

FAC 2145 VEHICLE MAINTENANCE FACILITY

FY22 SUC: \$2,726.93 / EA
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 2145 VEHICLE MAINTENANCE FACILITY

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM EA
Design Life 50
Average Size 1.0

SUC \$2,726.93

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	
Minor repairs to concrete floor unfinished	15	150.00 S.F.	\$5,908.26	\$7,166.06	3.3333	3	3	\$21,498.19	\$21,498.19	
Repair 8" concrete block wall, 1st floor	25	350.00 S.F.	\$8,475.19	\$10,368.13	2.0000	2	2	\$20,736.26	\$20,736.26	
Repair 8" concrete block wall - (2% of walls) painted	25	0.30 C.S.F.	\$326.90	\$392.51	2.0000	2	2	\$785.01	\$785.01	
Refinish concrete block wall painted	4	1.60 C.S.F.	\$161.47	\$196.62	12.5000	12	12	\$2,359.45	\$2,359.45	
Repair steel painted interior door	14	1.00 Ea.	\$293.45	\$341.56	3.5714	3	3	\$1,024.69	\$1,024.69	
Refinish 3'-0" x 7'-0" steel painted interior door	4	1.00 Ea.	\$52.59	\$64.79	12.5000	12	12	\$777.44	\$777.44	
Refinish concrete floor finished	25	0.15 C.S.F.	\$63.27	\$76.00	2.0000	2	2	\$152.00	\$152.00	
Replace pipe and fittings, copper 2"	25	16.00 L.F.	\$983.75	\$1,170.32	2.0000	2	2	\$2,340.64	\$2,340.64	
Maintenance and inspection lighting panel, indoor	3	2.00 Ea.	\$81.29	\$101.84	16.6667	16	16	\$1,629.49	\$1,629.49	
Repair failed breaker, enclosed, 600 V, 3 pole	4	2.00 Ea.	\$1,474.50	\$1,715.22	12.5000	12	12	\$20,582.61	\$20,582.61	
Replace circuit breaker enclosed, 600 V, 3 pole circuit breaker	50	2.00 Ea.	\$2,552.56	\$2,986.61	1.0000	1	1	\$2,986.61	\$2,986.61	
Maintenance and repair receptacles and plugs	20	10.00 Ea.	\$422.43	\$527.39	2.5000	2	2	\$1,054.77	\$1,054.77	
Replace receptacle/plug receptacles and plugs	20	10.00 Ea.	\$719.56	\$886.97	2.5000	2	2	\$1,773.93	\$1,773.93	
Maintenance and repair wiring devices, switches	10	2.00 Ea.	\$84.49	\$105.48	5.0000	5	5	\$527.39	\$527.39	
Replace wiring devices, switches	15	2.00 Ea.	\$130.76	\$162.44	3.3333	3	3	\$487.33	\$487.33	
Replace fluorescent light fixture ballast, 80 W	10	15.00 Ea.	\$1,870.03	\$2,268.56	5.0000	5	5	\$11,342.79	\$11,342.79	
Replace lamps (2 lamps), 4', 34 W energy saver	10	30.00 Ea.	\$756.42	\$947.37	5.0000	5	5	\$4,736.84	\$4,736.84	
			\$24,356.91	\$29,477.86				MR Subtotal	\$94,795.45	
									MR Per Year	\$1,895.91
									PM Total	\$831.02
									Subtotal	\$2,726.93
									Total Per Unit	\$2,726.93

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UM EA

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Design Life 50

Type PM

Average Size 1.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Fire doors, swinging, annualized	1.00	0.39	\$14.32	\$14.56	\$0.00	\$28.88	\$34.68	\$41.19
Circuit breaker, high voltage air, annualized	2.00	0.94	\$30.31	\$62.16	\$0.00	\$92.47	\$114.15	\$137.35
Panelboard, 225 A and above, annualized	1.00	0.44	\$23.20	\$29.01	\$0.00	\$52.21	\$63.23	\$75.41
Manual swing gate, annualized	2.00	3.46	\$22.49	\$168.30	\$0.00	\$190.79	\$243.53	\$297.39
Fuel oil storage tank, above ground, annualized	1.00	3.28	\$20.29	\$158.95	\$0.00	\$179.24	\$228.95	\$279.68
						\$543.58	\$684.54	\$831.02

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Modeled Component List

CostWorks Release 2021 Qtr 3

C10 Interior Construction	
Concrete Block, Painted	1.6 C.S.F.
Fire Doors, Swinging, annualized	1.0 Each
C30 Interior Finishes	
Concrete, Finished	0.15 C.S.F.
D50 Electrical	
Load Center, 100 A, maintenance & inspection	2.0 Ea.
Circuit Breaker, enclosed, 600 V, 3 pole	2.0 Ea.
G20 Site Improvements	
Gate, Manual swing, annualized	2.0 Each
G30 Site Mechanical Utilities	
Fuel Oil Storage Tank, annualized	1.0 Each

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Sustainment by Year
CostWorks Release 2021 Qtr 3

