

FAC 3901 MISCELLANEOUS RDTE FACILITY

FY22 SUC: \$1,847.56 / EA
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3
component prices

FAC 3901 MISCELLANEOUS RDTE FACILITY

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM EA
Design Life 40
Average Size 1.0

SUC \$1,847.56

Adjusted Occurrences 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	
Repair metal stairs	15	60.00 S.F.	\$6,043.56	\$6,953.36	2.6667	2	2	\$13,906.73	\$13,906.73	
Replace metal hand rail	30	90.00 L.F.	\$6,811.51	\$7,881.54	1.3333	1	1	\$7,881.54	\$7,881.54	
Repair 8" concrete block wall, 1st floor	25	140.00 S.F.	\$3,390.07	\$4,147.25	1.6000	1	1	\$4,147.25	\$4,147.25	
Point and refinish painted concrete block wall, 1st floor	25	10.00 C.S.F.	\$4,697.77	\$5,798.05	1.6000	1	1	\$5,798.05	\$5,798.05	
Repair window - 1st floor (2% of glass) - fixed glass block	8	0.40 S.F.	\$29.93	\$35.64	5.0000	5	5	\$178.20	\$178.20	
Refinish steel shutter - 1st floor	5	1.00 Ea.	\$97.04	\$120.41	8.0000	8	8	\$963.25	\$963.25	
Repair steel, painted, door	14	2.00 Ea.	\$1,250.15	\$1,488.01	2.8571	2	2	\$2,976.02	\$2,976.02	
Replace 3'-0" x 7'-0" steel, painted, door	45	2.00 Ea.	\$1,410.13	\$1,639.46	0.8889	0	0	\$0.00	\$0.00	
Debris removal by hand & visual inspection,modified bitum/thermoplastc	1	0.40 M.S.F.	\$15.06	\$18.37	40.0000	40	40	\$734.94	\$734.94	
Non-destructive moisture inspection, modified bituminous/thermoplastic	5	0.40 M.S.F.	\$46.74	\$57.01	8.0000	8	8	\$456.09	\$456.09	
Minor thermoplastic membrane repairs, 2% of roof area	1	0.08 Sq.	\$25.96	\$30.88	40.0000	40	40	\$1,235.35	\$1,235.35	
Total roof replacement, modified bituminous / thermoplastic	25	4.00 Sq.	\$2,534.92	\$3,008.28	1.6000	1	1	\$3,008.28	\$3,008.28	
Refinish concrete floor finished	25	10.00 C.S.F.	\$4,218.27	\$5,066.80	1.6000	1	1	\$5,066.80	\$5,066.80	
Replace old valve, non-drain, 2"	10	2.00 Ea.	\$1,657.55	\$1,907.78	4.0000	4	4	\$7,631.13	\$7,631.13	
Replace old valve with new hose bibb	10	2.00 Ea.	\$124.61	\$152.56	4.0000	4	4	\$610.24	\$610.24	
Maintenance and repair safety switch general, 2 pole	8	2.00 Ea.	\$81.29	\$101.84	5.0000	5	5	\$509.21	\$509.21	
Repair 4-pin receptacle cover	10	2.00 Ea.	\$117.10	\$144.61	4.0000	4	4	\$578.45	\$578.45	
Maintenance and repair wiring devices, switches	10	2.00 Ea.	\$84.49	\$105.48	4.0000	4	4	\$421.91	\$421.91	
Maintenance and repair incandescent lighting fixtures	10	12.00 Ea.	\$826.39	\$983.82	4.0000	4	4	\$3,935.28	\$3,935.28	
Replace incandescent lighting fixture lamp	5	12.00 Ea.	\$137.79	\$166.41	8.0000	8	8	\$1,331.30	\$1,331.30	
Maintenance and repair TV cable outlet	10	4.00 Ea.	\$205.17	\$256.23	4.0000	4	4	\$1,024.93	\$1,024.93	
Maintenance and repair of general wiring lightning protection system	1	0.20 M.L.F.	\$19.34	\$23.97	40.0000	40	40	\$958.61	\$958.61	
Maintenance and repair lightning ground rod	1	1.00 Ea.	\$87.89	\$109.79	40.0000	40	39	\$4,391.49	\$4,281.70	
Replace lightning ground rod	25	1.00 Ea.	\$226.09	\$280.29	1.6000	1	1	\$280.29	\$280.29	
Maintenance and repair voice/data outlet	10	8.00 Ea.	\$410.35	\$512.46	4.0000	4	4	\$2,049.86	\$2,049.86	
Replace voice/data outlet	20	8.00 Ea.	\$207.30	\$252.42	2.0000	2	2	\$504.84	\$504.84	
			\$34,756.45	\$41,242.75				MR Subtotal	\$70,470.26	
									MR Per Year	\$1,761.76
									PM Total	\$85.80
									Subtotal	\$1,847.56
									Total Per Unit	\$1,847.56

FAC 3901 MISCELLANEOUS RDTE FACILITY SUC \$1,847.56

Release 2021 Qtr 3 UM EA
Zip Code Prefix 222 Design Life 40
Type PM Average Size 1.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Panelboard, 225 A and above, annually	1.00	0.44	\$23.20	\$29.01	\$0.00	\$52.21	\$63.23	\$75.41
Door, emergencyegress, swinging, annually	1.00	0.07	\$4.87	\$2.69	\$0.00	\$7.56	\$8.86	\$10.39
						\$59.77	\$72.08	\$85.80

FAC 3901 MISCELLANEOUS RDTE FACILITY

Modeled Component List

CostWorks Release 2021 Qtr 3

B10 Superstructure		
Railing, Metal	90.0 L.F.	
B20 Exterior Enclosure		
Steel, Painted	2.0 Ea.	
B30 Roofing		
Modified Bituminous / Thermoplastic	4.0 Sq.	
C30 Interior Finishes		
Concrete, Finished	10.0 C.S.F.	
D20 Plumbing		
Valve, Non-Drain, 2"	2.0 Ea.	
Hose Bibb	2.0 Ea.	
D50 Electrical		
Lightning Ground Rod	1.0 Ea.	

FAC 3901 MISCELLANEOUS RDTE FACILITY
Sustainment by Year
CostWorks Release 2021 Qtr 3

