

FAC 7389 PRIVATE VEHICLE INSPECTION FACILITY

FY22 SUC: \$1.57 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3
component prices

FAC 7389 PRIVATE VEHICLE INSPECTION FACILITY

SUC \$1.57

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 40
Average Size 1878.0

Adjusted Occurrences 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 glass - 1st floor (1% of glass) - alum. window fixed	1	0.10 S.F.	\$1.21	\$1.42	40.0000	40	40	\$56.69	\$56.69	
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	2.00 Ea.	\$289.47	\$345.22	2.0000	2	2	\$690.44	\$690.44	
Repair steel, painted, door	14	1.00 Ea.	\$625.07	\$744.01	2.8571	2	2	\$1,488.01	\$1,488.01	
Refinish 3'-0" x 7'-0" steel, painted, door	4	1.00 Ea.	\$41.40	\$50.87	10.0000	10	10	\$508.66	\$508.66	
Replace 3'-0" x 7'-0" steel, painted, door	45	1.00 Ea.	\$705.06	\$819.73	0.8889	0	0	\$0.00	\$0.00	
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	15.50 S.F.	\$54.14	\$64.96	8.0000	8	8	\$519.68	\$519.68	
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	1.50 S.F.	\$27.45	\$33.26	40.0000	40	40	\$1,330.35	\$1,330.35	
Minor metal roof panel replacement, 2.5% of roof area	20	25.50 S.F.	\$291.40	\$346.09	2.0000	2	2	\$692.18	\$692.18	
Total metal roof panel replacement	30	17.50 Sq.	\$14,790.07	\$17,517.78	1.3333	1	1	\$17,517.78	\$17,517.78	
Repair solid core wood door, interior	11	1.00 Ea.	\$293.45	\$341.56	3.6364	3	3	\$1,024.69	\$1,024.69	
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	1.00 Ea.	\$43.36	\$53.25	10.0000	10	9	\$532.50	\$479.25	
Replace 3'-0" x 7'-0" solid core wood door, interior	40	1.00 Ea.	\$489.43	\$565.81	1.0000	1	1	\$565.81	\$565.81	
Unplug clogged line flush-tank water closet	5	2.00 Ea.	\$436.79	\$546.25	8.0000	8	8	\$4,370.03	\$4,370.03	
Replace flush valve diaphragm for a urinal	7	2.00 Ea.	\$52.44	\$65.07	5.7143	5	5	\$325.36	\$325.36	
Clean out strainer and P trap lavatory, vitreous china	2	2.00 Ea.	\$69.74	\$87.22	20.0000	20	20	\$1,744.32	\$1,744.32	
Replace infrared heater suspended, commercial	15	2.00 Ea.	\$912.86	\$1,081.76	2.6667	2	2	\$2,163.52	\$2,163.52	
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	40.0000	40	40	\$1,717.15	\$1,717.15	
Replace sprinkler head	20	6.00 Ea.	\$513.14	\$631.14	2.0000	2	2	\$1,262.27	\$1,262.27	
Replace metal halide ballast, 175 W	10	4.00 Ea.	\$593.94	\$713.20	4.0000	4	4	\$2,852.82	\$2,852.82	
Replace metal halide fixture lamp, 175 W	5	4.00 Ea.	\$199.95	\$244.61	8.0000	8	8	\$1,956.92	\$1,956.92	
Repair smoke detector	10	3.00 Ea.	\$169.16	\$209.14	4.0000	4	3	\$836.57	\$627.43	
Check operation smoke detector	1	3.00 Ea.	\$48.58	\$60.87	40.0000	40	40	\$2,434.68	\$2,434.68	
Replace smoke detector	15	3.00 Ea.	\$852.71	\$1,018.39	2.6667	2	2	\$2,036.77	\$2,036.77	
Check and repair manual pull station	10	1.00 Ea.	\$87.70	\$107.83	4.0000	4	3	\$431.32	\$323.49	
Replace manual pull station	15	1.00 Ea.	\$203.47	\$244.94	2.6667	2	2	\$489.88	\$489.88	
Replace lamp emergency lighting fixture	2	2.00 Ea.	\$109.38	\$131.75	20.0000	20	20	\$2,635.03	\$2,635.03	
Replace emergency lighting fixture	20	2.00 Ea.	\$1,204.74	\$1,419.52	2.0000	2	2	\$2,839.05	\$2,839.05	
Maintenance and repair exit light	20	2.00 Ea.	\$74.40	\$92.01	2.0000	2	2	\$184.01	\$184.01	
Replace lamp exit light	5	2.00 Ea.	\$33.69	\$39.93	8.0000	8	8	\$319.42	\$319.42	
			\$23,248.54	\$27,620.51				MR Subtotal	\$53,155.66	
									MR Per Year	\$1,328.89
									PM Total	\$1,627.98

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
								Subtotal	\$2,956.87
								Total Per Unit	\$1.57

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Design Life 40

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	2.00	0.52	\$29.18	\$21.50	\$0.00	\$50.68	\$60.05	\$70.88
Urinals, annualized	1.00	0.23	\$6.32	\$11.45	\$0.00	\$17.77	\$21.84	\$26.22
Toilet (tank type), annualized	2.00	0.78	\$15.27	\$38.76	\$0.00	\$54.03	\$67.19	\$81.11
Lavatories, annualized	2.00	0.70	\$11.93	\$41.41	\$0.00	\$53.34	\$66.95	\$81.16
Unit heater, gas radiant, annualized	1.00	1.01	\$1.47	\$50.66	\$0.00	\$52.12	\$67.47	\$82.88
Light, emergency, hardwired system, annualized	2.00	0.50	\$15.46	\$29.53	\$0.00	\$44.99	\$55.40	\$66.57
Backflow prevention device, up to 4", annualized	1.00	0.33	\$13.40	\$19.82	\$0.00	\$33.22	\$40.50	\$48.46
Extinguishing system, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
						\$1,052.77	\$1,336.34	\$1,627.98

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Modeled Component List CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure	
Steel, Painted	1.0 Ea.
B30 Roofing	
Metal Steep Roofing	17.5 Sq.
C10 Interior Construction	
Solid Core Interior Doors	1.0 Ea.
D30 HVAC	
Infrared Heater Suspended, Commercial	2.0 Ea.
D40 Fire Protection	
Sprinkler System, Fire Supression, sprinkler head	6.0 Ea.
D50 Electrical	
Smoke Detector	3.0 Ea.
Manual Pull Station	1.0 Ea.
Emergency Lighting Fixture	2.0 Ea.

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Sustainment by Year
CostWorks Release 2021 Qtr 3

