

**Phase III c Boatyard
Storage/Access Surfaces**

Engineer's Estimate: 2/21/19

Item	Qty	Unit	Unit Cost	TOTALS
Design & Project Engineering	1	LS	\$6,500	\$6,500
Permitting (Shared)	1	LS	\$2,000	\$2,000
Mobilization (Shared)	1	LS	\$47,250	\$47,250
Project Layout/Mtls. Testing	1	LS	\$7,000	\$7,000
Site Preparation/Demolition	1	LS	\$18,853	\$18,853
Excavation & Grading (R&R)	3771	cy	\$16	\$60,330
Geotextile Fabric	109349	sf	\$0	\$27,337
SW Management (sediment fencing & erosion control)	314	LF	\$5	\$1,571
Aggregate Sub-Base	3268	CY	\$35	\$114,376
12" Cleanouts	1	EA	\$1,000	\$1,257
Catch Basins	6	EA	\$1,500	\$9,427
Utility Boxes &/or Relocations	1	LS	\$4,000	\$5,028
3" Asphalt Overlay (90,000 sf) (150 lbs/cf) w 25% overage.	2651	TON	\$110	\$291,584
12" pipe	483	LF	\$50	\$24,132
Trench Drain	176	LF	\$100	\$17,596
CIP Curb	3519	LF	\$15	\$52,789
Curb & Gutter	381	LF	\$25	\$9,521
Concrete Sidewalk	4399	SF	\$7	\$30,794
Electric Conduit & Wiring	452	LF	\$25	\$11,312
Lighting w Foundation	3	EA	\$4,000	\$10,055
Landscaping & Plantings	1	LS	\$12,569	\$12,569
Striping	503	LF	\$1	\$503
Waterline Installation/Replacement	1	LS	\$6,284	\$6,284
TOTAL				\$768,067