

WASHINGTON ELEMENTARY SCHOOL DISTRICT		Engineers Estimate		4/14/2021	
Sahuaro Elementary Fire Lane					
Fire Lane					
Project Initiation / Removals					
	Quantity	Unit	Unit Cost	Total	
Construction Surveying	1	LS	\$ 10,000.00	\$ 10,000.00	
Construction Surveying As-Builts	1	LS	\$ 5,000.00	\$ 5,000.00	
Concrete Fire Lane Removal	12,850.00	SF	\$ 7.50	\$ 96,375.00	
Stormwater Pollution Prevention	1	AC	\$ 2,850.00	\$ 2,850.00	
Dust Control Permit	1	EA	\$ 1,850.00	\$ 1,850.00	
Construction Entrance	1	EA	\$ 2,500.00	\$ 2,500.00	
Dust Control Water and Truck (2000 gallons) (1 Month)	1	LS	\$ 3,750.00	\$ 3,750.00	
			Section Total	\$ 122,325.00	
Earthwork					
	Quantity	Unit	Unit Cost	Total	
Earthwork	1,535	CY	\$ 7.65	\$ 11,742.75	
Clear & Grub	1	AC	\$ 2,500.00	\$ 2,500.00	
Fine Grading	13,000	SF	\$ 0.85	\$ 11,050.00	
Haul Off	1,535	CY	\$ 26.22	\$ 40,247.70	
			Subtotal	\$ 65,540.45	
Concrete Fire Lane					
Fire Lane Concrete - 8-inch Concrete, MAG 'A' 3,000 PSI	13,185	SF	\$ 9.85	\$ 129,872.25	
4" Aggregate Base	1,466	SY	\$ 3.51	\$ 5,144.34	
Steel Reinforcement	13,185	DF	\$ 5.26	\$ 69,353.10	
			Subtotal	\$ 204,369.69	
Stormdrain					
Catch Basin Inlet, MAG Std. Dtl. 535 Type F	3	EA	\$ 5,500.00	\$ 16,500.00	
12" diameter HDPE Stormdrain / Trench, Compaction, and Backfill	500	LF	\$ 56.00	\$ 28,000.00	
Drywell	1	EA	\$ 18,000.00	\$ 18,000.00	
			Subtotal	\$ 62,500.00	
			Total	\$ 454,792.50	
			Contractor O&P (10%)	\$ 42,884.70	
			Contingency (8%)	\$ 35,737.25	
			Builders Risk/Liability Insurance	\$ 45,479.25	
			Performance & Payment Bonds	\$ 45,479.25	
			Sales Tax	\$ 38,657.36	
			SFB Fire Lane Total	\$ 663,030.31	
District Fire Line & Hydrant					
Project Initiation / Removals					
	Quantity	Unit	Unit Cost	Total	
Construction Surveying	1	LS	\$ 3,500.00	\$ 3,500.00	
Construction Surveying As-Builts	1	LS	\$ 1,500.00	\$ 1,500.00	
AC Pavement Removal	3,505.00	SF	\$ 4.46	\$ 15,633.00	
Curb and Guttter Removal	40.00	LF	\$ 2.30	\$ 92.00	
Sidewalk Removal	250.00	SF	\$ 3.30	\$ 825.00	
Stormwater Pollution Prevention	1	AC	\$ 2,850.00	\$ 2,850.00	
Dust Control Permit	1	EA	\$ 1,850.00	\$ 1,850.00	
Dust Control Water and Truck (2000 gallons) (1 Month)	1	LS	\$ 3,750.00	\$ 3,750.00	
			Section Total	\$ 30,000.00	
Fire Line / Hydrant					
6" Water Tap City of Phoenix	1	EA	\$ 15,000.00	\$ 15,000.00	
AC Pavement	300	SY	\$ 12.50	\$ 3,750.00	
6" DIP, CL350 Water Line with all necessary fittings and valves. Trench and backfill as per MAG Specs	825	LF	\$ 93.00	\$ 76,725.00	
Fire Hydrant with Valve, box and cover	1	EA	\$ 5,775.00	\$ 5,775.00	
			Subtotal	\$ 101,250.00	
			Total	\$ 131,250.00	

