

FAC 2145 VEHICLE MAINTENANCE FACILITY

FY24 SUC: \$2,939.78 / EA
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 2145 VEHICLE MAINTENANCE FACILITY

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM EA
Design Life 50
Average Size 1.0

SUC \$2,939.78

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.	\$5,720.07	\$6,980.54	3.3333	3	3	\$20,941.61	\$20,941.61	
Repair 8" concrete block wall, 1st floor	25	350.00 S.F.	\$8,994.71	\$11,014.06	2.0000	2	2	\$22,028.12	\$22,028.12	
Repair 8" concrete block wall - (2% of walls) painted	25	0.30 C.S.F.	\$343.47	\$413.13	2.0000	2	2	\$826.26	\$826.26	
Refinish concrete block wall painted	4	1.60 C.S.F.	\$189.90	\$229.59	12.5000	12	12	\$2,755.07	\$2,755.07	
Repair steel painted interior door	14	1.00 Ea.	\$278.99	\$325.68	3.5714	3	3	\$977.05	\$977.05	
Refinish 3'-0" x 7'-0" steel painted interior door	4	1.00 Ea.	\$57.65	\$70.88	12.5000	12	12	\$850.53	\$850.53	
Refinish concrete floor finished	25	0.15 C.S.F.	\$62.49	\$75.39	2.0000	2	2	\$150.79	\$150.79	
Replace pipe and fittings, copper 2"	25	16.00 L.F.	\$838.84	\$1,008.95	2.0000	2	2	\$2,017.90	\$2,017.90	
Maintenance and inspection lighting panel, indoor	3	2.00 Ea.	\$84.69	\$106.10	16.6667	16	16	\$1,697.64	\$1,697.64	
Repair failed breaker, enclosed, 600 V, 3 pole	4	2.00 Ea.	\$2,166.65	\$2,503.92	12.5000	12	12	\$30,047.06	\$30,047.06	
Replace circuit breaker enclosed, 600 V, 3 pole circuit breaker	50	2.00 Ea.	\$2,059.43	\$2,430.58	1.0000	1	1	\$2,430.58	\$2,430.58	
Maintenance and repair receptacles and plugs	20	10.00 Ea.	\$440.43	\$549.82	2.5000	2	2	\$1,099.64	\$1,099.64	
Replace receptacle/plug receptacles and plugs	20	10.00 Ea.	\$748.31	\$922.67	2.5000	2	2	\$1,845.35	\$1,845.35	
Maintenance and repair wiring devices, switches	10	2.00 Ea.	\$88.09	\$109.96	5.0000	5	5	\$549.82	\$549.82	
Replace wiring devices, switches	15	2.00 Ea.	\$133.36	\$166.01	3.3333	3	3	\$498.04	\$498.04	
Replace fluorescent light fixture ballast, 80 W	10	15.00 Ea.	\$1,569.09	\$1,934.86	5.0000	5	5	\$9,674.31	\$9,674.31	
Replace lamps (2 lamps), 4', 34 W energy saver	10	30.00 Ea.	\$794.57	\$995.07	5.0000	5	5	\$4,975.34	\$4,975.34	
			\$24,570.75	\$29,837.22				MR Subtotal	\$103,365.08	
									MR Per Year	\$2,067.30
									PM Total	\$872.48
									Subtotal	\$2,939.78
									Total Per Unit	\$2,939.78

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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	\$15.67	\$15.46	\$0.00	\$31.12	\$37.32	\$44.31
Circuit breaker, high voltage air, annualized	2.00	0.94	\$27.66	\$64.95	\$0.00	\$92.61	\$114.86	\$138.50
Panelboard, 225 A and above, annualized	1.00	0.44	\$22.00	\$30.41	\$0.00	\$52.42	\$63.74	\$76.16
Manual swing gate, annualized	2.00	3.46	\$20.67	\$179.14	\$0.00	\$199.81	\$255.61	\$312.46
Fuel oil storage tank, above ground, annualized	1.00	3.28	\$23.44	\$169.84	\$0.00	\$193.29	\$246.58	\$301.05
						\$569.24	\$718.13	\$872.48

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Modeled Component List

CostWorks Release 2023 Qtr 4

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 2023 Qtr 4

