

**FAC 1713 BAND TRAINING FACILITY**

FY22 SUC:           \$6.23 / SF  
Source:            Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

**FAC 1713 BAND TRAINING FACILITY**

SUC \$6.23

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.

 Release 2021 Qtr 3  
 Zip Code Prefix 222  
 Type MR

 UM SF  
 Design Life 50  
 Average Size 9632.0

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace lighting fixture exit light	20	25.00 Ea.	\$4,775.87	\$5,744.02	2.5000	2	2	\$11,488.04	\$11,488.04
Replace sprinkler head	20	46.00 Ea.	\$3,934.05	\$4,838.72	2.5000	2	2	\$9,677.43	\$9,677.43
Debris removal by hand & visual inspection,modified bitum/thermoplastc	1	4.55 M.S.F.	\$171.43	\$209.09	50.0000	50	50	\$10,454.46	\$10,454.46
Check / minor repairs drinking fountain	1	3.00 Ea.	\$146.65	\$183.40	50.0000	50	50	\$9,169.89	\$9,169.89
Replace fire alarm control panel	15	1.00 Ea.	\$1,953.46	\$2,391.92	3.3333	3	3	\$7,175.76	\$7,175.76
Replace starter motor starter, up to 600 V	18	5.00 Ea.	\$4,026.55	\$4,790.37	2.7778	2	2	\$9,580.74	\$9,580.74
Refinish concrete floor finished	25	8.19 C.S.F.	\$3,454.77	\$4,149.71	2.0000	2	2	\$8,299.42	\$8,299.42
Replace tankless flush valve	25	12.00 Ea.	\$3,026.58	\$3,553.33	2.0000	2	2	\$7,106.65	\$7,106.65
Repair central station A.H.U., 16,000 CFM	10	1.00 Ea.	\$1,502.82	\$1,746.04	5.0000	5	4	\$8,730.18	\$6,984.14
Repair 2'-0" x 3'-0" aluminum window - 2nd floor	20	15.20 Ea.	\$2,908.06	\$3,502.93	2.5000	2	2	\$7,005.86	\$7,005.86
Repair cooling tower, 50 ton	10	1.00 Ea.	\$1,244.67	\$1,481.97	5.0000	5	4	\$7,409.84	\$5,927.87
Unplug line urinal	5	4.00 Ea.	\$580.29	\$725.71	10.0000	10	10	\$7,257.12	\$7,257.12
Replace pump / motor assembly circulation pump, 1/12 HP	10	1.00 Ea.	\$1,100.58	\$1,290.00	5.0000	5	5	\$6,449.98	\$6,449.98
Repair solid core wood door, interior	11	6.10 Ea.	\$1,790.06	\$2,083.54	4.5455	4	4	\$8,334.16	\$8,334.16
Repair smoke detector	10	19.00 Ea.	\$1,071.36	\$1,324.57	5.0000	5	4	\$6,622.84	\$5,298.27
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	8.16 S.F.	\$98.39	\$115.64	50.0000	50	50	\$5,782.02	\$5,782.02
Check operation heat detector	1	6.00 Ea.	\$97.17	\$121.73	50.0000	50	50	\$6,086.71	\$6,086.71
Maintenance and repair incandescent lighting fixtures	10	14.00 Ea.	\$964.12	\$1,147.79	5.0000	5	5	\$5,738.95	\$5,738.95
Non-destructive moisture inspection, modified bituminous/thermoplastic	5	4.55 M.S.F.	\$531.93	\$648.79	10.0000	10	10	\$6,487.92	\$6,487.92
Replace lamp exit light	5	25.00 Ea.	\$421.16	\$499.09	10.0000	10	10	\$4,990.87	\$4,990.87
Rebuild flush valve tankless water closet	20	12.00 Ea.	\$2,165.21	\$2,609.49	2.5000	2	2	\$5,218.97	\$5,218.97
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$43.18	\$54.10	100.0000	100	100	\$5,410.41	\$5,410.41
Replace terminal reheat, 18" x 24" coil	15	1.00 Ea.	\$2,009.00	\$2,312.37	3.3333	3	3	\$6,937.11	\$6,937.11
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	13.60 Ea.	\$1,968.42	\$2,347.48	2.5000	2	2	\$4,694.96	\$4,694.96
Replace wall-hung urinal	35	4.00 Ea.	\$3,875.45	\$4,676.42	1.4286	1	1	\$4,676.42	\$4,676.42
Replace 12' x 12' steel roll-up door	35	1.00 Ea.	\$2,703.58	\$3,208.87	1.4286	1	1	\$3,208.87	\$3,208.87
Replace washer in faucet lavatory, vitreous china	2	12.00 Ea.	\$154.62	\$192.62	25.0000	25	25	\$4,815.55	\$4,815.55
Replace manual pull station	15	5.00 Ea.	\$1,017.34	\$1,224.71	3.3333	3	3	\$3,674.12	\$3,674.12
Replace heat detector	15	6.00 Ea.	\$1,025.78	\$1,254.24	3.3333	3	3	\$3,762.73	\$3,762.73
Correct water pressure drinking fountain	2	3.00 Ea.	\$125.46	\$156.91	25.0000	25	25	\$3,922.67	\$3,922.67
Replace 3'-0" x 7'-0" steel, painted, door	45	4.00 Ea.	\$2,820.26	\$3,278.92	1.1111	1	1	\$3,278.92	\$3,278.92
Refinish gypsum board ceiling, up to 12' high	20	9.60 C.S.F.	\$1,239.30	\$1,532.00	2.5000	2	2	\$3,064.00	\$3,064.00

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, with wire glass, door	45	2.00 Ea.	\$2,328.72	\$2,718.22	1.1111	1	1	\$2,718.22	\$2,718.22
Maintenance and repair exit light	20	25.00 Ea.	\$930.04	\$1,150.08	2.5000	2	2	\$2,300.16	\$2,300.16
Replace metal stair railing, interior	45	53.00 L.F.	\$2,276.65	\$2,664.83	1.1111	1	1	\$2,664.83	\$2,664.83
Check and repair manual pull station	10	5.00 Ea.	\$438.48	\$539.15	5.0000	5	4	\$2,695.76	\$2,156.61
Refinish 3'-0" x 7'-0" steel painted interior door	4	3.00 Ea.	\$157.76	\$194.36	12.5000	12	12	\$2,332.31	\$2,332.31
Check operation master clock control	1	1.00 Ea.	\$43.18	\$54.10	50.0000	50	50	\$2,705.20	\$2,705.20
Refinish 12' x 12' steel roll-up door	5	1.00 Ea.	\$203.45	\$249.19	10.0000	10	10	\$2,491.89	\$2,491.89
Replace refrigerant drinking fountain	2	3.00 Ea.	\$98.05	\$114.81	25.0000	25	25	\$2,870.19	\$2,870.19
Refinish 3'-0" x 7'-0" steel, painted, door	4	4.00 Ea.	\$165.60	\$203.46	12.5000	12	12	\$2,441.58	\$2,441.58
Prepare and refinish 3'-0" x 7'-0" steel painted. door	4	2.00 Ea.	\$160.16	\$198.00	12.5000	12	12	\$2,376.04	\$2,376.04
Repair 5/8" drywall - (2% of walls)	20	481.60 S.F.	\$806.84	\$981.74	2.5000	2	2	\$1,963.47	\$1,963.47
Repair heat detector	10	6.00 Ea.	\$368.27	\$452.31	5.0000	5	5	\$2,261.54	\$2,261.54
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	50.0000	50	50	\$2,146.43	\$2,146.43
Replace flush valve diaphragm tankless water closet	10	12.00 Ea.	\$314.64	\$390.43	5.0000	5	5	\$1,952.15	\$1,952.15
Repair internal leaks drinking fountain	4	3.00 Ea.	\$135.24	\$169.13	12.5000	12	12	\$2,029.60	\$2,029.60
Replace tempered glass - (3% of glass) steel painted door	1	1.26 S.F.	\$28.47	\$34.02	50.0000	50	50	\$1,701.05	\$1,701.05
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
Rebuild flush valve for a urinal	20	4.00 Ea.	\$721.74	\$869.83	2.5000	2	2	\$1,739.66	\$1,739.66
Replace washer in spud connection lavatory, vitreous china	7	12.00 Ea.	\$197.55	\$240.96	7.1429	7	7	\$1,686.72	\$1,686.72
Replace incandescent lighting fixture lamp	5	14.00 Ea.	\$160.75	\$194.15	10.0000	10	10	\$1,941.48	\$1,941.48
Repair drain leak drinking fountain	4	3.00 Ea.	\$101.75	\$121.60	12.5000	12	10	\$1,459.25	\$1,216.04
Maintenance and inspection lighting panel, indoor	3	2.00 Ea.	\$81.29	\$101.84	16.6667	16	16	\$1,629.49	\$1,629.49
Replace pipe and fittings, copper 2"	25	8.00 L.F.	\$491.88	\$585.16	2.0000	2	2	\$1,170.32	\$1,170.32
Unstop sink, iron enamel	2	1.00 Ea.	\$41.82	\$52.30	25.0000	25	25	\$1,307.56	\$1,307.56
Drain and flush water heater, electric, 120 gallon	7	0.50 Ea.	\$147.19	\$184.08	7.1429	7	7	\$1,288.54	\$1,288.54
Repair circulator pump, 1/12 - 3/4 H.P.	5	1.00 Ea.	\$98.13	\$115.73	10.0000	10	7	\$1,157.31	\$810.12
Replace time control clock master clock	15	1.00 Ea.	\$303.15	\$359.86	3.3333	3	3	\$1,079.57	\$1,079.57
Repair steel, painted, door	14	0.40 Ea.	\$250.03	\$297.60	3.5714	3	3	\$892.81	\$892.81
Replace pipe and fittings, copper 3/4"	20	16.00 L.F.	\$416.86	\$502.12	2.5000	2	2	\$1,004.24	\$1,004.24
Maintenance and repair master clock control	10	1.00 Ea.	\$191.92	\$230.28	5.0000	5	5	\$1,151.38	\$1,151.38
Replace faucets sink, iron enamel	10	1.00 Ea.	\$181.73	\$218.76	5.0000	5	5	\$1,093.78	\$1,093.78
Replace fire alarm bell, 6"	20	2.00 Ea.	\$389.92	\$470.55	2.5000	2	2	\$941.10	\$941.10
Inspect / check pump / motor operation, lubricate circulation pump, 1/12 HP	0.5	1.00 Ea.	\$8.03	\$10.04	100.0000	100	100	\$1,003.93	\$1,003.93

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace flush valve diaphragm for a urinal	7	4.00 Ea.	\$104.88	\$130.14	7.1429	7	7	\$911.00	\$911.00
Repair joint pipe and fittings, PVC	10	1.00 Ea.	\$151.29	\$188.00	5.0000	5	5	\$940.00	\$940.00
Replace pipe, 4" pipe and fittings, PVC	30	8.00 L.F.	\$652.71	\$803.07	1.6667	1	1	\$803.07	\$803.07
Replace sink, P.E.C.I. sink, iron enamel kitchen	35	1.00 Ea.	\$636.70	\$757.51	1.4286	1	1	\$757.51	\$757.51
Ceramic tile floor repairs - (2% of floors)	15	0.24 C.S.F.	\$155.04	\$193.31	3.3333	3	3	\$579.92	\$579.92
Repair terminal reheat, 18" x 24" coil	10	1.00 Ea.	\$103.74	\$129.74	5.0000	5	5	\$648.68	\$648.68
Repair 12' x 12' steel roll-up door	10	0.10 Ea.	\$67.59	\$80.22	5.0000	5	5	\$401.11	\$401.11
Replace pipe & fittings, cast iron, 4"	40	8.00 L.F.	\$535.58	\$642.86	1.2500	1	1	\$642.86	\$642.86
Resolder joint pipe & fittings, copper	10	2.00 Ea.	\$89.19	\$110.56	5.0000	5	5	\$552.79	\$552.79
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	16.00 L.F.	\$133.73	\$165.15	3.3333	3	3	\$495.46	\$495.46
Repair concrete steps	15	6.60 S.F.	\$150.81	\$174.57	3.3333	3	3	\$523.72	\$523.72
Replace metal flue, all fuel SS, 6" diameter metal flue / chimney	15	1.00 L.F.	\$129.05	\$149.45	3.3333	3	3	\$448.36	\$448.36
Flashing repairs, 2 S.F. per sq. repaired, modified bitumen/thermoplastic	1	1.82 S.F.	\$7.02	\$8.40	50.0000	50	50	\$419.88	\$419.88
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$12.78	\$15.92	25.0000	25	25	\$397.90	\$397.90
Unclog main drain pipe & fittings, cast iron	10	1.00 Ea.	\$46.17	\$57.74	5.0000	5	5	\$288.68	\$288.68
Repair steel painted interior door	14	0.30 Ea.	\$88.04	\$102.47	3.5714	3	3	\$307.41	\$307.41
Repair gypsum board ceiling - (2% of ceilings)	20	0.16 C.S.F.	\$59.03	\$72.47	2.5000	2	2	\$144.95	\$144.95
Clean trap sink, iron enamel	3	1.00 Ea.	\$8.57	\$10.72	16.6667	16	16	\$171.50	\$171.50
Unclog floor drain, PVC	20	1.00 Ea.	\$47.80	\$59.77	2.5000	2	2	\$119.55	\$119.55
Replace vinyl tile flooring	18	0.25 S.Y.	\$12.50	\$15.35	2.7778	2	2	\$30.70	\$30.70
Check operation water heater, electric, 120 gallon	3	0.50 Ea.	\$1.29	\$1.62	16.6667	16	16	\$25.87	\$25.87
Replace clay brick wall, 2nd floor	75	22.82 C.S.F.	\$51,559.15	\$62,732.06	0.6667	0	0	\$0.00	\$0.00
Replace 3'-0" x 7'-0" steel painted interior door	60	3.00 Ea.	\$3,654.10	\$4,236.25	0.8333	0	0	\$0.00	\$0.00
Replace concrete steps	100	66.00 S.F.	\$3,528.28	\$4,302.69	0.5000	0	0	\$0.00	\$0.00
Replace 5/8" drywall	75	24,079.00 S.F.	\$56,118.71	\$68,678.27	0.6667	0	0	\$0.00	\$0.00
Repair water cooled chiller, 50 ton, reciprocating	10	1.00 Ea.	\$45,520.89	\$52,632.05	5.0000	5	5	\$263,160.26	\$263,160.26
Replace central station A.H.U., 16,000 CFM	15	1.00 Ea.	\$66,939.65	\$77,045.08	3.3333	3	3	\$231,135.23	\$231,135.23
Replace chiller, water cooled 50 ton, reciprocating	20	1.00 Ea.	\$52,675.18	\$61,378.40	2.5000	2	2	\$122,756.80	\$122,756.80
Replace acoustic tile ceiling, fire-rated	20	90.00 C.S.F.	\$47,180.57	\$55,609.75	2.5000	2	2	\$111,219.50	\$111,219.50
Replace 2'-0" x 3'-0" aluminum window - 2nd floor	50	152.00 Ea.	\$81,276.59	\$96,728.41	1.0000	1	1	\$96,728.41	\$96,728.41
Replace fluorescent light fixture ballast, 80 W	10	128.00 Ea.	\$15,957.56	\$19,358.37	5.0000	5	5	\$96,791.83	\$96,791.83
Replace fabric wall finish fabric interior	50	488.70 S.Y.	\$71,840.06	\$88,678.00	1.0000	1	1	\$88,678.00	\$88,678.00
Replace receptacle/plug receptacles and plugs	20	550.00 Ea.	\$39,575.56	\$48,783.15	2.5000	2	2	\$97,566.31	\$97,566.31

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair fabric wall finish fabric interior	9	488.70 S.Y.	\$14,844.86	\$17,803.37	5.5556	5	5	\$89,016.87	\$89,016.87
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	136.00 Ea.	\$66,385.90	\$78,679.30	1.0000	1	1	\$78,679.30	\$78,679.30
Total roof replacement, modified bituminous / thermoplastic	25	45.52 Sq.	\$28,847.34	\$34,234.21	2.0000	2	2	\$68,468.42	\$68,468.42
Replace cooling tower, 50 ton	15	1.00 Ea.	\$16,033.09	\$18,465.51	3.3333	3	3	\$55,396.53	\$55,396.53
Replace emergency lighting fixture	20	25.00 Ea.	\$15,059.20	\$17,744.04	2.5000	2	2	\$35,488.07	\$35,488.07
Maintenance and repair wiring devices, switches	10	220.00 Ea.	\$9,293.56	\$11,602.49	5.0000	5	5	\$58,012.47	\$58,012.47
Maintenance and repair receptacles and plugs	20	550.00 Ea.	\$23,233.89	\$29,006.24	2.5000	2	2	\$58,012.47	\$58,012.47
Replace glass - 2nd floor (1% of glass) - alum. window fixed	1	9.12 S.F.	\$968.49	\$1,195.36	50.0000	50	50	\$59,768.18	\$59,768.18
Replace wiring devices, switches	15	220.00 Ea.	\$14,383.11	\$17,868.82	3.3333	3	3	\$53,606.45	\$53,606.45
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 lamp emergency lighting fixture	2	25.00 Ea.	\$1,367.24	\$1,646.89	25.0000	25	25	\$41,172.29	\$41,172.29
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	61.00 Ea.	\$2,645.25	\$3,248.23	12.5000	12	11	\$38,978.76	\$35,730.53
Replace 3'-0" x 7'-0" solid core wood door, interior	40	61.00 Ea.	\$29,855.07	\$34,514.42	1.2500	1	1	\$34,514.42	\$34,514.42
Maintenance and inspection motor starter, up to 600 V	0.5	5.00 Ea.	\$269.90	\$338.15	100.0000	100	100	\$33,815.04	\$33,815.04
Unplug clogged line tankless water closet	5	12.00 Ea.	\$2,620.74	\$3,277.52	10.0000	10	10	\$32,775.22	\$32,775.22
Replace lamps (2 lamps), 4', 34 W energy saver	10	128.00 Ea.	\$3,227.39	\$4,042.10	5.0000	5	5	\$20,210.52	\$20,210.52
Repair clay brick wall, 1st floor	25	265.00 S.F.	\$11,388.80	\$13,977.28	2.0000	2	2	\$27,954.57	\$27,954.57
Replace fountain drinking fountain	10	3.00 Ea.	\$3,843.47	\$4,543.68	5.0000	5	5	\$22,718.38	\$22,718.38
Replace smoke detector	15	19.00 Ea.	\$5,400.51	\$6,449.78	3.3333	3	3	\$19,349.33	\$19,349.33
Replace 2" x 2" thin set ceramic tile floor	50	12.29 C.S.F.	\$15,038.57	\$18,153.48	1.0000	1	1	\$18,153.48	\$18,153.48
Replace wax ring gasket for tankless water closet	5	12.00 Ea.	\$1,698.23	\$2,121.92	10.0000	10	10	\$21,219.17	\$21,219.17
Replace roof mounted exhaust fan, 8500 CFM exhaust fan	20	2.00 Ea.	\$7,879.67	\$9,146.83	2.5000	2	2	\$18,293.66	\$18,293.66
Membrane replacement-(25% of roof area),modified bitum/thermoplastic	20	11.38 Sq.	\$8,916.99	\$10,648.34	2.5000	2	2	\$21,296.69	\$21,296.69
Replace water heater, electric, 120 gallon	15	0.50 Ea.	\$7,316.29	\$8,368.44	3.3333	3	3	\$25,105.33	\$25,105.33
Check operation smoke detector	1	19.00 Ea.	\$307.69	\$385.49	50.0000	50	50	\$19,274.57	\$19,274.57
Repair boiler, gas, 250 MBH	7	1.00 Ea.	\$2,031.05	\$2,390.45	7.1429	7	7	\$16,733.15	\$16,733.15
Minor thermoplastic membrane repairs, 2% of roof area	1	0.91 Sq.	\$295.24	\$351.30	50.0000	50	50	\$17,565.18	\$17,565.18
Maintenance and repair motor starter, up to 600 V	5	5.00 Ea.	\$1,398.19	\$1,687.99	10.0000	10	10	\$16,879.90	\$16,879.90
Replace circulator pump, 1/12 - 3/4 H.P.	15	1.00 Ea.	\$3,822.30	\$4,402.23	3.3333	3	3	\$13,206.68	\$13,206.68
Clean out strainer and P trap lavatory, vitreous china	2	12.00 Ea.	\$418.43	\$523.29	25.0000	25	25	\$13,082.37	\$13,082.37
Replace tankless water closet	35	12.00 Ea.	\$15,434.65	\$17,861.94	1.4286	1	1	\$17,861.94	\$17,861.94
Replace faucets lavatory, vitreous china	10	12.00 Ea.	\$2,180.71	\$2,625.06	5.0000	5	5	\$13,125.32	\$13,125.32
Replace boiler, gas, 250 MBH	30	1.00 Ea.	\$9,398.04	\$11,210.13	1.6667	1	1	\$11,210.13	\$11,210.13

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace lavatory, vitreous china	35	12.00 Ea .	\$8,070.89	\$9,698.65	1.4286	1	1	\$9,698.65	\$9,698.65
			\$938,975.89	\$1,121,385.93				MR Subtotal	\$2,498,449.01
								MR Per Year	\$49,921.17
								PM Total	\$10,114.47
								Subtotal	\$60,035.64
								Total Per Unit	\$6.23

## FAC 1713 BAND TRAINING FACILITY

SUC \$6.23

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 50

Type PM

Average Size 9632.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	67.00	17.42	\$977.66	\$720.21	\$0.00	\$1,697.87	\$2,011.70	\$2,374.42
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	1.00	4.07	\$40.96	\$168.81	\$0.00	\$209.77	\$264.51	\$321.30
Fire doors, swinging, annualized	3.00	1.18	\$42.96	\$43.67	\$0.00	\$86.64	\$104.03	\$123.58
Urinals, annualized	4.00	0.91	\$25.27	\$45.81	\$0.00	\$71.09	\$87.36	\$104.89
Toilet (vacuum breaker type), annualized	12.00	2.12	\$101.30	\$106.78	\$0.00	\$208.08	\$250.24	\$297.47
Lavatories, annualized	12.00	4.18	\$71.58	\$248.44	\$0.00	\$320.02	\$401.71	\$486.98
Drink fountain, annualized	3.00	1.86	\$62.18	\$93.83	\$0.00	\$156.00	\$190.37	\$227.84
Boiler, hot water, oil, gas, or comb. fired, up to 120 MBH, annualized	1.00	12.53	\$77.34	\$753.25	\$0.00	\$830.60	\$1,064.31	\$1,301.88
Air handling unit, 25 thru 50 tons, annualized	1.00	1.94	\$379.12	\$97.79	\$0.00	\$476.92	\$544.17	\$630.37
VAV Boxes, annualized	9.00	8.41	\$86.44	\$507.46	\$0.00	\$593.90	\$754.78	\$919.98
Fan, axial, up to 5,000 CFM, annualized	2.00	2.49	\$23.46	\$125.10	\$0.00	\$148.56	\$188.43	\$229.48
Package unit, air cooled, 3 thru 24 ton, annualized	2.00	4.79	\$353.85	\$288.97	\$0.00	\$642.82	\$764.89	\$904.66
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
Central clock systems, annualized	1.00	1.32	\$12.11	\$78.22	\$0.00	\$90.33	\$115.01	\$140.29
Light, emergency, hardwired system, annualized	25.00	6.25	\$193.31	\$369.08	\$0.00	\$562.39	\$692.44	\$832.16
						\$6,874.81	\$8,431.41	\$10,114.47





**FAC 1713 BAND TRAINING FACILITY**  
**Modeled Component List**  
**CostWorks Release 2021 Qtr 3**

**D50 Electrical**

Exit Light	25.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Motor Starter, Up To 600 V	5.0 Ea.
Manual Pull Station	5.0 Ea.
Heat Detector	6.0 Ea.
Load Center, 100 A, maintenance & inspection	2.0 Ea.
Master Clock Control	1.0 Ea.
Fire Alarm Bell	2.0 Ea.
Emergency Lighting Fixture	25.0 Ea.
Smoke Detector	19.0 Ea.

**D40 Fire Protection**

Sprinkler System, Fire Supression, sprinkler head	46.0 Ea.
Sprinkler System, Fire Supression , 3" backflow preventer	1.0 Ea.

**C30 Interior Finishes**

Concrete, Finished	8.19 C.S.F.
Vinyl	0.253 S.Y.
Drywall	24079.0 S.F.
Acoustic Tile, fire-rated	90.0 C.S.F.
Fabric Interior Wall Finish	488.7 S.Y.

**D20 Plumbing**

Circulation Pump, 1/12 HP	1.0 Ea.
Urinal	4.0 Ea.
Sink, Iron Enamel	1.0 Ea.
Drinking Fountain	3.0 Ea.
Water Heater, Electric, 120 Gallon	0.5 Ea.
Tankless Water Closet	12.0 Ea.
Lavatory, Vitreous China	12.0 Ea.

**D30 HVAC**

Terminal Reheat Coil, 18" x 24"	1.0 Ea.
Metal Flue / Chimney, 6" diameter	1.0 L.F.
Central Station Air Conditioning Air Handling Unit, 16,000 CFM	1.0 Ea.
Chiller, Water Cooled, Reciprocating, 50 ton	1.0 Ea.
Cooling Tower, 50 ton	1.0 Ea.
Exhaust Fan, roof mounted exhaust fan, 8500 CFM exhaust	2.0 Ea.
Circulator Pump, 1/12 - 3/4 H.P.	1.0 Ea.
Boiler, Gas, 250 MBH	1.0 Ea.
VAV Box	9.0 Each

**B20 Exterior Enclosure**

Steel Single, Roll-Up	1.0 Ea.
Steel, Painted	4.0 Ea.
Steel, Painted, w/ wire glass	2.0 Ea.
Aluminum Window, Fixed, 2nd floor	152.0 Ea.
Aluminum Window, Fixed, 1st floor	136.0 Ea.

**C20 Stairs**

Metal Interior Stair Railing	53.0 L.F.
Concrete Steps	66.0 S.F.

**C10 Interior Construction**

Steel Painted Interior Doors	3.0 Ea.
Solid Core Interior Doors	61.0 Ea.
Fire Doors, Swinging, annualized	3.0 Each

**B30 Roofing**

Modified Bituminous / Thermoplastic

45.52 Sq.

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Sustainment by Year  
CostWorks Release 2021 Qtr 3

