

Chamber Avenue Bike Lanes										
<i>Construction Cost Estimate for Grant Sourcing Purposes</i>										
8/13/2019										
Work Item	Quantity	Unit	Unit Cost	Total Cost	PG Stewardship Funding	State DHCD Community Legacy	Bikeways Grant	Prince Georges CDBG	TAP	DNR Funding Request
Mobilization	1	LS	\$ 60,000.00	\$ 60,000.00	\$ 13,250		\$ 9,112		\$ 5,000	\$ 32,638
Mill Pavement 1.5"	5,643	SY	\$ 4.00	\$ 22,572.00			\$ 22,572			
Remove Curb and Gutter	2,923	LF	\$ 4.00	\$ 11,692.00			\$ 11,692			
Remove Inlet or Man Hole	3	EA	\$ 924.00	\$ 2,772.00	\$ 2,772					
Remove Pavement	4,030	SY	\$ 4.00	\$ 16,120.00			\$ 16,120			
Remove Sidewalk	14,030	SF	\$ 2.00	\$ 28,060.00						\$ 28,060
Remove Existing Sign and Pole	24	EA	\$ 75.00	\$ 1,800.00			\$ 1,800			
Relocate Existing Sign and Pole	3	EA	\$ 225.00	\$ 675.00			\$ 675			
Sawcut Existing Pavement	175	LF	\$ 2.00	\$ 350.60			\$ 351			
Rough Grading	1	AC	\$ 1,350.00	\$ 1,417.50			\$ 1,418			
Cut and Fill	2,485	CY	\$ 10.00	\$ 24,850.00	\$ 8,828				\$ 14,350	\$ 1,672
Roadway and Sidewalk Work										
SHA #2 Gravel	10	CY	\$ 90.00	\$ 936.00			\$ 936			
#57 Gravel	499	CY	\$ 60.00	\$ 29,964.00	\$ 29,964					
1.5" HMA Surface Course	7,073	SY	\$ 6.00	\$ 42,438.00			\$ 42,438			
4" HMA BASE 25mm PG 70-22	1,430	SY	\$ 26.00	\$ 37,180.00			\$ 37,180			
Concrete Curb and Gutter	5,913	LF	\$ 17.00	\$ 100,521.00				\$ 100,521		
Concrete Sidewalk Ramp Type "A"	2	EA	\$ 1,500.00	\$ 3,000.00				\$ 3,000		
Concrete Sidewalk Ramp Type "B"	22	EA	\$ 2,000.00	\$ 44,000.00				\$ 44,000		
Porous Concrete 3" deep	15,100	SF	\$ 6.00	\$ 90,600.00	\$ 90,600					
Concrete- General Use	30	CY	\$ 175.00	\$ 5,250.00	\$ 5,250					
Drainage										
3" Underdrain	2,375	LF	\$ 13.00	\$ 30,875.00	\$ 30,875					
5' Prince George's County Type E Inlet	2	EA	\$ 4,000.00	\$ 8,000.00					\$ 8,000	
Modify Existing Inlet	8	EA	\$ 1,800.00	\$ 14,400.00	\$ 11,143					\$ 3,257
15" RCP	51	LF	\$ 125.00	\$ 6,375.00					\$ 6,375	
Signing and Marking										
4" Solid White Thermoplastic Line	424	LF	\$ 2.00	\$ 848.00			\$ 848			
4" Double Solid Yellow Centerline	233	LF	\$ 4.00	\$ 932.00			\$ 932			
6" Solid White Thermoplastic Line	2,970	LF	\$ 2.00	\$ 5,940.00			\$ 5,940			
12" Solid White Thermoplastic Line	247	LF	\$ 10.00	\$ 2,470.00			\$ 2,470			
24" Solid White Thermoplastic Line	636	LF	\$ 20.00	\$ 12,720.00			\$ 12,720			
24" Solid Green Thermoplastic Line	310	LF	\$ 25.00	\$ 7,750.00			\$ 7,750			
Green Thermoplastic Marking	495	SF	\$ 10.00	\$ 4,950.00			\$ 4,950			
Sign Panel	210	SF	\$ 30.00	\$ 6,300.00			\$ 6,300			
Sign Post (Wood 4"x4")	210	LF	\$ 10.00	\$ 2,100.00			\$ 2,100			
Thermoplastic Arrow	18	EA	\$ 300.00	\$ 5,400.00			\$ 5,400			
Thermoplastic Bike Symbol	18	EA	\$ 250.00	\$ 4,500.00			\$ 4,500			
White Preformed Thermoplastic Pavement Markings (Text)	51	SF	\$ 17.00	\$ 873.80			\$ 874			
HARDSCAPE										
CRUSHED STONE PATH										
COMPACTED DECOMPOSED GRANITE 4"	16	TON	\$ 85.00	\$ 1,360.00		\$ 1,360				
Filter Cloth - Class A GEOTEXTILE FABRIC	142	SY	\$ 14.00	\$ 1,988.00		\$ 1,988				
3/16" x4" STEEL HEADER WITH INTERLOCKING STAKE	435	LF	\$ 3.00	\$ 1,305.00		\$ 1,305				
SEATING AREA CONCRETE PAVING										
Concrete - Reinforced, in place 4"	3	CY	\$ 650.00	\$ 1,950.00				\$ 1,950		
Concrete - Reinforced, in place 6"	5	CY	\$ 650.00	\$ 3,250.00				\$ 3,250		
6 Inch Graded Aggregate Subbase (GASB) Course	434	SY	\$ 8.00	\$ 3,472.00				\$ 3,472		
EXPANSION JOINT FILL MATERIAL	150	LB	\$ 3.00	\$ 450.00				\$ 450		
STONE FILTER STRIP										
Concrete PAVERS 2x2	40	SF	\$ 23.00	\$ 920.00	\$ 920					
Concrete PAVERS 2x6"	10	SF	\$ 23.00	\$ 230.00	\$ 230					
Granite Blocks	144	SF	\$ 25.00	\$ 3,600.00	\$ 3,600					
2 Inch Graded Aggregate Subbase (GASB) Course	16	SY	\$ 3.00	\$ 48.00	\$ 48					
Bed Mulching - 2 Inch	840	SY	\$ 3.00	\$ 2,520.00	\$ 2,520					
BIORETENTION Bed										
Bioretention Soil Mix 2'	307	CY	\$ 90.00	\$ 27,630.00						\$ 27,630
Coarse Sand 4"	51	CY	\$ 115.00	\$ 5,865.00						\$ 5,865
No. 7 Aggregate 4"	51	CY	\$ 85.00	\$ 4,335.00						\$ 4,335
No.57 Aggreagate 12"	162	CY	\$ 60.00	\$ 9,720.00						\$ 9,720
No.2 Aggregate 3"	38	CY	\$ 90.00	\$ 3,420.00						\$ 3,420
Top Soiling - 2 Inch	1516	SY	\$ 15.00	\$ 22,740.00						\$ 22,740
SCARBOROUGH BACKED HORIZ. STRAP BENCH 72"	3	EACH	\$ 1,850.00	\$ 5,550.00				\$ 5,550		
SCARBOROUGH TRASH RECEPTACLE	1	EACH	\$ 1,370.00	\$ 1,370.00				\$ 1,370		
KALEIDOSCOPE OS SHELTER 2 POSTS, ONE BAY	1	EACH	\$ 13,460.00	\$ 13,460.00				\$ 13,460		
Concrete - Reinforced, in place. Footer	0.3	CY	\$ 650.00	\$ 195.00						\$ 195
RETAINING WALL										
Hot Dipped Galvanized Rebar (60d Spikes)	121	LF	\$ 25.00	\$ 3,025.00					\$ 3,025	
4" Inch High Density Polyethylene (HDPE) Underdrain Slotted/Solid	250	LF	\$ 11.00	\$ 2,750.00					\$ 2,750	
6X6 Pressure Treated Timber	1295	LF	\$ 3.00	\$ 3,885.00					\$ 3,885	
No.57 Aggreagate	67	CY	\$ 60.00	\$ 4,020.00					\$ 4,020	
Landscaping										
Summersweet 3 Gal. Cont	21	EACH	\$ 65.00	\$ 1,365.00						\$ 1,365
Inkberry Holly 3 Gal. Cont	52	EACH	\$ 65.00	\$ 3,380.00						\$ 3,380

