

FAC 2147 VEHICLE MAINTENANCE SHED

FY24 SUC: \$0.43 / SF
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 2147 VEHICLE MAINTENANCE SHED

SUC \$0.43

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 50
Average Size 9195.928571

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	10.00 S.F.	\$381.34	\$465.37	3.3333	3	3	\$1,396.11	\$1,396.11	
Replace unfinished concrete floor	75	40.00 C.S.F.	\$23,007.89	\$27,376.28	0.6667	0	0	\$0.00	\$0.00	
Debris removal, by hand and visual inspection, metal panel roofing	1	9.02 M.S.F.	\$221.39	\$270.03	50.0000	50	50	\$13,501.31	\$13,501.31	
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	180.42 S.F.	\$833.92	\$991.05	10.0000	10	10	\$9,910.48	\$9,910.48	
Minor metal roof panel replacement, 2.5% of roof area	20	270.63 S.F.	\$3,485.21	\$4,131.52	2.5000	2	2	\$8,263.04	\$8,263.04	
Total metal roof panel replacement	30	91.95 Sq.	\$81,370.05	\$96,463.10	1.6667	1	1	\$96,463.10	\$96,463.10	
Maintenance and inspection lighting panel, indoor	3	2.26 Ea.	\$95.50	\$119.64	16.6667	16	16	\$1,914.31	\$1,914.31	
Replace load center, 100 A	20	2.26 Ea.	\$2,663.54	\$3,248.79	2.5000	2	2	\$6,497.58	\$6,497.58	
Maintenance and inspection circuit breaker, molded case, 480 V, 1 pole	0.5	1.00 Ea.	\$34.13	\$42.76	100.0000	100	100	\$4,275.76	\$4,275.76	
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	1.00 Ea.	\$788.43	\$912.41	1.0000	1	1	\$912.41	\$912.41	
Replace high pressure sodium ballast, 250 W	10	13.53 Ea.	\$2,993.41	\$3,538.54	5.0000	5	5	\$17,692.71	\$17,692.71	
Replace high pressure sodium fixture lamp, 250 W	10	13.53 Ea.	\$856.15	\$1,035.27	5.0000	5	5	\$5,176.33	\$5,176.33	
Minor chain link fence repairs, per 10 LF	1	1.00 Ea.	\$28.55	\$35.16	50.0000	50	50	\$1,757.80	\$1,757.80	
Replace double swing gates, 6' high, 20' opening	5	1.00 Opng.	\$1,886.15	\$2,172.18	10.0000	10	10	\$21,721.81	\$21,721.81	
			\$118,645.65	\$140,802.09				MR Subtotal	\$189,482.76	
									MR Per Year	\$3,789.66
									PM Total	\$156.23
									Subtotal	\$3,945.89
									Total Per Unit	\$0.43

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Design Life 50

Type PM

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Manual swing gate, annualized	1.00	1.73	\$10.33	\$89.57	\$0.00	\$99.90	\$127.81	\$156.23
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Modeled Component List

CostWorks Release 2023 Qtr 4

B30 Roofing

Metal Steep Roofing	91.95 Sq.
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D50 Electrical

Load Center, 100 A, maintenance & inspection	2.25526775 Ea.
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Load Center, 100 A, replacement	2.25526775 Ea.
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Circuit Breaker, molded case, 480 V, 1 pole	1.0 Ea.
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G20 Site Improvements

Gate, Manual swing, annualized	1.0 Each
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Sustainment by Year
CostWorks Release 2023 Qtr 4

