

Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
Apr-21

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 4/30/2021	as of 4/30/2021			% 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	773,550	1,652,597	648,708	Various	72%	85%	Construction Complete, pending as-built.
080022 / 01	Wood Streets Streetlights Phase I ⁽³⁾	10/18/13	1,909,600	1,909,600	-	1,518,100	391,500	06/14/18	79%	95%	Pending as-builts plans. Will talk to Designer to see if we can close work order, and create a child work order for pending as-builts.
1503112	Plaza substation - Circuit 450	01/28/19	2,174,000	2,174,000	234,702	1,419,648	754,352	2/25/2021	65%	60%	No change. In construction (on intermittent hold due to staff assigned to emergency jobs).
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	397,136	723,374	1,314,626	06/05/20	35%	15%	Still under construction.
1808449	Plaza Substation - Circuit 448	07/09/18	973,000	973,000	-	539,015	433,985	02/06/21	55%	95%	Completed, pending as-builts.
1904777	Plaza Substation 4kV to 12kV	12/22/20	4,450,000	4,450,000	13,862	185,798	4,264,202	12/31/20	4%	1%	In Construction.
Subtotal of OVERHEAD					16,145,905	1,419,249	8,161,056	7,984,849			
UNDERGROUND											
1833153	Conduit and Structure Installation for the Cable Replacement Project	09/23/19	740,000	740,000	8,412	651,374	88,626	04/01/20	88%	95%	Completed, pending as-builts. Work order ready to be closed, will create a child WO for as-builts.
1903658	Electrical Engineering Design Services for Pole/Vault Placement and Reconductor Project	11/25/19	435,000	435,000	341,892	282,625	152,375	09/10/19	65%	5%	In Design.
Subtotal of UNDERGROUND					1,175,000	350,303	933,999	241,001			
SUBSTATION											
1407577	Metal Gate Replacement	04/09/18	337,699	337,699	37,466	348,223	(10,524)	02/18/21	103%	98%	Completed, pending as-builts.
1603079	Springs & Orangecrest Equipment Replacement Project	02/19/16	1,700,000	1,700,000	439	1,580,308	119,692	02/04/21	93%	90%	On-hold. Will resume construction in 11/1/21.
1808341	Substation Utility Storage Facility	06/11/18	407,385	407,385	-	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	50,089	4,953,832	352,168	02/18/21	93%	98%	Completed, pending as-builts.
1816163	Substation Automation Upgrade Project	02/26/18	2,027,679	2,027,679	149,671	1,614,232	413,447	02/04/21	80%	75%	In implementation phase.
1822052	Harvey Lynn Substation Site Expansion	10/22/18	2,100,000	2,100,000	107,224	2,134,063	(34,063)	10/20/20	102%	98%	Completed, pending as-builts.
1826061	Riverside power plants Arc Flash Mitigation	06/11/18	497,000	497,000	-	33,408	463,592	06/10/20	7%	3%	On-hold.
1826767	Hunter Substation Replacement Project	01/14/19	2,000,000	2,000,000	294,356	1,117,126	882,874	02/03/21	56%	70%	In design - Pending Council approval of CEQA.
1822318	Multi Substation Transformer Upgrade/ Recondition	06/25/18	3,082,617	3,082,617	26,787	2,931,676	150,941	12/27/20	95%	95%	Completed, pending as-builts.
1810532	Freeman Switchgear and Transformer Upgrade	11/05/18	5,463,000	5,463,000	1,550,532	5,048,288	414,712	03/01/21	92%	85%	In Construction.
1906356	Multi Substation - 69kV Circuit Breakers Replacement	09/23/19	6,500,000	6,500,000	706,143	2,199,458	4,300,542	06/11/20	34%	30%	In implementation phase.
1927285	La Colina Switchgear 3&4 Replacement Project	06/10/19	480,000	480,000	18,925	124,223	355,777	03/19/20	26%	15%	On hold.
1927495	Plaza & Riverside Line Relay Replacement Project	06/10/19	492,000	492,000	1,549	491,509	491	09/22/20	100%	90%	In Construction.
1910518	Substation Protection Support for Multiple Substations, with Stantec Consulting Services Inc.	11/25/19	480,000	480,000	50,851	125,960	354,040	09/23/19	26%	25%	In implementation phase.
2002530	Multi Substation Transformer Upgrade and Reconditioning	02/24/20	1,883,000	1,883,000	331,361	331,361	1,551,639	05/26/20	18%	90%	In Construction.
2021755	Riverside Substation 15kV Relay Replacement Project	09/14/20	900,000	900,000	204,010	317,018	582,982	02/18/21	35%	30%	In Construction.
Subtotal of SUBSTATION					33,656,380	3,529,404	23,595,399	10,060,981			

Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
Apr-21

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 4/30/2021	as of 4/30/2021			% Spent	% Completed	
RECURRING/OBLIGATION TO SERVE											
070016 / 07	Tract 29596 Krameria Ave ⁽⁴⁾	07/20/07	500,000	500,000	-	457,499	42,501	03/13/14	91%	95%	Work should be completed in CADME and the job in SPL should be able to be closed out as well.
1309568	Distribution Automation Program	01/18/13	960,000	960,000	-	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	250,544	1,039,835	225,165	02/18/21	82%	80%	Installation of new fiber completed. Removal of old fiber in progress.
1503115	Freeman-Kaiser-Harvey Lynn	12/18/15	380,000	380,000	171,690	400,161	(20,161)	02/25/21	105%	95%	Completed, Pending as-builts.
1518525	Jurupa Avenue - New Tract 28987	11/06/15	320,000	320,000	5,583	124,271	195,729	02/18/21	39%	1%	Job is partially released.
1611216	Citywide Streetlight L.E.D. Conversion	07/25/16	1,150,000	1,150,000	2,296	850,973	299,027	11/12/20	74%	70%	In Design.
1709454	12 kV Electrical Feeders for the California Air Resources Board Project	01/14/19	757,000	757,000	-	747,943	9,057	06/11/20	99%	99%	Completed and pending closure.
1711020	Fiber Management System and Professional Services Project	08/26/19	650,000	650,000	92,836	396,528	253,472	02/18/21	61%	70%	Data Migration and training completed. Data needs to be validated by engineering and IT GIS group.
1722321	Norte Vista Sidewalk Improvements Project	02/12/18	888,000	888,000	-	746,064	141,936	01/28/20	84%	95%	Completed, pending as-builts.
1725687	Wells-Arlanza Sidewalk Improvements Project	01/08/18	460,000	460,000	-	418,894	41,106	06/01/19	91%	95%	Completed, pending as-builts.
1819765	Canyon Crest Areas 3 and 4 for Cable Rejuvenation	07/22/19	1,479,000	1,479,000	6,388	829,122	649,878	02/18/21	56%	90%	Completed. Work Order in process of being closed.
1822537	Smart Grid Communication System Project	07/22/19	459,000	459,000	67,594	157,234	301,766	02/18/21	34%	40%	Consultant study / report in progress.
1917203	Auto Center Reliability Project	04/22/19	250,000	250,000	22,221	212,145	37,855	12/31/20	85%	90%	Reclosers installed. Pending communications work.
1807494	Magnolia Ave Street Improvements Project from Buchanan St to Banbury Dr.	12/09/19	382,000	382,000	278,451	293,285	88,715	06/04/20	77%	2%	In Construction. Public Works is lead on Project.
1816079	Magnolia Ave Street Improvements Project from Buchanan St to Banbury Dr.	12/09/19	378,000	378,000	339,793	375,521	2,479	01/23/20	99%	80%	In Construction. PW is lead on Project. Conduit & pull boxes installation in progress.
1826227	Magnolia Ave Street Improvements Project from Buchanan St to Banbury Dr.	12/09/19	602,000	602,000	210,851	225,165	376,835	03/05/20	37%	50%	In Construction. PW is lead on Project. Phase I - Conduit & pull boxes installation in progress.
1818275	Iowa Avenue Improvements Projects from MLK Blvd to University Ave.	04/13/20	1,430,000	1,430,000	545,240	660,887	769,113	02/18/21	46%	20%	In Construction with Public Works.
Subtotal of RECURRING/OBLIGATION TO SERVE				12,310,000	1,993,486	8,621,463	3,688,537				
System Automation											
1707248	Advanced Metering Infrastructure - Electric	06/12/17	8,678,650	8,678,650	3,333,870	5,579,504	3,099,146	08/26/19	64%	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	-	2,510,050	(35,550)	02/10/21	101%	95%	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	(896)	178,595	41,429	08/31/20	81%	99%	Completed, Pending Closure.
1916742	Phase 1 LED Conversion	06/24/19	8,560,000	8,560,000	2,096,397	4,105,944	4,454,056	05/28/20	48%	1%	In Design / Contract Admin.
1718078	Streetlight Replacement Project- Phase 3	07/22/19	1,849,000	1,849,000	244,161	779,310	1,069,690	02/18/21	42%	52%	In Construction.
Subtotal of SYSTEM AUTOMATION				22,262,174	5,673,532	13,153,403	9,108,771				
OTHER PROJECT											
1104202	CIS Replacement	06/01/12	9,200,000	8,859,000	13,748	8,802,193	56,807	06/24/19	99%	95%	In implementation phase (in progress).
Subtotal of OTHER PROJECT				8,859,000	13,748	8,802,193	56,807				
RTRP											
050009/01	Riverside Transmission Reliability Project (RTRP) ⁽⁵⁾	01/20/06	216,515,521	216,515,521	3,475,190	47,811,352	168,704,169	09/22/20	22%	17%	Phase I construction (69kV) in progress, remaining project pieces in Planning and Design stages.
Subtotal of RTRP				216,515,521	3,475,190	47,811,352	168,704,169				
GRAND TOTAL ELECTRIC FUND - Open Work Orders											
				310,923,980	16,454,912	111,078,865	199,845,115				

Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
Apr-21

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 as of 4/30/2021	Total as of 4/30/2021			(Based on Proj. Est.)		
									% Spent	% Completed	

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.

(3) Work includes both WO 0809099 & 0809101

(4) Work includes both WO 0704432 & 0704434

(5) Work includes WO 642975, Subwo's 2001119, 2006768, 2016660, 2026813, 2105854, 2111094.

Board Memo 08-24-20 WO 642975 increase of \$ 144,910,000, approved by Council 2021, for a total of 216,515,521.

Board Approval 08-26-19 WO 2001119, estimate of \$ 676,850

Board Approval 11-25-19 WO 2006768, estimate of \$ 4,109,600

Board Approval 01-27-20 WO 2016660, estimate of \$1,409,904

Board Approval 06-08-20 WO 2026813, estimate of \$ 840,400

Board Approval 10-26-20 WO 2105854, estimate of \$ 10,737,000

Board Approval 02-22-21 WO 2111094, estimate of \$ 693,739

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