

FAC 7381 FORESTRY GUARD STATION

| | |
|-----------|--|
| FY22 SUC: | \$1.81 / SF |
| Source: | Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices |

FAC 7381 FORESTRY GUARD STATION

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 36
Average Size 429.0

SUC \$1.81

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 aluminum siding, 1st floor | 35 | 4.00 C.S.F. | \$2,337.38 | \$2,814.69 | 1.0286 | 1 | 1 | \$2,814.69 | \$2,814.69 | |
| Repair solid core, painted, door | 12 | 1.00 Ea. | \$376.44 | \$450.46 | 3.0000 | 3 | 3 | \$1,351.37 | \$1,351.37 | |
| Debris removal by hand and visual inspection, asphalt shingle | 1 | 0.20 M.S.F. | \$4.56 | \$5.56 | 36.0000 | 36 | 36 | \$200.09 | \$200.09 | |
| Minor asphalt shingle repair, 2% of roof area | 1 | 3.60 S.F. | \$18.15 | \$21.75 | 36.0000 | 36 | 36 | \$782.99 | \$782.99 | |
| Asphalt shingle flashing repairs, 2 S.F. per sq. repaired | 1 | 0.09 S.F. | \$1.44 | \$1.72 | 36.0000 | 36 | 36 | \$61.96 | \$61.96 | |
| Install new asphalt shingles over existing shingles | 20 | 4.20 Sq. | \$1,160.85 | \$1,368.79 | 1.8000 | 1 | 1 | \$1,368.79 | \$1,368.79 | |
| Total asphalt shingle roof replacement | 40 | 4.20 Sq. | \$1,637.88 | \$1,946.27 | 0.9000 | 0 | 0 | \$0.00 | \$0.00 | |
| Refinish wood steps | 3 | 302.00 S.F. | \$625.31 | \$775.08 | 12.0000 | 12 | 12 | \$9,301.01 | \$9,301.01 | |
| Refinish wood stair railing, interior | 7 | 64.00 L.F. | \$132.52 | \$164.26 | 5.1429 | 5 | 5 | \$821.28 | \$821.28 | |
| Maintenance and repair wall mounted/recessed heater, with fan | 5 | 1.00 Ea. | \$173.10 | \$204.56 | 7.2000 | 7 | 7 | \$1,431.95 | \$1,431.95 | |
| Replace heater wall mounted/recessed heater, with fan | 20 | 1.00 Ea. | \$470.85 | \$561.79 | 1.8000 | 1 | 1 | \$561.79 | \$561.79 | |
| Replace fuse | 25 | 2.00 Ea. | \$826.33 | \$949.40 | 1.4400 | 1 | 1 | \$949.40 | \$949.40 | |
| Maintenance and inspection lighting panel, indoor | 3 | 1.00 Ea. | \$40.64 | \$50.92 | 12.0000 | 12 | 12 | \$611.06 | \$611.06 | |
| Replace circuit breaker molded case, 480 V, 1 pole circuit breaker | 50 | 1.00 Ea. | \$548.29 | \$638.71 | 0.7200 | 0 | 0 | \$0.00 | \$0.00 | |
| Maintenance and repair receptacles and plugs | 20 | 3.00 Ea. | \$126.73 | \$158.22 | 1.8000 | 1 | 1 | \$158.22 | \$158.22 | |
| Replace wiring devices, switches | 15 | 3.00 Ea. | \$196.13 | \$243.67 | 2.4000 | 2 | 2 | \$487.33 | \$487.33 | |
| Replace fluorescent light fixture ballast, 80 W | 10 | 2.00 Ea. | \$249.34 | \$302.47 | 3.6000 | 3 | 2 | \$907.42 | \$604.95 | |
| Replace lamps (2 lamps), 4', 34 W energy saver | 10 | 2.00 Ea. | \$50.43 | \$63.16 | 3.6000 | 3 | 3 | \$189.47 | \$189.47 | |
| Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W | 20 | 2.00 Ea. | \$454.87 | \$554.83 | 1.8000 | 1 | 1 | \$554.83 | \$554.83 | |
| | | | \$9,431.25 | \$11,276.30 | | | | MR Subtotal | \$22,251.18 | |
| | | | | | | | | | MR Per Year | \$618.09 |
| | | | | | | | | | PM Total | \$158.29 |
| | | | | | | | | | Subtotal | \$776.38 |
| | | | | | | | | | Total Per Unit | \$1.81 |

FAC 7381 FORESTRY GUARD STATION

SUC \$1.81

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 36

Type PM

Average Size 429.0

| Description | Qty | Labor Hours | Bare Mat | Bare Labor | Bare Equip | Bare Total | Total In-House | Total Incl OP |
|---|------|-------------|----------|------------|------------|------------|----------------|---------------|
| Unit heater, gas radiant, annualized | 1.00 | 1.01 | \$1.47 | \$50.66 | \$0.00 | \$52.12 | \$67.47 | \$82.88 |
| Panelboard, 225 A and above, annualized | 1.00 | 0.44 | \$23.20 | \$29.01 | \$0.00 | \$52.21 | \$63.23 | \$75.41 |
| | | | | | | \$104.33 | \$130.69 | \$158.29 |

FAC 7381 FORESTRY GUARD STATION

Modeled Component List

CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure

| | |
|----------------------------|------------|
| Aluminum Siding, 1st floor | 4.0 C.S.F. |
|----------------------------|------------|

D30 HVAC

| | |
|-------------------------------|---------|
| Recessed Heater, Wall-Mounted | 1.0 Ea. |
|-------------------------------|---------|

D50 Electrical

| | |
|--|---------|
| Load Center, 100 A, maintenance & inspection | 1.0 Ea. |
|--|---------|

| | |
|---|---------|
| Circuit Breaker, molded case, 480 V, 1 pole | 1.0 Ea. |
|---|---------|

| | |
|------------------------------|---------|
| Fluorescent Lighting Fixture | 2.0 Ea. |
|------------------------------|---------|

FAC 7381 FORESTRY GUARD STATION
Sustainment by Year
CostWorks Release 2021 Qtr 3

