

**FAC 1734 OBSERVATION TOWER-BUNKER**

FY22 SUC: \$941.33 / EA  
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 1734 OBSERVATION TOWER-BUNKER

Release 2021 Qtr 3  
Zip Code Prefix 222  
Type MR

UM EA  
Design Life 36  
Average Size 1.0

SUC \$941.33

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 unfinished concrete floor	75	0.20 C.S.F.	\$111.83	\$132.95	0.4800	0	0	\$0.00	\$0.00
Repair concrete stairs	30	16.00 S.F.	\$528.07	\$610.65	1.2000	1	1	\$610.65	\$610.65
Repair metal stairs	15	45.00 S.F.	\$4,532.67	\$5,215.02	2.4000	2	2	\$10,430.04	\$10,430.04
Refinish fire escape balcony, 2' wide	7	2.00 L.F.	\$46.96	\$56.72	5.1429	5	5	\$283.58	\$283.58
Replace steel decking	30	40.00 S.F.	\$293.98	\$340.05	1.2000	1	1	\$340.05	\$340.05
Repair 8" concrete block wall, 1st floor	25	65.00 S.F.	\$1,573.96	\$1,925.51	1.4400	1	1	\$1,925.51	\$1,925.51
Replace glass block wall, 1st floor	75	0.20 C.S.F.	\$1,109.87	\$1,312.58	0.4800	0	0	\$0.00	\$0.00
Maintenance and repair lightning ground rod	1	1.00 Ea.	\$87.89	\$109.79	36.0000	36	36	\$3,952.34	\$3,952.34
Maintenance and repair breaker, enclosed, 240 V, 2 pole	25	4.00 Ea.	\$287.05	\$359.63	1.4400	1	1	\$359.63	\$359.63
Replace armored cable	60	0.25 M.L.F.	\$1,365.33	\$1,693.86	0.6000	0	0	\$0.00	\$0.00
Maintenance and repair wiring devices, switches	10	4.00 Ea.	\$168.97	\$210.95	3.6000	3	3	\$632.86	\$632.86
Replace fluorescent light fixture ballast, 80 W	10	4.00 Ea.	\$498.67	\$604.95	3.6000	3	3	\$1,814.85	\$1,814.85
Replace lamps (2 lamps) fluorescent lighting fixture, 8', 60 W energy saver	10	8.00 Ea.	\$251.32	\$306.52	3.6000	3	3	\$919.57	\$919.57
Replace fluorescent lighting fixture, strip, surface mtd, 8', two 75 W	20	2.00 Ea.	\$440.50	\$532.72	1.8000	1	1	\$532.72	\$532.72
			\$11,297.07	\$13,411.91					
								MR Subtotal	\$21,801.80
								MR Per Year	\$605.61
								PM Total	\$335.72
								Subtotal	\$941.33
								Total Per Unit	\$941.33

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Design Life 36

Type PM

Average Size 1.0

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	\$14.59	\$10.75	\$0.00	\$25.34	\$30.03	\$35.44
Light, emergency, hardwired system, annualized	2.00	0.50	\$15.46	\$29.53	\$0.00	\$44.99	\$55.40	\$66.57
Panelboard, 225 A and above, annualized	2.00	0.88	\$46.39	\$58.02	\$0.00	\$104.41	\$126.46	\$150.82
Unit heater, gas radiant, annualized	1.00	1.01	\$1.47	\$50.66	\$0.00	\$52.12	\$67.47	\$82.88
						\$226.87	\$279.34	\$335.72



# **FAC 1734 OBSERVATION TOWER-BUNKER**

## **Modeled Component List**

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

B10 Superstructure

Steel Decking

40.0 S.F.

FAC 1734 OBSERVATION TOWER-BUNKER  
Sustainment by Year  
CostWorks Release 2021 Qtr 3

