western Ave. Water Main Replacement Project	06/06/16	1,241,000	1,241,000	485,452	755,548	03/28/17	39%	75%	Field Forces completed Phase 1 in November 2016. Phase 2 is almost complete. Phase 3 to begin shortly. Estimated completion in May 2017
1518913	Brockton Ave. & Palm Ave. Railroad Crossings Water Pipeline Replacement Project	08/22/16	688,000	688,000	552,371	135,629	03/28/17	80%	100%	Both Palm Ave and Brockton Ave sections of this project are completed. Progress payments are in process. NOC filed on 3/13/17.
1521905	Jackson Street Recycled Water Pipeline Phase 1	01/22/16	500,000	500,000	488,370	11,630	03/23/17	98%	99%	Phase 1 almost completed. Seeking additional funds.
1602941	Larchwood Place Water Main Replacement Project	10/16/15	865,000	865,000	365,768	499,232	03/01/17	42%	100%	Field Forces portion complete. Public Works paving complete.
1610216	Tree Irrigation System Project	02/19/16	240,000	240,000	202,619	37,381	01/26/17	84%	92%	Construction started 07/05/2016 and finished on 08/26/2016. Maintenance started 09/01/2016 and ends on 12/01/2016. Maintenance of the irrigation system has been extended to June 2017.
1619634	Water ODMS Portion of Enterprise Agreement with OSISOFT	05/09/16	1,245,000	1,245,000	835,791	409,209	05/09/16	67%	20%	Item approved by Board on 05/09/2016 for an additional appropriation of \$900,000 in current FY 16-17. Project currently underway. Estimated completion 07/31/2017.
1619730	Tenth and Eleventh Street Water Main Replacement Project	08/22/16	1,745,000	1,745,000	457,089	1,287,911	03/28/17	26%	65%	Phase 1 (11th St.) - field forces complete by mid-November, Phase 2 (10th St.) almost complete. Phase 3 & 4 are night work, beginning April 2017. Estimated completion June 2017.
1703247	Interstate 215 Barton Road Interchange 48-Inch Water Pipeline Relocation and Encasement Project	09/26/16	611,000	611,000	325,758	285,242	03/23/17	53%	100%	Pipe installation has been completed. NOC was filed on 3/13/17. Final payment is in process.
1703061	Arlington Avenue 16-Inch Water Main Extension Project	11/14/16	1,339,000	1,339,000	366,457	972,543	03/23/17	27%	65%	Pipe installation is underway. Payment is in process.
1712389	Raub 7 Well Groundwater Well Rehabilitation Project	02/13/17	267,288	267,288	8,869	258,419	03/23/17	3%	0%	Board approved on 02/13/17. Work began on 03/1/17. Anticipated completion is 05/1/17.
1712675	Raub 6 Well Groundwater Well Rehabilitation Project	02/13/17	297,582	297,582	4,977	292,605	02/23/17	2%	0%	Board approved on 02/13/17. Work begins on 04/30/17. Anticipated completion is 06/30/17.
1712676	Tippecanoe Well Groundwater Well Rehabilitation Project	02/13/17	301,454	301,454	7,143	294,311	03/23/17	2%	0%	Board approved on 02/13/17. Work began on 03/1/17. Anticipated completion is 05/1/17.
1712677	Gage 92-3 Well Groundwater Well Rehabilitation Project	02/13/17	264,626	264,626	4,418	260,208	02/23/17	2%	0%	Board approved on 02/13/17. Work begins on 04/30/17. Anticipated completion is 06/30/17.

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								% Spent	% Completed	
1712678	Flume 3 Well Groundwater Well Rehabilitation Project	02/13/17	255,672	255,672	7,105	248,567	03/23/17	3%	0%	Board approved on 02/13/17. Work began on 03/1/17. Anticipated completion is 05/1/17.

Total Water Fund - Open Work Orders

22,330,911	10,299,415	12,031,496
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Items in blue represent work orders with no activity in the last 60 days.



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: APRIL 24, 2017

GENERAL MANAGER'S REPORT

ITEM NO: 16

Riverside Public Utilities

Closed Work Order Reports

As of March 31, 2017

Riverside Public Utilities
 Closed Capital Work Order Summary Report - Electric Fund
 March 2017

Work Order Number	Description	Start Date	End Date	Estimated Cost	Work Order Actual	Variance	% Variance
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CLOSED Capital Work Orders with Budget or Actual Expenditures > \$200,000

VARIOUS	UA 21272-Caltrans 91 HOV - Various Locations	01/21/2011	02/14/2017	\$ 4,321,774	\$ 3,564,056	\$ 757,718	17.53%
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1) Note on Final Project Cost:

These Work Orders are part of a Caltrans reimbursable project. The final project cost, less salvage and depreciation value will be within the approved total reimbursed Work Order amount. Actual project costs are under the overall estimated cost. The original scope of work included all new underground distribution facilities, however during design, engineering staff was able to identify and utilize existing conduits and vaults which resulted in overall project savings.

2) Impact to Customer Service:

Replaced overhead and underground electric facilities. The new overhead and underground electrical system provided additional capacity, multiple feed points, and improved esthetics in the area.

3) Impact to System Reliability:

Electric infrastructure, including new wooden poles, conductors, conduits, vaults, and other electrical components were replaced for easier access, operation, overall system reliability, and safety.

WO 1227700	Magnolia - Plaza Reliability Project Phase 1	11/07/2014	03/06/2017	\$ 6,700,000	\$ 6,609,321	\$ 90,679	1.35%
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1) Note on Final Project Cost:

Project came in under budget. There were some changes in scope and unanticipated overtime that was covered by the project contingency.

2) Impact to Customer Service:

Increased the capacity of the station by the addition of T5 transformer and converting 4kV circuit to 12kV circuits.

3) Impact to System Reliability:

Improved the reliability of the substation by providing a backup transformer to T3 power transformer.

Total Electric Fund - Closed Work Orders

<u>\$ 11,021,774</u>	<u>\$ 10,173,377</u>	<u>\$ 848,397</u>
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Riverside Public Utilities
 Closed Capital Work Order Summary Report - Water Fund
 March 2017

Work Order Number	Description	Start Date	End Date	Estimated Cost	Work Order Actual	Variance	% Variance
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CLOSED Capital Work Orders with Budget or Actual expenditures > \$200,000

Please note: No Closed Water Work Orders over \$200,000
 to report for the month of March 2017.

Total Water Fund - Closed Work Orders

\$ -	\$ -	\$ -
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