

**FAC 2147 VEHICLE MAINTENANCE SHED**

FY22 SUC: \$0.39 / SF  
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 2147 VEHICLE MAINTENANCE SHED

Release 2021 Qtr 3  
Zip Code Prefix 222  
Type MR

UM SF  
Design Life 50  
Average Size 9021.071

SUC \$0.39

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.	\$393.88	\$477.74	3.3333	3	3	\$1,433.21	\$1,433.21
Replace unfinished concrete floor	75	40.00 C.S.F.	\$22,366.46	\$26,590.75	0.6667	0	0	\$0.00	\$0.00
Debris removal, by hand and visual inspection, metal panel roofing	1	9.02 M.S.F.	\$205.54	\$250.69	50.0000	50	50	\$12,534.67	\$12,534.67
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	180.42 S.F.	\$630.23	\$756.14	10.0000	10	10	\$7,561.40	\$7,561.40
Minor metal roof panel replacement, 2.5% of roof area	20	270.63 S.F.	\$3,092.68	\$3,673.04	2.5000	2	2	\$7,346.08	\$7,346.08
Total metal roof panel replacement	30	90.21 Sq.	\$76,241.28	\$90,302.39	1.6667	1	1	\$90,302.39	\$90,302.39
Maintenance and inspection lighting panel, indoor	3	2.26 Ea.	\$91.66	\$114.84	16.6667	16	16	\$1,837.46	\$1,837.46
Replace load center, 100 A	20	2.26 Ea.	\$2,467.63	\$3,015.01	2.5000	2	2	\$6,030.03	\$6,030.03
Maintenance and inspection circuit breaker, molded case, 480 V, 1 pole	0.5	1.00 Ea.	\$32.39	\$40.58	100.0000	100	100	\$4,057.80	\$4,057.80
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	1.00 Ea.	\$548.29	\$638.71	1.0000	1	1	\$638.71	\$638.71
Replace high pressure sodium ballast, 250 W	10	13.53 Ea.	\$2,623.08	\$3,110.25	5.0000	5	5	\$15,551.27	\$15,551.27
Replace high pressure sodium fixture lamp, 250 W	10	13.53 Ea.	\$753.14	\$914.70	5.0000	5	5	\$4,573.51	\$4,573.51
Minor chain link fence repairs, per 10 LF	1	1.00 Ea.	\$26.98	\$33.18	50.0000	50	50	\$1,659.16	\$1,659.16
Replace double swing gates, 6' high, 20' opening	5	1.00 Opng.	\$1,183.16	\$1,371.38	10.0000	10	10	\$13,713.80	\$13,713.80
			\$110,656.39	\$131,289.41					
							MR Subtotal	\$167,239.48	
							MR Per Year	\$3,344.79	
							PM Total	\$148.70	
							Subtotal	\$3,493.49	
							Total Per Unit	\$0.39	

FAC 2147 VEHICLE MAINTENANCE SHEDSUC \$0.39

Release 2021 Qtr 3UM SF

Zip Code Prefix 222Design Life 50

Type PMAverage Size 9021.071

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	\$11.25	\$84.15	\$0.00	\$95.40	\$121.77	\$148.70
						\$95.40	\$121.77	\$148.70



## **FAC 2147 VEHICLE MAINTENANCE SHED**

### **Modeled Component List**

#### **CostWorks Release 2021 Qtr 3**

##### **B30 Roofing**

Metal Steep Roofing	90.21070999999999 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 2021 Qtr 3

