

FAC 4425 VEHICLE STORAGE, COVERED

FY24 SUC:	\$0.97 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 4425 VEHICLE STORAGE, COVERED

SUC \$0.97

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 40
Average Size 9540.09773

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
Replace 3'-0" x 7'-0" steel, painted, door	45	1.00 Ea.	\$917.11	\$1,061.93	0.8889	0	0	\$0.00	\$0.00
Replace 12' x 24' aluminum double roll-up door	35	4.00 Ea.	\$33,292.14	\$38,746.79	1.1429	1	1	\$38,746.79	\$38,746.79
Debris removal, by hand and visual inspection, metal panel roofing	1	7.72 M.S.F.	\$189.46	\$231.08	40.0000	40	40	\$9,243.26	\$9,243.26
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	154.00 S.F.	\$711.80	\$845.92	8.0000	8	8	\$6,767.33	\$6,767.33
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	3.00 S.F.	\$75.92	\$90.74	40.0000	40	40	\$3,629.56	\$3,629.56
Minor metal roof panel replacement, 2.5% of roof area	20	193.00 S.F.	\$2,485.46	\$2,946.37	2.0000	2	2	\$5,892.75	\$5,892.75
Total metal roof panel replacement	30	96.00 Sq.	\$84,954.05	\$100,711.88	1.3333	1	1	\$100,711.88	\$100,711.88
Replace roof mounted exhaust fan, 8500 CFM exhaust fan	20	6.00 Ea.	\$25,782.37	\$29,909.75	2.0000	2	2	\$59,819.49	\$59,819.49
Rebuild 4" diameter reduced pressure backflow preventer	10	1.00 Ea.	\$921.17	\$1,072.81	4.0000	4	4	\$4,291.25	\$4,291.25
Inspect sprinkler system	1	1.00 Ea.	\$36.17	\$45.28	40.0000	40	40	\$1,811.38	\$1,811.38
Replace sprinkler head	20	20.00 Ea.	\$1,752.96	\$2,163.04	2.0000	2	2	\$4,326.08	\$4,326.08
Replace metal halide ballast, 175 W	10	12.00 Ea.	\$2,002.64	\$2,397.17	4.0000	4	4	\$9,588.69	\$9,588.69
Replace metal halide fixture lamp, 175 W	5	12.00 Ea.	\$685.16	\$833.90	8.0000	8	8	\$6,671.19	\$6,671.19
Repair smoke detector	10	4.00 Ea.	\$232.04	\$287.33	4.0000	4	3	\$1,149.32	\$861.99
Check operation smoke detector	1	4.00 Ea.	\$68.00	\$85.20	40.0000	40	40	\$3,407.94	\$3,407.94
Replace smoke detector	15	4.00 Ea.	\$1,210.21	\$1,444.87	2.6667	2	2	\$2,889.75	\$2,889.75
Check and repair manual pull station	10	4.00 Ea.	\$359.53	\$442.99	4.0000	4	3	\$1,771.95	\$1,328.96
Replace manual pull station	15	4.00 Ea.	\$835.03	\$1,007.05	2.6667	2	2	\$2,014.10	\$2,014.10
Replace aluminum siding, 1st floor	35	32.00 C.S.F.	\$19,828.78	\$23,883.36	1.1429	1	1	\$23,883.36	\$23,883.36
Replace aluminum siding, 2nd floor	35	32.00 C.S.F.	\$24,315.99	\$29,458.18	1.1429	1	1	\$29,458.18	\$29,458.18
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	0.01 S.F.	\$0.13	\$0.15	40.0000	40	40	\$6.18	\$6.18
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	2.00 Ea.	\$312.63	\$372.54	2.0000	2	2	\$745.09	\$745.09
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	2.00 Ea.	\$1,355.08	\$1,590.61	0.8000	0	0	\$0.00	\$0.00
Repair steel, painted, door	14	1.00 Ea.	\$702.33	\$834.19	2.8571	2	2	\$1,668.39	\$1,668.39
Refinish 3'-0" x 7'-0" steel, painted, door	4	1.00 Ea.	\$46.05	\$56.40	10.0000	10	10	\$563.96	\$563.96
			\$203,072.23	\$240,519.54					
								MR Subtotal	\$318,327.54
								MR Per Year	\$7,958.19
								PM Total	\$1,289.41
								Subtotal	\$9,247.60
								Total Per Unit	\$0.97

FAC 4425 VEHICLE STORAGE, COVERED

SUC \$0.97

Release 2023 Qtr 4

UM SF

Zip Code Prefix 222

Design Life 40

Type PM

Average Size 9540.09773

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	1.00	0.26	\$16.76	\$11.48	\$0.00	\$28.25	\$33.37	\$39.33
Backflow prevention device, up to 4", annualized	1.00	0.33	\$14.02	\$20.93	\$0.00	\$34.94	\$42.62	\$51.01
Extinguishing system, wet pipe, annualized	1.00	11.34	\$49.59	\$710.68	\$0.00	\$760.27	\$978.43	\$1,199.07
						\$823.46	\$1,054.42	\$1,289.41

FAC 4425 VEHICLE STORAGE, COVERED

Modeled Component List

CostWorks Release 2023 Qtr 4

B20 Exterior Enclosure

Steel, Painted	1.0 Ea.
Aluminum Double, Roll-Up	4.0 Ea.
Aluminum Siding, 1st floor	32.0 C.S.F.
Aluminum Siding, 2nd floor	32.0 C.S.F.
Aluminum Window, Fixed, 1st floor	2.0 Ea.

B30 Roofing

Metal Steep Roofing	96.0 Sq.
---------------------	----------

D30 HVAC

Exhaust Fan, roof mounted exhaust fan, 8500 CFM exhaust	6.0 Ea.
---	---------

D40 Fire Protection

Backflow Preventer	1.0 Ea.
Sprinkler System, Fire Suppression, sprinkler head	20.0 Ea.

D50 Electrical

Smoke Detector	4.0 Ea.
Manual Pull Station	4.0 Ea.

FAC 4425 VEHICLE STORAGE, COVERED
Sustainment by Year
CostWorks Release 2023 Qtr 4

