

FAC 1321 COMMUNICATIONS FACILITY

FY22 SUC: \$735.94 / EA
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3
component prices

FAC 1321 COMMUNICATIONS FACILITY

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM EA
Design Life 50
Average Size 1.0

SUC \$735.94

Adjusted Occurences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	6.00 Ea.	\$430.58	\$539.45	2.5000	2	2	\$1,078.90	\$1,078.90	
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	6.00 Ea.	\$3,289.73	\$3,832.23	1.0000	1	1	\$3,832.23	\$3,832.23	
Repair failed breaker, molded case, 600 V, 3 pole	10	1.00 Ea.	\$372.07	\$442.63	5.0000	5	5	\$2,213.16	\$2,213.16	
Replace fuse	25	6.00 Ea.	\$2,478.99	\$2,848.19	2.0000	2	2	\$5,696.38	\$5,696.38	
Replace transformer 15 KVA	30	1.00 Ea.	\$3,370.89	\$4,008.55	1.6667	1	1	\$4,008.55	\$4,008.55	
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	1.00 Ea.	\$40.64	\$50.92	6.2500	6	6	\$305.53	\$305.53	
Replace service cable	50	0.25 M.L.F.	\$777.98	\$952.40	1.0000	1	1	\$952.40	\$952.40	
Maintenance and repair electrical service ground	25	1.00 M.L.F.	\$87.89	\$109.79	2.0000	2	2	\$219.57	\$219.57	
Maintenance and repair wiring devices, switches	10	2.00 Ea.	\$84.49	\$105.48	5.0000	5	5	\$527.39	\$527.39	
Maintenance and repair special ground system	4	1.00 Ea.	\$21.59	\$27.05	12.5000	12	12	\$324.62	\$324.62	
			\$10,954.84	\$12,916.68				MR Subtotal	\$19,158.72	
									MR Per Year	\$383.17
									PM Total	\$352.77
									Subtotal	\$735.94
									Total Per Unit	\$735.94

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Light, emergency, hardwired system, annualized	1.00	0.25	\$7.73	\$14.76	\$0.00	\$22.50	\$27.70	\$33.29
Transformer, dry type 500 KVA and over, annually	1.00	0.77	\$15.16	\$50.76	\$0.00	\$65.92	\$82.66	\$100.17
Circuit breaker, high voltage air, annually	1.00	0.47	\$15.16	\$31.08	\$0.00	\$46.24	\$57.08	\$68.67
Cathodic protection system, annualized	1.00	1.46	\$19.33	\$79.05	\$0.00	\$98.38	\$124.03	\$150.64
						\$233.03	\$291.47	\$352.77

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Modeled Component List

CostWorks Release 2021 Qtr 3

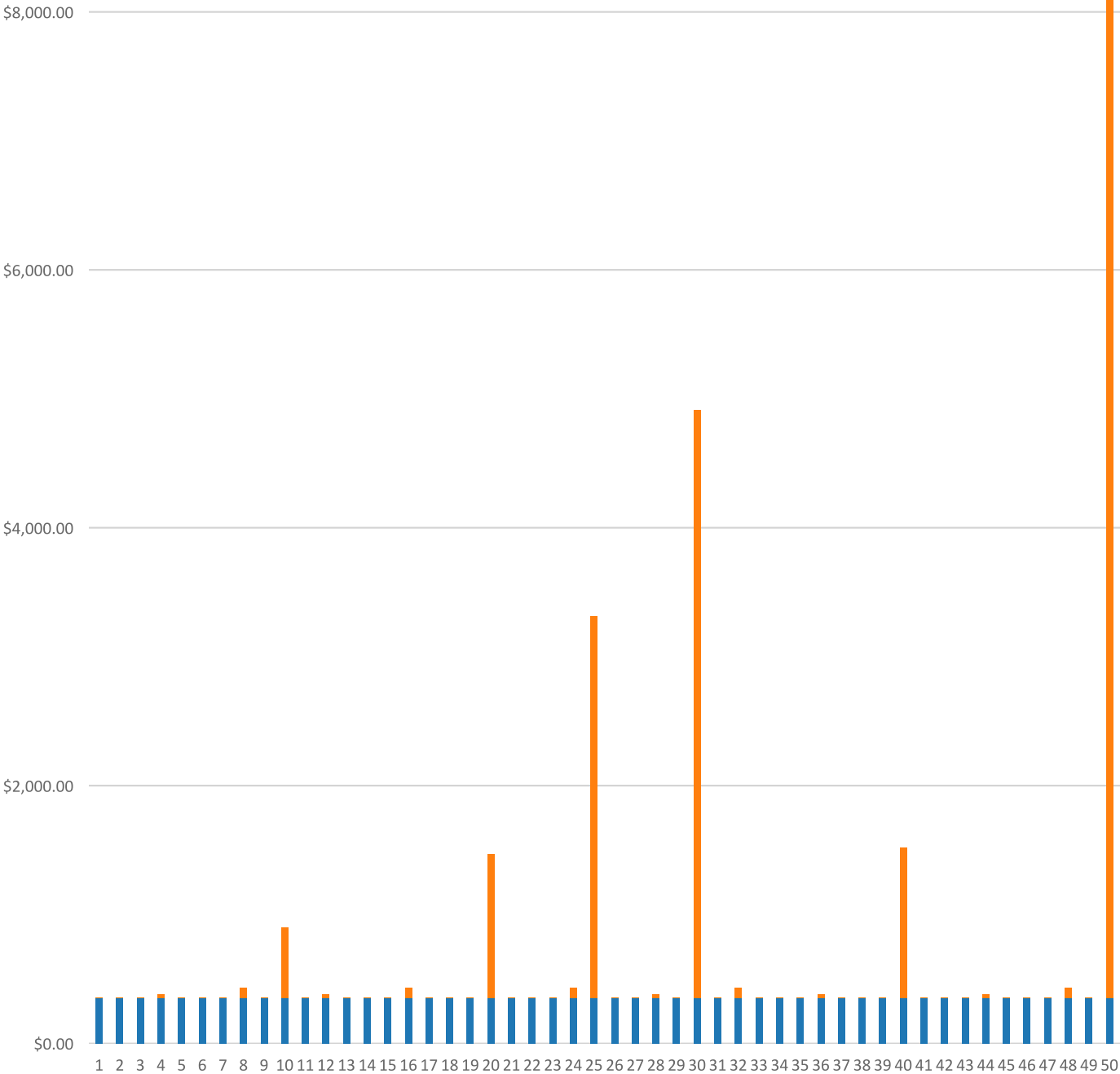
D50 Electrical

Circuit Breaker, molded case, 480 V, 1 pole	6.0 Ea.
Secondary Transformer, Dry, 15 KVA	1.0 Ea.
Cable, Service	0.25 M.L.F.

G40 Site Electrical Utilities

Cathodic Protection, annualized	1.0 Each
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Sustainment by Year
CostWorks Release 2021 Qtr 3



PM Cost
MR Cost