



Patriot Centre at Beaver Creek Beaver Creek Drive Extension			Desc.: Beaver Creek Drive Extension North & Southbound Lanes and Crossover - 3/2/23		
Item	Description	Unit	Est. Qty.	Unit Price	Extended Price
ROADWAY					
Pavement (107+00 - 120+45) (200+00 - 227+50) (300+00 - 303+90)	LF	4,485	\$325.00	\$1,457,625	
2" Surface Course Asphalt SM 9.5A					
4" Base Course Asphalt BM-25.0					
12" Aggregate Base No. 21B					
Pavement (100+00 - 107+00)	LF	700	\$300.00	\$210,000	
2" Surface Course Asphalt SM 9.5A					
6" Aggregate Base No. 21B					
CG-7	LF	5,185	\$60.00	\$311,100	
GR-9 Guardrail Terminal	EA	5	\$8,500.00	\$42,500	
GR-11 Guardrail Terminal	EA	3	\$5,500.00	\$16,500	
GR-2 Guardrail	LF	2,515	\$60.00	\$150,900	
CD-1 Underdrain	LF	150	\$50.00	\$7,500	
4" PVC Outlet Pipe	LF	188	\$60.00	\$11,280	
4" EW-12	EA	7	\$2500.00	\$17,500	
EC-1 Class II Riprap Ditch Lining	TON	55	\$200.00	\$11,000	
	Subtotal				\$2,235,905
EROSION CONTROL - ROADWAY					
Seeding Area Steeper than 3:1	AC	4	\$5,500.00	\$22,000	
Seeding Area Flatter than 3:1	AC	2	\$3,500.00	\$7,000	
Silt Fence	LF	5,573	\$8.00	\$44,584	
Outlet Protection	EA	15	\$3,000.00	\$45,000	
Culvert Inlet Protection	EA	4	\$3,000.00	\$12,000	
Inlet Protection	EA	27	\$1500.00	\$40,500	
Construction Entrance	EA	1	\$12,000.00	\$12,000	
Diversion	LF	1,850	\$20.00	\$37,000	
	Erosion Control Subtotal				\$220,084
STORM DRAINAGE - ROADWAY					
15" RCP - Class III	LF	610	\$125.00	\$76,250	
15" EW-1	EA	7	\$2500.00	\$17,500	
18" RCP - Class III	LF	263	\$150.00	\$39,450	
18" EW-1	EA	3	\$2500.00	\$7,500	
24" RCP - Class V	LF	33	\$225.00	\$7,425	
36" RCP Class III	LF	145	\$250.00	\$36,250	
36" RCP Class V	LF	146	\$400.00	\$58,400	
36" EW-1	EA	4	\$2,500.00	\$10,000	
42" RCP	LF	67	\$500.00	\$33,500	
45" x 29" Elliptical Pipe Class III	LF	29	\$750.00	\$21,750	
EW-1APC for 45" x 29" Pipe	EA	1	\$15,000.00	\$15,000	
48" Inlet Base Structure	VF	81	\$450.00	\$36,450	
48" Doghouse Base	VF	11	\$750.00	\$8,250	
DI-2B Top	EA	12	\$4,500.00	\$54,000	
DI-2C Top	EA	1	\$4,500.00	\$4,500	
DI-7 Top with Type A Grate	EA	8	\$3,500.00	\$28,000	
DI-7 Top with Type B Grate	EA	2	\$3,500.00	\$7,000	
	Storm Drainage Subtotal				\$461,225
ENVIRONMENTAL - ROADWAY					
Stream Impacts	LF	312	\$600.00	\$187,200	
Wetlands	AC	0.07	\$85,000.00	\$5,950	
	Environmental Subtotal				\$193,150
Roadway - Estimated Construction Cost					\$3,110,364
Contingencies			20.0%	\$622,073	
Mobilization			5.0%	\$155,518	
Roadway - Estimated Total Construction Cost					\$3,887,955
Engineering, Construction Administration			12.0%	\$373,244	
Administration, Legal, Finance, etc.			1.0%	\$43,545	
	Total Project Cost				\$4,304,744