

### RIVERSIDE PUBLIC UTILITIES

Board Memorandum

**BOARD OF PUBLIC UTILITIES** 

DATE: FEBRUARY 27, 2017

**GENERAL MANAGER'S REPORT** 

**ITEM NO**: 12

## **Riverside Public Utilities**

# Open Work Orders Greater than \$200,000

As of January 30, 2017

							Life to Date			Job	Status	
Project / Subproject	1	ign Work side	Job Title	Board	Board	Job	Total	Available	Last	(Based	on Board Est.)	
or WO	Outside	Design V Outside	JOS INC	Approval Date	Approved Estimate	Estimate "Project/WO"	as of 1/31/2017	Balance	Activity Date	% Spent	% Completed	COMMENTS
Recap of oper	n Wo	ork O	rders/Projects with Budgeted or Actual expenditure	s > \$200,000	)							
100051 / 04	nc	o ye	s UA 21272 - Caltrans 91 HOV - Various Relocation Projects (WO 1022592 & 1119435-1119445)	01/21/11	4,321,774	4,321,774	3,564,056	757,718	11/30/16	82%	95%	WO 1119435 is in close-out phase pending as-builts. WO 1022592 & 1119445 have been closed.
080022 / 01	nc	o ye:	s 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	ye	s ye:	s 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	nc	o 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-builting.
Project 050009	9 :		Conceptual Design Of Transmission Substation									
WO 642975	ye	s yes	s 230 KV Station Conceptual Design	03/05/15	42,605,521	42,605,521	24,882,312	17,723,209	01/26/17	58%	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 an approvals. Estimated construction start is 2nd quarter 2017.
WO 0812940	ye	s yes	s 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%	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	ye	s ye	s 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%	Closed 08/31/2011. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending form closure of STP project.
WO 1021988	ye	s ye	s 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%	Closed 02/01/2012.
WO 1022853	nc	o ye	s 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%	Closed 07/09/2012. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending form
WO 1022854	no	o ye:	s 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%	closure of STP project. Closed 06/18/2012. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending form closure of STP project.
WO 1022905	nc	o ye	s 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%	Closed 03/06/2012. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending form closure of STP project.
WO 1107488	nc	o no	Phase II STP - Vine St Poles	(1)	(1)	9,000	9,018	(18)	10/24/13	100%	100%	Closed 03/21/2012.
WO 1111059	ye	s ye	s STP Phase 2	(1)	(1)	7,000,000	5,326,618	1,673,382	10/31/14	76%	100%	Closed 10/14/2014. This WO is part of the Sub-transmission Project (STP) under project/Subproject 050009. Pending form closure of STP project.
				Total	050009 / 01:	66,702,365	43,188,127	23,514,238				S.C. S.

	1	I		1	1		Life to Date			Joh	Status	<u> </u>	
Project /	¥			Board	Board	Job	Total	Available	Last		on Board Est.)		
Subproject	side ign Work	de Work	Job Title	Approval	Approved	Estimate	as of	Balance	Activity	(Daseu		COMMENTS	
or WO	utsic	utsic		Date	Estimate	"Project/WO"	1/31/2017	Balance	Date	% Spent	% Completed	COMMENTS	
WO 1704094	0 0	ОΈ	Initiation of Eminent Domain proceedings to	10/24/16	444,000	444,000	1/31/2017	444,000	No activity	0%	0%	Board approved on 10/24/16. Scheduled for City Council on	
WO 1704034			acquire electrical facilities and real property interests from Southern California Edison within the City of Riverside	10/24/10	444,000	444,000		444,000	NO activity	078	0 76	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	199,365	293,635	12/20/16	40%	0%	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	1,492,287	819,713	01/18/17	65%	20%	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	47,191	412,809	01/27/17	10%	0%	Board approved on 10/24/16.	
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	4,917	1,145,083	12/29/16	0%	0%	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 Benya 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. Estimated completion 9/9/2019.	
WO 1607467			Replacement of Electrical Switch on Magnolia Ave. and Harrison Street.	10/24/16	230,000	230,000	33,598	196,402	01/26/17	15%	0%	In Construction phase. Construction started on 1/24/2017. Board Approved on 10/24/2016 for \$230,000.	
WO 1606533		yes	Installation of Circuit Tie on Palm Avenue South of Tequesquite Avenue for Circuit 454	06/27/16	228,000	228,000	185,265	42,735	02/01/17	81%	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	N/A	N/A	208,182	9,303	198,879	02/01/17	4%	0%	100% Customer/Developer Funded Project. Issued utility design plans and service fee letter to customer in December 2016.	
WO 1603079	yes	no	Springs & Orangecrest Substations 69 kV Breaker and Relay Replacement Project	02/19/16	1,700,000	1,700,000	861,496	838,504	01/26/17	51%	8%	Board Item #6 approved on 02/19/2016. Reviewing 60% drawing package.	
WO 1601400	yes	yes	Professional Service Agreement for the Substation Switchgear Upgrade Project	07/25/16	5,530,000	5,530,000	70,794	5,459,206	01/27/17	1%	3%	In the process of reviewing the 30% design package. Long lead items have been approved.	
WO 1525536	no	yes	Electrical Feeder Extension on Diana Ave Between Adams St and Monroe St	01/22/16	850,000	850,000	768,618	81,382	11/16/16	90%	100%	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	52,329	396,671	12/29/16	12%	90%	Board approved item# 3 on 07/25/2016. Construction completed, waiting for final invoicing from Contract Admin.	
WO 1524282	no	no	Land Mobile Radio (LMR) system	09/26/16	3,000,000	3,000,000	82,000	2,918,000	01/26/17	3%	0%	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%	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	230,007	1,215,993	01/27/17	16%	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 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%	Still active - issued to construction - 05/31/2016. However, construction is on hold by customer.	

Electric Work Orders 2017-01 Electric Open-Final

	ı	ı		<u> </u>			Life to Date			Joh	Status	<del>                                     </del>
Project /	ş	~		Board	Board	Job	Total	Available	Last		on Board Est.)	
Subproject or WO	ide gn Work	ide	Job Title	Approval	Approved	Estimate	as of	Balance	Activity		%	COMMENTS
	Outs Desi	Outs Field		Date	Estimate	"Project/WO"	1/31/2017		Date	% Spent	Completed	
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%	3%	Reviewing 60% drawing package.
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	3,105,749	94,251	10/20/16	97%	99%	Closed on 01/22/17.
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%	70%	Second phase to replace existing fiber in progress.
WO 1504019	yes	no	Freeman Substation Breaker Replacement Project	10/03/14	641,121	641,121	686,556	(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	1,046,486	786,514	01/31/17	57%	50%	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 1502504	no	yes	Riverside Substation Bay 4 Breaker Replacement Project	09/19/14	382,351	382,351	420,803	(38,452)	12/15/16	110%	100%	Closing WO
WO 1502322	no	yes	Underground Switch Replacement	11/21/14	245,000	245,000	264,831	(19,831)	06/01/16	108%	80%	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	1,349,000	67,917	1,281,083	12/08/16	5%	5%	WO approved by Board January 9th, 2017, Agreement with Asplundh (Lowest responsive and responsible Bidder) has been signed and is at City Clerks office waiting for approval. Estimated project start date 2/20/2017.
WO 1423746	no	yes	Fiber Use License Agreement With County of Riverside	01/22/16	325,000	325,000	163,595	161,405	01/26/17	50%	5%	Detail design in progress.
WO 1411795	no	yes	Magnolia4 kV to 12 kV Underground Conversion	04/02/15	2,250,000	2,250,000	1,540,017	709,983	12/29/16	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	63,202	470,849	11/03/16	12%	15%	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	992,203	182,797	01/31/17	84%	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	1,227,981	218,473	07/22/16	85%	95%	In Construction phase. Pending cable re-installation by RPU Crews.
WO 1319390	no	yes	Magnolia 4 kV to 12 kV Conversion Overhead Project	09/19/14	1,577,100	1,577,100	1,748,414	(171,314)	01/27/17	111%	94%	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	1,587,516	338,289	01/27/17	82%	70%	Construction in progress.
WO 1309568	no	yes	Distribution Automation Program	01/18/13	960,000	960,000	595,856	364,144	01/26/17	62%	25%	Grid Sensor updates are being conducted for new Ingenu Network.
WO 1227700	no	yes	Magnolia - Plaza Reliability Project Phase I	11/07/14	6,700,000	6,700,000	6,670,121	29,879	01/12/17	100%	99%	Construction completed. Pending as-built.
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.

						Life to Date			Job	Status	
Project / Subproject	Work	Job Title	Board	Board	Job	Total	Available	Last	(Based o	n Board Est.)	
or WO	side side	355 11115	Approval	Approved	Estimate	as of	Balance	Activity	% Spent	%	COMMENTS
	Out Out		Date	Estimate	"Project/WO"	1/31/2017		Date	·	Completed	
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	5,078,371	(78,371)	12/29/16	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	2,938,307	2,938,307	2,737,329	200,978	08/10/16	93%	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.
WO 0913192	yes yes	S Tyler Street Widening Project	08/07/15	816,000	816,000	776,217	39,783	09/22/16	95%	85%	PW Road Improvement Project: Contractor awarded with RPU Board approval, under construction.(Estimated Project completion Jan. 2017)

Total Electric Fund - Open Work Orders

140,144,188 92,614,484 47,529,704

#### 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.

Work		Board	Board		Life to Date Total		Last		Status on Board Est.)	
Order Number	Job Title	Approval Date	Approved Estimate	Job Estimate	as of 01/31/2017	Available Balance	Activity Date	% Spent	% Completed	Comments
Recap of op	en capital 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	1,326,863	273,137	11/17/16	83%	100%	Project complete. Pending punch list and final project close-out.
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	Construction of the 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 ( 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	2,079,863	450,537	12/21/16	82%	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	06/01/16	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	1,769	213,231	07/31/16	1%	0%	Per L. Ferrando 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	1,324,847	605,153	01/24/17	69%	100%	Paving is complete and work order was closed on 01/30/17. To be reported in February 2017 closed work order report.
1515505	Construction of the Ambs Drive Water Main Replacement Project	06/06/16	1,523,000	1,523,000	538,360	984,640	02/01/17	35%	60%	Field Forces to begin construction in summer 2016. Project is anticipated to to be completed in February 2017.
1515504	Arroyo Drive Water Main Replacement Project	11/14/16	2,040,000	2,040,000	125,433	1,914,567	01/27/17	6%	0%	Pipe line installation work begins on 02/02/2017.
1515609	Construction of the Arlington Avenue & Western Avenue Water Main Replacement Project	06/06/16	1,241,000	1,241,000	304,038	936,962	01/27/17	24%	35%	Field Forces completed Phase 1 in November 2016. Phases 2 & 3 have been moved out to begin in January 2017.
1518913	Construction of the Brockton Avenue & Palm Avenue Railroad Crossings Water Pipeline Replacement Project	08/22/16	688,000	688,000	78,357	609,643	01/26/17	11%	60%	Palm Ave side bore and jack work and installation of pipe was completed on 01/31/17. Brockton Ave side work is now underway as of 02/01/17.
1521905	Jackson Street Recycled Water Pipeline Phase 1	01/22/16	500,000	500,000	474,398	25,602	01/26/17	95%	99%	Phase 1 almost completed. Seeking additional funds.
1602941	Construction of the Larchwood Place Water Main Replacement Project	10/16/15	865,000	865,000	365,644	499,356	01/26/17	42%	100%	Field Forces portion complete. Public Works paving complete
1610216	Construction of the Tree Irrigation System Project	02/19/16	240,000	240,000	202,619	37,381	01/26/17	84%	92%	Contruction 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	774,326	470,674	05/09/16	62%	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	Construction of the Tenth and Eleventh Street Water Main Replacement Project	08/22/16	1,745,000	1,745,000	308,107	1,436,893	01/26/17	18%	30%	Phase 1 (10th St.) - Field Forces complete by mid-November , Phase 2 (11th St.) to begin in January 2017, after FOL (Festival of Lights).
1703247	Construction of the Interstate 215 Barton Road Interchange 48-Inch Water Pipeline Relocation and Encasement Project	09/26/16	611,000	611,000	34,628	576,372	01/26/17	6%	60%	60% of pipe installation has been completed to date. Final system shutdown and system connection will be completed by 02/10/17.
1703061	Construction of the Arlington Avenue 16-Inch Water Main Extension Project	11/14/16	1,339,000	1,339,000	29,534	1,309,466	01/27/17	2%	0%	Board approved on 11/14/2016.
Total Water	Fund - Open Work Orders		•	24,956,000	11,069,621	13,886,379				
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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: FEBRUARY 27, 2017

**GENERAL MANAGER'S REPORT** 

**ITEM NO**: 12

### **Riverside Public Utilities**

# **Closed Work Order Reports**

As of January 30, 2017

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 >	<b>\$200,000</b>									
WO 1014286	Streeter Ave RR Grade Separation from Lantana St. to Beatty Dr.	07/19/2012	11/01/2016	\$ 1,338,673	\$ 1,547,146	\$ (208,473)	-15.57%				
	1) Note on Final Project Cost:										
	The primary reason this project went over the initial estima resulted in the \$208k variance.	ited costs is due to	the complexi	ty of the project	. Additional elect	rical facilities were	installed which				
	2) Impact to Customer Service:										
	The overall impact to the City of Riverside Customer is improved reliability as UG (underground) equipment is more reliable and requires less maintenance. This project was done in addition to the Public Works Department's project to enchance safety and provide significant improvements to traffic flows along Streeter Avenue.										
	3) Impact to System Reliability:										
	Improves RPU's response time in the event of an unplanne consideration given to the surrounding aesthetics.	ed outage and add	ls additional s	ectionalizing ca	pabilities. The eq	uipment was desig	gned with				
Total Electric	Fund - Closed Work Orders			\$ 1,338,673	\$ 1,547,146	\$ (208,473)					

Work Order Number	Description	Start Date	End Date	Estimated Cost	Work Order Actual	Variance	% Variance
CLOSED Capita							
	Please note: No Closed Water Work Orders over \$200,000 o report for the month of January 2017.						
Total Water Fu	nd - Closed Work Orders			\$ -	\$ -	\$ -	<u>.</u>