

**Riverside Public Utilities
Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
June-20**

Item 10

Project / Subproject or WO	Project Description	Board Approval Date	Board Approved Estimate ⁽¹⁾	Project Estimate ⁽²⁾	Year to Date	Life to Date	Available Balance	Last Activity Date	Job Status		Project Status
					Total	Total			(Based on Proj. Est.)		
					as of 6/30/2020	as of 6/30/2020			% Spent	% Completed	
Open Work Orders/Projects with Budgeted or Actual expenditures > \$200,000											
OVERHEAD											
Various	GO-165 Pole Replacements - Citywide	06/10/19	2,301,305	2,301,305	-	758,055	1,543,250	Various	33%	0%	Pending start date
080022 / 01	Wood Streets Streetlights Phase I ⁽⁵⁾	10/18/13	1,909,600	1,909,600	-	1,792,642	116,958	06/14/18	94%	95%	Pending Asbuilt plans. Due to Covid19 Minimum staffing order, Asbuilts plans will be delayed.
1503112	Plaza substation - Circuit 450	01/28/19	2,174,000	2,174,000	303,508	1,283,541	890,459	5/1/2020	59%	60%	In construction (on hold due to staff assigned to emergency jobs)
1521822	Plaza Substation - Circuit 456	09/18/15	933,000	933,000	6,356	1,136,291	(203,291)	10/31/19	122%	95%	Completed, pending as-builts.
1523553	Wood Streets Streetlights Phase 2	02/13/17	2,300,000	2,300,000	-	2,122,524	177,476	01/31/19	92%	95%	Completed, pending as-builts.
1708708	Plaza Sub 4/12kV Conversion Circuit 441	08/12/19	2,038,000	2,038,000	100,014	154,417	1,883,583	06/05/20	8%	0%	In construction.
1708710	Plaza Substation - Circuit 458	04/09/18	1,170,000	1,170,000	-	665,196	504,804	06/17/19	57%	95%	Completed, pending as-builts.
1808449	Plaza Substation - Circuit 448	07/09/18	973,000	973,000	471	539,015	433,985	10/31/19	55%	95%	Completed, pending as-builts.
1808451	Plaza Substation - Circuit 443	03/29/18	415,000	415,000	26,357	390,912	24,088	10/31/19	94%	95%	Completed, pending as-builts.
Subtotal of OVERHEAD				14,213,905	436,707	8,842,593	5,371,312				
UNDERGROUND											
1505212	Canyon Crest Area 1F (Phase 2)	01/28/19	1,430,000	1,430,000	20,563	1,374,708	55,292	10/31/19	96%	95%	Completed, pending as-builts.
1713398	Canyon Crest Area 1F (Phase 1)	01/08/18	739,000	739,000	-	743,429	(4,429)	03/21/19	101%	100%	Completed, pending as-builts.
1724058	Canyon Crest Area 2 Cable Rejuvenation Project	03/25/19	746,000	746,000	281,358	363,086	382,914	05/28/20	49%	95%	Pending as-built (Contracts Admin to follow up with contractor)
1833153	Conduit and Structure Installation for the Cable Replacement Project	09/23/19	740,000	740,000	616,746	642,962	97,038	04/01/20	87%	95%	Completed, pending as-builts.
1903658	Electrical Engineering Design Services for Pole/Vault Placement and Reconductor Project	11/25/19	435,000	435,000	-	-	435,000	09/10/19	0%	5%	In Design
Subtotal of UNDERGROUND				4,090,000	918,667	3,124,185	965,815				
SUBSTATION											
1407577	Metal Gate Replacement	04/09/18	337,699	337,699	21,003	55,313	282,386	05/14/20	16%	95%	In construction
1601400	Springs, Freeman and Mt. View	07/25/16	5,530,000	5,530,000	443,698	5,455,310	74,690	05/01/20	99%	99%	Completed,pending closure
1603079	Springs & Orangecrest Equip. Replacement Proj.	02/19/16	1,700,000	1,700,000	120,310	1,579,869	120,131	04/01/20	93%	60%	On hold
1808341	Substation Utility Storage Facility	06/11/18	407,385	407,385	41,900	244,714	162,671	12/31/19	60%	70%	On hold
1814007	Substation Capacitor Upgrade Project	01/22/18	5,306,000	5,306,000	854,133	4,880,219	425,781	06/03/20	92%	98%	Pending as-built
1816163	Substation Automation Upgrade Project	02/26/18	2,027,679	2,027,679	275,199	1,406,360	621,319	05/28/20	69%	60%	7 substations are in design - RERC Design Completed,Casa, Plaza & University Constructions are completed
1822052	Harvey Lynn Substation Site Expansion	10/22/18	2,100,000	2,100,000	679,579	1,878,491	221,509	05/31/20	89%	93%	Wall and street completed. Pending on landscaping.
1826061	Riverside power plants Arc Flash Mitigation	06/11/18	497,000	497,000	15,915	33,408	463,592	06/10/20	7%	3%	On hold
1826998	Multi-Substation Circuit Breaker Remote Racking Project	11/26/18	619,000	619,000	145,326	604,080	14,920	05/01/20	98%	99%	Construction complete pending as-built
1826767	Hunter Substation Replacement Project	01/14/19	2,000,000	2,000,000	433,844	623,329	1,376,671	05/28/20	31%	40%	In design
1822318	Multi Substation Transformer Upgrade/ Recondition	06/25/18	3,082,617	3,082,617	269,060	2,882,202	200,415	05/28/20	93%	95%	Completed, pending as-builts.
1810532	Freeman Switchgear and Transformer Upgrade	11/05/18	5,463,000	5,463,000	2,861,152	2,947,456	2,515,544	06/10/20	54%	70%	Completed the construction of phase 1 and 2. Phase 3 is in construction

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									% Spent	% Completed	
1906356	Multi Substation - 69kV Circuit Breakers Replacement	09/23/19	3,500,000	3,500,000	889,338	915,063	2,584,937	06/11/20	26%	12%	Ordered equipment for the phase one and two. Design in progress. Construction on hold.
1927285	La Colina Switchgear 3&4 Replacement Project	06/10/19	480,000	480,000	96,485	100,983	379,017	03/19/20	21%	15%	In design
1927495	Plaza & Riverside Line Relay Replacement Project	06/10/19	492,000	492,000	411,153	411,153	80,847	06/03/20	84%	60%	In construction
1910518	Substation Protection Support for Multiple Substations, with Stantec Consulting Services Inc.	11/25/19	480,000	480,000	1,812	8,732	471,268	09/23/19	2%	10%	In design
2002530	Multi Substation Transformer Upgrade and Reconditioning	02/24/20	1,883,000	1,883,000	-	-	1,883,000	05/26/20	0%	0%	In design
Subtotal of SUBSTATION				35,905,380	7,559,906	24,026,682	11,878,698				
RECURRING/OBLIGATION TO SERVE											
070016 / 07	Tract 29596 Krameria Ave ⁽⁴⁾	07/20/07	500,000	500,000	-	468,292	31,708	03/13/14	94%	95%	In construction.
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.
1309568	Distribution Automation Program	01/18/13	960,000	960,000	76	685,936	274,064	09/30/19	71%	65%	In construction.
1423748	Freeman Substation to Orangecrest Substation	10/22/18	1,265,000	1,265,000	464,185	694,661	570,339	06/05/20	55%	60%	In construction Phase
1503115	Freeman-Kaiser-Harvey Lynn	12/18/15	380,000	380,000	993	227,514	152,486	04/02/20	60%	50%	Agreement being routed for signatures, start date pending
1518525	Jurupa Avenue - New Tract 28987	11/06/15	320,000	320,000	52,228	65,968	254,032	06/09/20	21%	0%	In construction.
1524282	Land Mobile Radio (LMR) system (Electric Portion)	09/26/16	3,000,000	1,650,000	239,358	1,932,310	(282,310)	05/28/20	117%	95%	Completed, pending closure.
1611216	Citywide Streetlight L.E.D. Conversion	07/25/16	1,150,000	1,150,000	121,931	836,567	313,433	05/05/20	73%	70%	ON HOLD
1709454	12 kV Electrical Feeders for the California Air Resources Board Project	01/14/19	757,000	757,000	508,771	747,838	9,162	02/06/20	99%	95%	Meter and Service expected to be energized by May 1, 2020.
1711020	Fiber Management System and Professional Services Project	08/26/19	650,000	650,000	270,919	299,788	350,212	05/28/20	46%	40%	IT dept. Installing software.
1719921	Magnolia Avenue Fiber Installation	04/24/17	2,189,489	2,189,489	192,770	2,229,431	(39,942)	03/19/20	102%	100%	Completed, pending as-builts.
1722321	Norte Vista Sidwalk Improvements Project	02/12/18	888,000	888,000	79,331	746,064	141,936	01/28/20	84%	95%	In construction.
1725687	Wells-Arlanza Sidewalk Improvements Project	01/08/18	460,000	460,000	-	418,894	41,106	06/01/19	91%	95%	In construction.
1819765	Canyon Crest Areas 3 and 4 for Cable Rejuvenation	07/22/19	1,479,000	1,479,000	788,667	821,032	657,968	05/28/20	56%	0%	Construction recently finalized. Pending as-built (Contracts Admin to follow up with inspector)
1822537	Smart Grid Communication System Project	07/22/19	459,000	459,000	62,534	87,641	371,359	06/03/20	19%	20%	Consultant study / report in progress
1917203	Auto Center Reliability Project	04/22/19	250,000	250,000	134,867	170,698	79,302	06/05/20	68%	12%	ON HOLD
1807494	Magnolia Ave Street Improvemmts Project from Buchanan St to Banbury Dr	12/09/19	382,000	382,000	5,275	10,798	371,202	06/04/20	3%	2%	In Construction. PW is lead on Project.
1816079	Magnolia Ave Street Improvemmts Project from Buchanan St to Banbury Dr	12/09/19	378,000	378,000	2,332	35,728	342,272	01/23/20	9%	5%	In Construction. PW is lead on Project.
1826227	Magnolia Ave Street Improvemmts Project from Buchanan St to Banbury Dr	12/09/19	602,000	602,000	5,006	14,314	587,686	03/05/20	2%	5%	In Construction. PW is lead on Project.
1818275	Iowa Avenue Improvements Projects from MLK Blvd to University Ave	04/13/20	1,430,000	1,430,000	36,402	113,917	1,316,083	05/01/20	8%	5%	Design is complete. In Construction with Public Works, start Construction Mid June, 2020.
Subtotal of RECURRING/OBLIGATION TO SERVE				19,087,796	2,965,643	13,344,720	5,743,076				

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									% Spent	% Completed	
System Automation											
1707248	Advanced Metering Infrastructure - Electric	06/12/17	8,678,650	8,678,650	2,002,412	2,240,017	6,438,633	08/26/19	26%	35%	Alpha phase complete; Beta set-up and testing underway
1619634	Operational Data Management System - Electric	05/09/16	4,907,000	2,474,500	26,641	2,510,050	(35,550)	06/15/20	101%	85%	In implementation phase
1911437	Citywide Geographic Information System Tech. Upgrade Project	12/10/18	1,206,521	480,000	-	-	480,000	11/07/18	0%	1%	Board approval 12/10/18
1914017	Cyber Security Upgrade Project RERC and Springs	03/25/19	220,024	220,024	-	179,491	40,533	06/17/19	82%	10%	Board approved 4/25. Equipment on hand.
1916742	Phase 1 LED Conversion	06/24/19	8,560,000	8,560,000	39,022	39,302	8,520,698	05/28/20	0%	0%	ON HOLD
1718078	Streetlight Replacement Proj- Phase 3	07/22/19	1,849,000	1,849,000	273,921	373,610	1,475,390	05/28/20	20%	52%	In Construction.
Subtotal of SYSTEM AUTOMATION				22,262,174	2,341,996	5,342,470	16,919,704				
OTHER PROJECT											
1104202	CIS Replacement	06/01/12	9,200,000	8,859,000	82,055	8,788,446	70,554	06/24/19	99%	95%	Completed, pending closure.
Subtotal of OTHER PROJECT				8,859,000	82,055	8,788,446	70,554				
RTRP											
050009/01	Riverside Transmission Reliability Project (RTRP) (6)	01/20/06	71,605,521	71,605,521	(8,710,452)	23,932,549	47,672,972	06/06/20	57%	17%	Phase I construction (69kV) in progress, Remaining project pieces in Planning and Design
Subtotal of RTRP				71,605,521	(8,710,452)	23,932,549	47,672,972				
GRAND TOTAL ELECTRIC FUND - Open Work Orders				176,023,776	5,594,522	87,401,645	88,622,131				

Notes:

(1) Board approved estimate is the total approved amount of the work order which can include operating & maintenance costs as well as combined Electric & Water projects.

(2) Project estimate reflects Electric capital portion only.

(4) Work includes both WO 0704432 & 0704434

(5) Work includes both WO 809099 & 0809101

(6) Work includes WO 642975, WO 2006768 & WO 2001119.

WO 2006768 has a Board Approval 11-25-19 with Estimate of 4,109,600 (which is within the amount of 71,605,521)

WO 2001119 has a Board Approval 08-26-19 with Estimate of 585,000 (which is within the amount of 71,605,521)

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