

**Phase I Access & Material Handling Surfaces**

Engineer's Estimate: 2/23/19

Item	Qty	Unit	Unit Cost	TOTALS
Design & Project Engineering	1	LS	\$18,500	\$18,500
Permitting	1	LS	\$2,000	\$2,000
Mobilization	1	LS	\$90,000	\$90,000
Project Layout/Mtls. Testing	1	LS	\$10,500	\$10,500
Site Preparation/Demolition	1	LS	\$60,000	\$60,000
Excavation & Grading (R&R)	12000	cy	\$16	\$192,000
Geotextile Fabric	215000	sf	\$0	\$53,750
SW Management (sediment fencing & erosion control)	500	LF	\$5	\$2,500
Aggregate Sub-Base	5200	CY	\$35	\$182,000
12" Cleanouts	4	EA	\$1,000	\$4,000
Catch Basins	10	EA	\$1,500	\$15,000
Utility Boxes &/or Relocations	2	LS	\$4,000	\$8,000
3" Asphalt Overlay (215,000 sf) (150 lbs/cf) w 25% overage.	5040	TON	\$110	\$554,400
12" pipe	768	LF	\$50	\$38,400
Trench Drain	280	LF	\$100	\$28,000
CIP Curb	5600	LF	\$15	\$84,000
Curb & Gutter	606	LF	\$25	\$15,150
Concrete Sidewalk	7000	SF	\$7	\$49,000
Electric Conduit & Wiring	720	LF	\$25	\$18,000
Lighting w Foundation	4	EA	\$4,000	\$16,000
Landscaping & Plantings	1	LS	\$10,000	\$10,000
Striping	800	LF	\$1	\$800
Waterline Installation/Replacement	10	LS	\$5,000	\$50,000
<b>TOTAL</b>				<b>\$1,502,000</b>