

FAC 1513 PIER / WHARF ACCESS TRESTLE

SUC FY22: \$32.07 SY

Source: Cost data for inspection and repairs provided by Naval Facilities Engineering Systems Command Engineering and Expeditionary Warfare Center (NAVFAC EXWC).

FAC 1513 Pier-Wharf Access Trestle
FY22 SUC Remodel

ESL
2020 RPAD Average Size

50
4,819

Years
SY

Pivot Capture from CALC Table

Row Labels	Sum of ADJ Net Cost w/OP	Average of ADJ Net Cost w/OP	Average of ADJ Net Cost w/OP per SY	Frequency (Years, based on UFC)	# Of Events in 50 Years	Lifetime Cost /SY
Inspection			\$19.78	6	8	\$ 158.24
H1010 - Pile	\$19,710,201.93	\$657,006.73	\$179.67	10	5	\$898.37
H1020 Superstructure	\$4,099,022.89	\$409,902.29	\$102.47	25	2	\$204.95
H1030 Deck	\$1,038,674.99	\$37,095.54	\$42.25	10	5	\$211.27
H1040 Mooring	\$757,430.45	\$84,158.94	\$22.62	10	5	\$113.11
H1050 - Other Pier Component	\$36,271.04	\$18,135.52	\$3.13	10	5	\$15.66
H5 - Other Ancillary Components	\$33,407.77	\$11,135.92	\$0.35	10	5	\$1.75
Grand Total	\$25,675,009.06	\$313,109.87	\$95.23		Subtotal	\$1,603.35
					Per Year	\$32.07
					FY22 FSMv24 SUC	\$32.07

Notes:

Data Provided by EXWC October, 2021

Inspection Costs are same as Pier (FAC 1511) Inspection Costs inflated to FY22

Each Maintenance Event cost normalized for size of individual pier-wharf access trestle in CALC tab below

O/P Set to 20%

Inspection frequency based on UFC 4-150-07, *Maintenance of Waterfront Facilities*