

#### RIVERSIDE PUBLIC UTILITIES

Board Memorandum

**BOARD OF PUBLIC UTILITIES** 

DATE: NOVEMBER 27, 2017

**GENERAL MANAGER'S REPORT** 

**ITEM NO**: 12

#### **Riverside Public Utilities**

# Open Work Orders Greater than \$200,000

As of October 30, 2017

Project /			_		Year to Date	Life to Date		_		Status	
Subproject	Project Description	Board Approval	Board Approved	Project	Total as of	Total as of	Available Balance	Last Activity	,	on Proj. Est.)	Project Status
or WO		Date	Estimate <sup>(7)</sup>	Estimate	10/31/2017	10/31/2017	balance	Date	% Spent	% Completed	
					•				•		
Open Work O	rders/Projects with Budgeted or Actual expenditures > \$20	0,000									
Advanced <sup>3</sup>	Technology <sup>(3)</sup>										
1619634	Operational Data Management System - Electric	05/09/16	3,189,500	3,189,500	90,637	1,958,187	1,231,313	10/25/17	61%	65%	In implementation phase.
1707248	Advanced Metering Infrastructure - Electric	06/12/17	3,000,000	1,890,000	-	-	1,890,000	09/23/16	0%	2%	Developing business case.
		Subtotal	<u>-</u>	5,079,500	90,637	1,958,187	3,121,313				
Cable Repl	acement										
1409723	Canyon Crest Area Circuit 1215	11/06/15	1,175,000	1,175,000	2,590	1,030,891	144,109	10/19/17	88%	95%	As-builts in progress.
1319813	Canyon Crest Area Circuit 1218	04/10/17	967,000	967,000	(133,605)	282,519	684,481	10/05/17	29%	50%	In construction.
CIS Banner	Lingrado	Subtotal	-	2,142,000	(131,015)	1,313,410	828,590				
	. •										
1104202	CIS Replacement	06/01/12	8,859,000	8,859,000	2,530	8,304,998	554,002	11/30/16	94%	95%	Completed, pending closure.
City-Wide (	Communciations Network	Subtotal	-	8,859,000	2,530	8,304,998	554,002				
1719921	Magnolia Avenue	04/24/17	2,189,489	2,189,489	25,181	53,014	2,136,475	10/19/17	2%	15%	In construction.
1524282	Land Mobile Radio (LMR) system (Electric Portion)	09/26/16	3,000,000	1,650,000	111,874	1,680,048	(30,048)	10/19/17	102%	95%	Completed, pending closure.
1423750	Riverside Substation to Hunter Substation	04/24/17	465,000	465,000	19,450	50,260	414,740	10/19/17	11%	15%	In construction.
1423746	Fiber Use License Agreement - Riverside County	01/22/16	325,000	325,000	-	340,484	(15,484)	09/12/17	105%	100%	Closed.
		Subtotal	- -	4,629,489	156,505	2,123,806	2,505,683				
Distribution	n Automation Reliability										
1309568	Distribution Automation Program	01/18/13	960,000	960,000	2,530	682,539	277,461	10/18/17	71%	65%	In construction.
CO 165 Un	grades/Relocations	Subtotal	-	960,000	2,530	682,539	277,461				
-											
Various	GO-165 Pole Replacements - Citywide	09/25/17	1,125,000	1,125,000	-	-	1,125,000	No activity	0%	0%	Pending start date.
1804337	Four (4) Electrical Vaults & Manholes	09/25/17	557,000	557,000	1,936	1,936	555,064	08/24/17	0%	0%	Pending start date.
1722605	OH & UG Electric Dist. System Inspections	06/26/17	2,844,000	2,388,000	-	-	2,388,000	03/08/17	0%	0%	Pending start date.
		Subtotal	-	4,070,000	1,936	1,936	4,068,064				

Major Affice   Project Description of Wile   Project Description of Wile   Project Description of Wile   Project Description   Pro	Project /					Year to Date	Life to Date				Status	
Najer   Naje	Subproject	Project Description	Board	Board	Bustani	Total	Total	Available	Last			Project Status
1521822   Plaza Substation - Circuit 456	or WO				•			Вагапсе	-		, , ,	
1,446,000   1,44	Major 4/12	(v Conversions										
1,503 25   Magnolia Substation - Circuit 464   04/17/5   1,333,000   1,833,000   1,833,000   0   1,366,800   (17,98)   10/24/7   101%   100%   1 closing phase.    1411/35   Magnolia - Orderigorund Conversion   04/02/15   2,250,000   2,250,000   2,250,000   6,854   1,550,076   599,924   10/05/17   73%   93%   1 construction.    13133390   Magnolia - Overhead Conversion   04/02/15   2,550,000   2,250,000   2,250,000   6,854   1,550,076   599,924   10/05/17   73%   93%   1 construction.    1313390   Magnolia - Overhead Conversion   04/02/15   2,550,000   2,250,000   2,250,000   42,262   7,789,061   1,599,039   1,599,039   1,599,030   1,599,039   1	1521822	Plaza Substation - Circuit 456	09/18/15	933,000	933,000	-	131,926	801,074	06/01/17	14%	25%	In construction.
1	1521820	Plaza Substation - Circuit 452	09/18/15	1,446,000	1,446,000	279,577	948,823	497,177	09/27/17	66%	55%	In construction.
1411795   Magnolia - Underground Conversion   04/02/15   2,250,000   2,250,000   6,854   1,850,076   599,021   10/05/17   73%   95%   In construction.     1319380   Magnolia - Overhead Conversion   09/19/14   1,577,100   1,577,100   442,622   7,789,061   1,599,039   08/21/17   13%   95%   In construction.     1525358   Diana Avenue   01/22/6   850,000   850,000   754   800,637   49,863   7/13/17   94%   100%	1503125	Magnolia Substation - Circuit 46	04/17/15	1,833,000	1,833,000	155,831	1,904,798	(71,798)	10/24/17	104%	90%	In construction.
1313390   Magnolia - Overhead Conversion   09/191/4   1,577,10   1,577,100   42,262   7,789,061   1,599,039   1,	1501824	Plaza Substation - Circuit 454	09/18/15	1,349,000	1,349,000	0	1,366,960	(17,960)	10/02/17	101%	100%	In closing phase.
Major Feedborn Wilson Project	1411795	Magnolia - Underground Conversion	04/02/15	2,250,000	2,250,000	6,854	1,650,076	599,924	10/05/17	73%	90%	In construction.
Major Feeders         8 850.00	1319390	Magnolia - Overhead Conversion	09/19/14	1,577,100	1,577,100		1,786,478	(209,378)	06/21/17	113%	95%	In construction.
152558   Diana Avenue   162558   Diana Avenue   Diana Aven			Subtotal	<u>-</u>	9,388,100	442,262	7,789,061	1,599,039				
Major Oversions   Major Over	•		04/22/46	950,000	950,000	754	900 627	40.262	07/42/47	0.40/	4000/	Closed on 10/10/2017
1604758   7105 Old Frontage 215 Rd   20   20   208,182   1,462   190,406   17,776   992/177   99%   99%   Completed, pending as-builts.	1525536	Diana Avenue		850,000					07/13/17	94%	100%	Closed on 10/19/2017.
Paragraph   Para	Major Over	head/Underground Conversions		-	·							
Major Street Light Projects   Major Street Light LE.D. Conversion   07/25/16   1,150,000   1,150,000   22,588   224,585   925,415   10/05/17   20%   20%   In design.	1604758	7105 Old Frontage 215 Rd	(2)	(2)	208,182	1,462	190,406	17,776	09/21/17	91%	99%	Completed, pending as-builts.
Major Street Light Projects           1611216         Citywide Streetlight L.E.D. Conversion         07/25/16         1,150,000         1,150,000         22,588         224,585         925,415         10/05/17         20%         20%         In design.           1518574         Tyler Street Widening Project         08/07/15         141,000         141,000         192         233,478         (92,478)         08/10/17         85%         95%         Completed, pending as-builts.           Major Tract Distribution         11/06/15         320,000         320,000         -         13,740         306,260         06/01/16         4%         0%         On-hold.           070016/07         Tract 29596 Krameria Ave <sup>(4)</sup> 07/20/07         500,000         500,000         -         344,419         581         6/01/16         4%         0%         On-hold.           Major Tract 29515 Phase 2 & Sewer Lift Station <sup>(6)</sup> 11/16/07         345,000         345,000         -         344,419         581         6/01/16         4%         95%         Completed, pending as-builts.           Major Tract 29515 Phase 2 & Sewer Lift Station <sup>(6)</sup> 12/18/15         300,000         2,736         178,565         121,435         0/19/16         100         95%	0913192	Tyler Street Widening	08/07/15	816,000	816,000	<u>-</u>	871,531	(55,531)	09/30/17	107%	95%	Completed, pending as-builts.
1611216 Citywide Streetlight L.E.D. Conversion 07/25/16 1,150,000 1,150,000 22,588 224,585 925,415 10/05/17 20% 20% In design.  1518574 Tyler Street Widening Project 08/07/15 141,000 192 233,478 (92,478)  Major Tract Distribution  1518525 Jurupa Avenue - New Tract 28987 11/06/15 320,000 320,000 - 13,740 306,260 06/01/16 4% 0% On-hold.  070016 / 07 Tract 29596 Krameria Ave <sup>(4)</sup> 07/20/07 500,000 500,000 - 468,292 31,708 03/13/14 94% 95% In construction.  070016 / 07 Tract 29515 Phase 2 & Sewer Lift Station <sup>(5)</sup> 11/16/07 345,000 1,165,000 - 344,419 581 06/01/16 100% 95% Completed, pending as-builts.  Major Transission Line Projects  1503115 Freeman-Kaiser-Harvey Lynn 12/18/15 300,000 2,736 178,565 121,435 10/19/17 60% 50% Pending start date.  Neighborhood Streetlight Retrofit  152353 Wood Streets Streetlights Phase 2 02/13/17 2,300,000 2,300,000 - 1,791,660 117,940 03/01/16 94% 95% Completed, pending as-builts.		ALC: LA B. C. A.	Subtotal	-	1,024,182	1,462	1,061,937	(37,755)				
1518574   Tyler Street Widening Project   28/07/15   141,000   141,000   22,781   458,063   832,937   233,478   (92,478)   85%   95%   Completed, pending as-builts.   1518525   Jurupa Avenue - New Tract 28987   11/06/15   320,000   320,000   - 13,740   306,260   06/01/16   4%   0%   On-hold.   070016 / 07   Tract 29596 Krameria Ave <sup>(6)</sup>   07/20/07   500,000   500,000   - 468,292   31,708   33/141   94%   95%   In construction.   070016 / 07   Tract 29596 Krameria Ave <sup>(6)</sup>   07/20/07   500,000   500,000   - 346,892   31,708   03/13/14   94%   95%   In construction.   070016 / 07   Tract 29515 Phase 2 & Sewer Lift Station   Subtotal   11/16/07   345,000   345,000   - 344,419   581   06/01/16   100%   95%   Completed, pending as-builts.   06/01/16   100%   95%   Completed, pending as-builts.   06/01/16   100%   95%   Completed, pending as-builts.   06/01/16   100%   95%   06/01/16   100%   95%   06/01/16   100%   95%   06/01/16   100%   95%   06/01/16   0	Major Stree	t Light Projects										
Major Tract   Distribution   1,291,000   22,781   458,063   832,937	1611216	Citywide Streetlight L.E.D. Conversion	07/25/16	1,150,000	1,150,000	22,588	224,585	925,415	10/05/17	20%	20%	In design.
Major Tract   Distribution   1518525   Jurupa Avenue - New Tract 28987   11/06/15   320,000   320,000   -   13,740   306,260   06/01/16   4%   0%   On-hold.	1518574	Tyler Street Widening Project	08/07/15	141,000					08/10/17	85%	95%	Completed, pending as-builts.
070016 / 07 Tract 29596 Krameria Ave <sup>(4)</sup> 07/20/07 500,000 500,000 - 468,292 31,708 03/13/14 94% 95% In construction.  070016 / 02 Tract 29515 Phase 2 & Sewer Lift Station <sup>(5)</sup> 11/16/07 345,000 345,000 - 344,419 581 06/01/16 100% 95% Completed, pending as-builts.  Major Tramsmission Line Projects  1503115 Freeman-Kaiser-Harvey Lynn 12/18/15 300,000 300,000 2,736 178,565 121,435 10/19/17 60% 50% Pending start date.  Neighborhood Streetlight Retrofit  1523553 Wood Streets Streetlights Phase 2 02/13/17 2,300,000 2,300,000 - 1,791,660 117,940 03/01/16 94% 95% Completed, pending as-builts.	Major Tract	Distribution	Subtotal	-	1,291,000	22,781	458,063	832,937				
070016 / 02 Tract 29515 Phase 2 & Sewer Lift Station (5) Subtotal	1518525	Jurupa Avenue - New Tract 28987	11/06/15	320,000	320,000	_	13,740	306,260	06/01/16	4%	0%	On-hold.
Major Transmission Line Projects   1,165,000 - 826,450   338,550     Major Transmission Line Projects   1503115   Freeman-Kaiser-Harvey Lynn   12/18/15   300,000   300,000   2,736   178,565   121,435   10/19/17   60%   50%   Pending start date.   Subtotal   300,000   2,736   178,565   121,435   11	070016 / 07	Tract 29596 Krameria Ave <sup>(4)</sup>	07/20/07	500,000	500,000	_	468,292	31,708	03/13/14	94%	95%	In construction.
Major Transmission Line Projects         1503115       Freeman-Kaiser-Harvey Lynn       12/18/15       300,000       300,000       2,736       178,565       121,435       10/19/17       60%       50%       Pending start date.         Neighborhod Streetlight Retrofit         1523553       Wood Streets Streetlights Phase 2       02/13/17       2,300,000       2,300,000       876,389       1,361,890       938,110       10/24/17       59%       50%       In construction.         080022 / 01       Wood Streets Streetlights Phase I <sup>(6)</sup> 10/18/13       1,909,600       1,909,600       -       1,791,660       117,940       03/01/16       94%       95%       Completed, pending as-builts.	070016 / 02	Tract 29515 Phase 2 & Sewer Lift Station <sup>(5)</sup>	11/16/07	345,000	345,000	-		581	06/01/16	100%	95%	Completed, pending as-builts.
1503115 Freeman-Kaiser-Harvey Lynn 12/18/15 300,000 300,000 2,736 178,565 121,435 10/19/17 60% 50% Pending start date.  Subtotal 300,000 2,736 178,565 121,435	Major Tran	omission Line Braisets	Subtotal	-	1,165,000	-	826,450	338,550				
Subtotal       300,000       2,736       178,565       121,435         Neighborhod Streetlight Retrofit         1523553       Wood Streets Streetlights Phase 2       02/13/17       2,300,000       2,300,000       876,389       1,361,890       938,110       10/24/17       59%       50%       In construction.         080022 / 01       Wood Streets Streetlights Phase I <sup>(6)</sup> 10/18/13       1,909,600       -       1,791,660       117,940       03/01/16       94%       95%       Completed, pending as-builts.	-	·										
Neighborhood Streetlight Retrofit         1523553       Wood Streets Streetlights Phase 2       02/13/17       2,300,000       2,300,000       876,389       1,361,890       938,110       10/24/17       59%       50%       In construction.         080022 / 01       Wood Streets Streetlights Phase I <sup>(6)</sup> 10/18/13       1,909,600       -       1,791,660       117,940       03/01/16       94%       95%       Completed, pending as-builts.	1503115	Freeman-Kaiser-Harvey Lynn		300,000 _	•	•	•		10/19/17	60%	50%	Pending start date.
080022 / 01 Wood Streets Streetlights Phase I <sup>(6)</sup> 10/18/13 1,909,600 - 1,791,660 117,940 03/01/16 94% 95% Completed, pending as-builts.	Neighborh	ood Streetlight Retrofit	Subtotal	· <del>-</del>	300,000	2,736	178,565	121,435				
	1523553	Wood Streets Streetlights Phase 2	02/13/17	2,300,000	2,300,000	876,389	1,361,890	938,110	10/24/17	59%	50%	In construction.
Subtotal 4,209,600 876,389 3,153,550 1,056,050	080022 / 01	Wood Streets Streetlights Phase I <sup>(6)</sup>	10/18/13	1,909,600	1,909,600		1,791,660	117,940	03/01/16	94%	95%	Completed, pending as-builts.
			Subtotal	<u>-</u>	4,209,600	876,389	3,153,550	1,056,050				

Project /		Board	Board		Year to Date Total	Life to Date Total	Available	Last		Status	
Subproject or WO	Project Description	Approval	Approved	Project	as of	as of	Balance	Activity	%	%	Project Status
		Date	Estimate <sup>(7)</sup>	Estimate	10/31/2017	10/31/2017		Date	Spent	Completed	
RTRP and	STP Project										
642975	230 KV Station	03/05/15	42,605,521	42,605,521	347,159	26,258,057	16,347,464	10/19/17	62%	15%	In design.
812940	69 KV Station <sup>(1)</sup>	11/06/09	24,000,000	24,096,844	-	18,306,368	5,790,476	06/29/17	76%	99%	Completed, pending as-builts.
		Subtotal		66,702,365	347,159	44,564,425	22,137,940				
SCADA											
1024305	Electric SCADA System Upgrades	06/27/16	2,938,307	2,938,307	-	2,737,329	200,978	08/10/16	93%	99%	Completed, pending closure.
Substation	Bus and Upgrades	Subtotal		2,938,307	-	2,737,329	200,978				
1603079	Springs & Orangecrest	02/19/16	1,700,000	1,700,000	473	1,120,097	579,903	07/27/17	66%	60%	Pending construction.
1601400	Springs, Freeman and Mt. View	07/25/16	5,530,000	5,530,000	28,052	2,808,572	2,721,428	10/19/17	51%	45%	In construction.
1507210	RERC Control Power Improvement	10/23/17	272,000	272,000	3,670	22,155	249,845	10/19/17	8%	0%	In construction.
1311245	Orangecrest, Riverside, Springs & La Colina	03/21/14	1,925,805	1,925,805	(162,718)	1,808,901	116,904	10/19/17	94%	75%	In construction.
1411145	La Colina Switchgear 3 & 4	03/21/14	534,051	534,051	188,212	260,734	273,317	09/22/17	49%	25%	On-hold.
1020992	La Colina & Hunter	05/03/13	649,885	649,885	-	457,843	192,042	06/01/16	70%	90%	On-hold.
1024965	Electric Security Monitoring & Access Control	09/16/11	5,000,000	5,000,000	132	5,112,410	(112,410)	09/22/17	102%	100%	Closed.
		Subtotal		15,611,741	57,689	11,590,712	4,021,029				
Substation	Transformer Addition										
1619571	Plaza Substation	10/24/16	460,000	460,000	11,038	439,826	20,174	10/19/17	96%	95%	Completed, pending as-builts.
1514752	Mobile Substation #3	05/23/16	2,198,993	2,198,993	27,376	1,886,782	312,211	10/25/17	86%	95%	In commissioning phase.
SCE Conde	emnation Costs	Subtotal		2,658,993	38,414	2,326,608	332,385				
1704094	Annexation 95 & 99 areas	10/24/16	444.000	444,000			444,000	No activity	0%	0%	On-hold.
1704094	Allifexation 33 & 33 aleas	Subtotal	444,000	444,000			444,000	NO activity	U 76	U 76	On-noid.
		Justolai	:	777,300			777,000				
Total Electri	c Fund - Open Work Orders			132,323,277	1,912,768	89,870,278	42,451,063				

#### Notes:

- (1) This work is part of Project 050009 & included within the \$24,000,000 authorized by PU Board and includes various work orders closed in prior years.
- (2) 100% customer funded project
- (3) Advanced Technology projects includes both capital expenditures and professional services.
- (4) Work includes both WO 0704432 & 0704434
- (5) Work includes both WO 0702819 & 0702820
- (6) Work includes both WO 809099 & 0809101
- (7) Board approved estimate is the total amount of the work order which can include operating & maintenance costs as well as combined Electric & Water projects.

					Year to Date	Life to Date			Job	Status	
Project / Subproject	Project Description	Board	Board		Total	Total	Available	Last	(Based o	on Proj. Est.)	Project Status
or WO	,	Approval	Approved	Project	as of	as of	Balance	Activity	%	%	•
		Date	Estimate <sup>(7)</sup>	Estimate	10/31/2017	10/31/2017		Date	Spent	Completed	

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

					Year to Date	Life to Date			Job	Status	
Project / Subproject	Project Description	Board	Board		Total	Total		Last	(Based o	on Proj. Est.)	Project Status
or WO	2000	Approval	Approved	Project	as of	as of	Available	Activity	% Spant	% Completed	,
		Date	Estimate <sup>(2)</sup>	Estimate	10/31/2017	10/31/2017	Balance	Date	Spent	Completed	
Open Work (	Orders/Projects with Budgeted or Actual expenditures > \$	\$200,000									
Advanced	Technology <sup>(1)</sup>										
1707248	Advanced Metering Infrastructure - Water	06/12/17	3,000,000	1,110,000	-	-	1,110,000	09/23/16	0%	2%	Developing business case.
1619634	Operational Data Management System - Water	05/09/16	4,907,000	1,717,500	29,196	1,005,586	711,914	05/09/16	59%	65%	In implementation phase.
		Subtotal		2,827,500	29,196	1,005,586	1,821,914				
	agement System										
1424073	Water Asset Management	06/20/14	2,530,400	2,048,689	23,588	2,164,556	(115,867)	10/12/17	106%	98%	In monitor & control phase.
Aquifer St	orage & Recovery System	Subtotal		2,048,689	23,588	2,164,556	(115,867)				
•	Riverside North Aquifer Storage & Recovery	10/07/11	1,800,000	1,800,000	23,133	447,714	1,352,286	07/01/17	25%	10%	In environmental evaluation phase.
1202000	The state of the s	Subtotal	1,000,000	1,800,000	23,133	447,714	1,352,286		2070	1070	in on in one of the orange of
Developm	ent Costs		•	1,000,000		,	, , , , , , , , , , , , , , , , , , , ,	•			
1504840	Santa Ana River Habitat Conservation	09/05/14	325,000	325,000	-	134,256	190,744	06/30/17	41%	25%	In biological evaluation phase.
		Subtotal		325,000	-	134,256	190,744	<u>.</u>			
•	habilitation										
1806866	John W. North Treatment Plant Trains 1,2,3	10/23/17	530,000	530,000	-	-	530,000	No Activity	0%	0%	Pending replacement, 03/2018
1727627	John W. North Treatment Plant Trains 4,5	07/10/17	368,000	368,000	3,923	3,923	364,077	No Activity	1%	0%	Pending replacement, 10/2017
1712678	Flume 3 Groundwater Well	02/13/17	255,672	255,672	(26,166)	110,173	145,499	10/19/17	43%	100%	Completed, pending closure.
1712677	Gage 92-3 Groundwater Well	02/13/17	264,626	264,626	-	10,383	254,243	06/01/17	4%	0%	On-hold.
1712676	Tippecanoe Groundwater Well	02/13/17	301,454	301,454	27,552	223,415	78,039	10/19/17	74%	100%	Completed, pending closure.
1712675	Raub 6 Groundwater Well	02/13/17	297,582	297,582	35,659	47,516	250,066	10/05/17	16%	40%	In construction.
1712389	Raub 7 Groundwater Well	02/13/17	267,288	267,288	27,216	191,870	75,418	10/19/17	72%	100%	Completed, pending closure.
1524282	Land Mobile Radio (LMR) system (Wtr Portion)	09/26/16	3,000,000	1,350,000	-	1,283,051	66,949	08/10/17	95%	95%	Completed, pending commisioning.
1508449	Palmyrita Well	11/07/14	215,000	215,000	1,189	8,233	206,767	08/15/17	4%	5%	On-hold.
		Subtotal		3,849,622	69,373	1,878,564	1,971,058				

Project /					Year to Date	Life to Date				Status	
Subproject	Project Description	Board	Board		Total	Total		Last	(Based o	on Proj. Est.)	Project Status
or WO		Approval Date	Approved Estimate <sup>(2)</sup>	Project Estimate	as of 10/31/2017	as of 10/31/2017	Available Balance	Activity Date	Spent	Completed	
						<u>_</u>			-	<u> </u>	
Main Repl	acements										
1619730	Tenth and Eleventh Street	08/22/16	2,245,000	2,245,000	195,991	1,689,855	555,145	08/24/17	75%	100%	Completed, pending closure.
1602941	Larchwood Place	10/16/15	895,000	865,000	3,967	477,422	387,578	06/30/17	55%	100%	Completed, pending closure.
1515609	Arlington Ave. & Western Ave.	06/06/16	1,241,000	1,241,000	91,494	1,013,120	227,880	08/24/17	82%	85%	In construction.
1515505	Ambs Drive	06/06/16	1,523,000	1,523,000	11,390	1,110,120	412,880	08/24/17	73%	100%	Completed, pending closure.
1515504	Arroyo Drive	11/14/16	2,040,000	2,040,000	70,914	1,654,640	385,360	08/30/17	81%	100%	Completed, pending closure.
1513392	Colorado Ave and Toyon Road	05/22/17	2,978,000	2,978,000	455,924	646,413	2,331,587	10/24/17	22%	50%	In construction.
1507007	Jasmine and Columbus	10/03/14	679,000	679,000	-	-	679,000	No Activity	0%	0%	On-hold.
1422097	Indiana Avenue and Mary St.	07/10/17	2,017,000	2,017,000	29,457	140,575	1,876,425	10/19/17	7%	50%	In construction.
1415931	California and Monroe	12/12/14	973,500	973,500	-	820,305	153,195	06/01/17	84%	95%	On-hold. In litigation.
1107917	Magnolia Ave and Ramona Dr	04/10/17	2,704,000	2,704,000	1,542,358	1,929,548	774,452	10/24/17	71%	90%	In construction.
Danielad	Mata Facilities	Subtotal		17,265,500	2,401,496	9,481,998	7,783,502	-			
Recyclea	Water Facilities										
1722078	Jackson Street - Phase 1 & 2 Water Sites Retrofit	04/24/17	434,730	434,730	23,979	33,942	400,788	09/26/17	8%	10%	In construction.
1623724	Jackson Street - Phase 1B (Utility Potholing/Design)	10/23/17	433,000	433,000	22,779	69,518	363,482	09/26/17	16%	15%	In construction.
1521905	Jackson Street - Phase 1	01/22/16	8,609,000	8,609,000	1,012,596	1,551,126	7,057,874	09/27/17	18%	25%	In construction.
System Ex	vnansion	Subtotal		9,476,730	1,059,354	1,654,586	7,822,144	-			
System L	Chansion										
1703061	Crestlawn-Norco	11/14/16	1,339,000	1,339,000	81,555	1,187,775	151,225	09/21/17	89%	100%	Completed, pending closure.
1615173	Water Cust. Development - 58 Magnolia Ctr.	(3)	(3)	237,767	235,325	235,325	2,442	10/18/17	99%	90%	Pending pavement completion.
Hillity Aar	eement Projects - Caltrans SR-91 HOV	Subtotal		1,576,767	316,880	1,423,100	153,667	-			
, ,	•	44/40/44	1 FFF 000	1 555 000	(25.244)	4FF 202	1 000 710	00/07/47	200/	000/	Completed pending elecure
	UA 21699 - Misc. Utility Relocations	11/18/11	1,555,000	1,555,000	(35,311)	455,282	1,099,718	09/27/17	29%	99%	Completed, pending closure.
1112059	UA 21702 - Ivy St Bridge	08/19/11 <b>Subtotal</b>	1,600,000	1,600,000 <b>3,155,000</b>	(26,413) ( <b>61,725</b> )	1,333,551 1,788,833	266,449 <b>1,366,167</b>	09/27/17	83%	99%	Completed, pending closure.
		2						<b>-</b> -			
Total Wate	r Fund - Open Work Orders		;	42,324,808	3,861,295	19,979,193	22,345,615	<b>=</b>			

#### NOTE:

- (1) Advanced Technology projects includes both capital expenditures and professional services.
- (2) Board approved estimate is the total amount of the work order which can include operating & maintenance costs as well as combined Electric & Water projects.
- (3) 100% Customer funded project

					Year to Date	Life to Date			Job	Status	
Project / Subproject	Project Description	Board	Board		Total	Total		Last	(Based or	n Proj. Est.)	Project Status
or WO		Approval	Approved	Project	as of	as of	Available	Activity	%	%	. reject clatae
		Date	Estimate <sup>(2)</sup>	Estimate	10/31/2017	10/31/2017	Balance	Date	Spent	Completed	

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



#### RIVERSIDE PUBLIC UTILITIES

#### Board Memorandum

**BOARD OF PUBLIC UTILITIES** 

DATE: NOVEMBER 27, 2017

**GENERAL MANAGER'S REPORT** 

**ITEM NO**: 12

#### **Riverside Public Utilities**

# **Closed Work Order Reports**

As of October 30, 2017

Project / Subproject or WO	Project Description	Start Date End	Date	Board Approved Estimate		Final Project Cost		/ariance	% Variance
CLOSED Cap	oital Work Orders with Budget or Actual expenditures	> \$200,000							
	Line Rebuilds								
1606533	Palm Avenue Circuit 454	06/27/2016 09/20	/2017	\$ 228,000	\$	273,379	\$	(45,379)	-19.90%
	1) Note on Final Project Cost:								
	Additional protective devices for electrical system protection	tion were added to the sco	oe of wo	ork, resulting in	addit	ional cost.			
	2) Impact to Customer Service:								
	The installation of the additional protecting devices will h	elp reduce the total numbe	r of cus	tomers interrup	ted d	uring an out	age ir	the area.	
	3) Impact to System Reliability:								
	Electric system reliability in the area has improved.								

\$ 228,000 \$ 273,379

(45,379)

**Total Electric Fund - Closed Work Orders** 

Project / Subproject or WO	Project Description	Start Date	End Date	Board Approved Estimate	Final Project Cost	 Variance	% Variance
CLOSED Cap	oital Work Orders with Budget or Actual expenditures > \$200,0	00					
	Pump Station Expansion						
1610216	Riverside Golf Course Drip Irrigation System	2/19/2016	8/25/2017	\$ 240,000	\$ 233,488	\$ 6,512	2.71%
	1) Note on Final Project Cost:						
	Project was completed within budget.						
	2) Impact to Customer Service:						
	The project saves water and maintains tree health at the golf cou	ırse.					
	3) Impact to System Reliability:						
	The project increased efficiency in watering the trees at the golf of	course.					
	Main Replacements						
1518913	Brockton Ave. & Palm Ave. Railroad Crossings	7/1/2016	8/9/2017	\$ 688,000	\$ 659,816	\$ 28,184	4.10%
	1) Note on Final Project Cost:						
	Project was completed within budget.						
	2) Impact to Customer Service:						
	The project ensures delivery of uninterrupted water service to the	community.					
	3) Impact to System Reliability:						
	The project restores water system reliability by replacing old and	undersized <sub>l</sub>	pipelines in th	ne neighborhood	ls.		
Total Water F	Fund - Closed Work Orders		-	\$ 928,000	\$ 893,304	\$ 34,696	