

FAC 1495 REVETMENT

FY22 SUC:	\$165.90 / EA
Source:	Inflated from previous FY using ENR labor and material cost indices to measure actual inflation
Original Source:	Calculation based on R.S. Means Facilities Maintenance and Repair Data, Facilities Construction Cost Data, 2015Q3

FAC 1495 SUC FY16v18 - Revetment

2014 RPAD: 1596 Assets

Assumed Length 100

LF

UM: EA

1

ESL

36

Maintenance Type	Maintenance Activity	Frequency	Duration (Hours) or total Qty (MFS)	Crew	Labor Rate (+ Fringe and Overhead)	Equipment	Equipment rate	Material	Material Quantity	Material Cost / Unit	Cost / Occurance	Occurances in ESL	Cost Over Lifetime
Preventative Maintenance	Maintenance Inspection, Debris Removal, and Animal Burrow Control	1	1	1 x WG9(5) 1 x WG7(5)	\$ 66.64	1 x Pickup Truck	\$ 13.65	0	0	0	\$ 80.29	36	\$ 2,890.46
Maintenance / Repair	Repair Embankment and side slopes	5	1.5	1 x WG9(5) 2 x WG7(5)	\$ 96.61	1 x Truck, Dump 1 x Flatbed, 2 Axil, 25T 1 x Backhoe/loader	\$ 54.75	Engineered Soil	1.5	\$ 24.50	\$ 263.79	7.2	\$ 1,899.30

Sum of Costs over Lifetime \$ 4,789.75
Cost per Year \$ 133.05
Cost per UM \$ 133.05

References

Equipment Costs: RS Means Facilities Construction Cost Data, 30th Ed
Labor Costs: 2015 Salary Tables from OPM.gov with Circular No. A-76 Revised
Material Costs: RS Meams "Costworks" with Facility Maintenance and Repair Costbook, 2015Q3