

FAC 7341 BUS STATION

FY22 SUC: \$3.46 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3
component prices

FAC 7341 BUS STATION

SUC \$3.46

Release 2021 Qtr 3
Zip Code Prefix 222
Type MRUM SF
Design Life 50
Average Size 899.0

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
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$710.41	\$851.09	50.0000	50	50	\$42,554.69	\$42,554.69
Replace fountain drinking fountain	10	2.00 Ea.	\$2,562.31	\$3,029.12	5.0000	5	5	\$15,145.59	\$15,145.59
Replace air conditioner, thru-the-wall, 2 ton	10	1.00 Ea.	\$1,442.60	\$1,684.17	5.0000	5	5	\$8,420.87	\$8,420.87
Total metal roof panel replacement	30	5.91 Sq.	\$4,995.58	\$5,916.90	1.6667	1	1	\$5,916.90	\$5,916.90
Check / minor repairs drinking fountain	1	2.00 Ea.	\$97.76	\$122.27	50.0000	50	50	\$6,113.26	\$6,113.26
Unplug clogged line tankless water closet	5	2.00 Ea.	\$436.79	\$546.25	10.0000	10	10	\$5,462.54	\$5,462.54
Replace fluorescent light fixture ballast, 80 W	10	3.94 Ea.	\$491.27	\$595.97	5.0000	5	5	\$2,979.83	\$2,979.83
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	4.00 S.F.	\$48.23	\$56.69	50.0000	50	50	\$2,834.32	\$2,834.32
Repair steel, painted, door	14	1.00 Ea.	\$625.07	\$744.01	3.5714	3	3	\$2,232.02	\$2,232.02
Correct water pressure drinking fountain	2	2.00 Ea.	\$83.64	\$104.60	25.0000	25	25	\$2,615.12	\$2,615.12
Replace smoke detector	15	2.00 Ea.	\$568.47	\$678.92	3.3333	3	3	\$2,036.77	\$2,036.77
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	4.00 Ea.	\$578.95	\$690.44	2.5000	2	2	\$1,380.87	\$1,380.87
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	50.0000	50	50	\$2,146.43	\$2,146.43
Repair solid core wood door, interior	11	2.00 Ea.	\$586.90	\$683.13	4.5455	4	4	\$2,732.51	\$2,732.51
Check operation smoke detector	1	2.00 Ea.	\$32.39	\$40.58	50.0000	50	50	\$2,028.90	\$2,028.90
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.71	\$182.27	10.0000	10	10	\$1,822.75	\$1,822.75
Unplug line urinal	5	1.00 Ea.	\$145.07	\$181.43	10.0000	10	10	\$1,814.28	\$1,814.28
Replace manual pull station	15	2.00 Ea.	\$406.94	\$489.88	3.3333	3	3	\$1,469.65	\$1,469.65
Replace refrigerant drinking fountain	2	2.00 Ea.	\$65.37	\$76.54	25.0000	25	25	\$1,913.46	\$1,913.46
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	2.00 Ea.	\$86.73	\$106.50	12.5000	12	11	\$1,277.99	\$1,171.49
Repair internal leaks drinking fountain	4	2.00 Ea.	\$90.16	\$112.76	12.5000	12	12	\$1,353.07	\$1,353.07
Replace aluminum gutter, enameled, 5" K type, .027 " thick	40	78.81 L.F.	\$756.26	\$913.71	1.2500	1	1	\$913.71	\$913.71
Replace lamps (2 lamps), 4', 34 W energy saver	10	3.94 Ea.	\$99.36	\$124.44	5.0000	5	5	\$622.20	\$622.20
Replace 3'-0" x 7'-0" solid core wood door, interior	40	2.00 Ea.	\$978.85	\$1,131.62	1.2500	1	1	\$1,131.62	\$1,131.62
Check and repair manual pull station	10	2.00 Ea.	\$175.39	\$215.66	5.0000	5	4	\$1,078.30	\$862.64
Repair drain leak drinking fountain	4	2.00 Ea.	\$67.83	\$81.07	12.5000	12	10	\$972.83	\$810.69
Replace 3'-0" x 7'-0" steel, painted, door	45	1.00 Ea.	\$705.06	\$819.73	1.1111	1	1	\$819.73	\$819.73
Rebuild flush valve tankless water closet	20	2.00 Ea.	\$360.87	\$434.91	2.5000	2	2	\$869.83	\$869.83
Replace sprinkler head	20	3.00 Ea.	\$256.57	\$315.57	2.5000	2	2	\$631.14	\$631.14

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	2.23 S.F.	\$40.86	\$49.51	50.0000	50	50	\$2,475.56	\$2,475.56	
Maintenance and inspection lighting panel, indoor	3	0.66 Ea.	\$26.69	\$33.44	16.6667	16	16	\$535.10	\$535.10	
Repair air conditioner, thru-the-wall, 2 ton	8	1.00 Ea.	\$107.09	\$131.33	6.2500	6	6	\$787.96	\$787.96	
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	11.82 S.F.	\$41.29	\$49.54	10.0000	10	10	\$495.45	\$495.45	
Repair smoke detector	10	2.00 Ea.	\$112.78	\$139.43	5.0000	5	4	\$697.14	\$557.71	
Refinish 3'-0" x 7'-0" steel, painted, door	4	1.00 Ea.	\$41.40	\$50.87	12.5000	12	12	\$610.39	\$610.39	
Minor metal roof panel replacement, 2.5% of roof area	20	14.45 S.F.	\$165.12	\$196.10	2.5000	2	2	\$392.20	\$392.20	
Replace fire alarm bell, 6"	20	1.00 Ea.	\$194.96	\$235.28	2.5000	2	2	\$470.55	\$470.55	
Rebuild flush valve for a urinal	20	1.00 Ea.	\$180.43	\$217.46	2.5000	2	2	\$434.91	\$434.91	
Replace flush valve diaphragm tankless water closet	10	2.00 Ea.	\$52.44	\$65.07	5.0000	5	5	\$325.36	\$325.36	
Replace flush valve diaphragm for a urinal	7	1.00 Ea.	\$26.22	\$32.54	7.1429	7	7	\$227.75	\$227.75	
Unclog floor drain, PVC	20	1.00 Ea.	\$47.80	\$59.77	2.5000	2	2	\$119.55	\$119.55	
			\$18,675.97	\$22,233.50				MR Subtotal	\$128,239.38	
									MR Per Year	\$2,564.79
									PM Total	\$545.51
									Subtotal	\$3,110.30
									Total Per Unit	\$3.46

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Zip Code Prefix 222

Type PM

UM SF

Design Life 50

Average Size 899.0

SUC \$3.46

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 (vacuum breaker type), annualized	2.00	0.35	\$16.88	\$17.80	\$0.00	\$34.68	\$41.71	\$49.58
Lavatories, annualized	2.00	0.70	\$11.93	\$41.41	\$0.00	\$53.34	\$66.95	\$81.16
Drink fountain, annualized	2.00	1.24	\$41.45	\$62.55	\$0.00	\$104.00	\$126.91	\$151.90
Unit heater, gas radiant, annualized	2.00	2.02	\$2.93	\$101.31	\$0.00	\$104.25	\$134.93	\$165.77
						\$364.72	\$452.40	\$545.51

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Modeled Component List
CostWorks Release 2021 Qtr 3

D40 Fire Protection		
Sprinkler System, Fire Supression , 3" backflow preventer		1.0 Ea.
Sprinkler System, Fire Supression, sprinkler head		3.0 Ea.
D20 Plumbing		
Drinking Fountain		2.0 Ea.
D30 HVAC		
Air Conditioner, Thru-the-Wall		1.0 Ea.
B30 Roofing		
Metal Steep Roofing	5.91089766407119 Sq.	
Aluminum Gutter	78.81196885428254 L.F.	
D50 Electrical		
Smoke Detector		2.0 Ea.
Manual Pull Station		2.0 Ea.
Load Center, 100 A, maintenance & inspection	0.6567664071190211 Ea.	
Fire Alarm Bell		1.0 Ea.
C10 Interior Construction		
Solid Core Interior Doors		2.0 Ea.
B20 Exterior Enclosure		
Steel, Painted		1.0 Ea.

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Sustainment by Year
CostWorks Release 2021 Qtr 3

