



Engineer's Public Improvement Cost Estimate

Douglas 234, Filing No. 6

5/6/2020

Description		Quantity	Unit	Unit Cost	Total Cost
<u>Earthwork</u>					
Roadway Embankment		0	CY	N/A	\$0.00
Earthwork Subtotal =					\$0.00
<u>Roadway</u>					
6" Vertical Curb & Gutter (2' Pan)		0	LF	N/A	\$0.00
6" Vertical Curb & Gutter (1' Pan - Median)		0	LF	N/A	\$0.00
4" Mountable Curb & Gutter		0	LF	N/A	\$0.00
Hot Mix Asphalt Pavement (XX" Depth)		0	SY	N/A	\$0.00
Concrete Pavement (XX" Depth)		0	SY	N/A	\$0.00
Aggregate Base Course		0	CY	N/A	\$0.00
Subgrade Stabilization		0	SY	N/A	\$0.00
Roadway Subgrade Prep (Extend 2' Outside Curb)		0	SY	N/A	\$0.00
5' Detached Concrete Sidewalk		0	LF	N/A	\$0.00
Sidewalk Subgrade Prep (Min 1' Outside Limits)		0	SY	N/A	\$0.00
Corner Curb Ramp (Includes Subgrade Prep)		2	EA	\$2,000.00	\$4,000.00
Midblock Curb Ramp (Includes Subgrade Prep)		0	EA	N/A	\$0.00
Cross Pan (Includes Subgrade Prep)		0	SY	N/A	\$0.00
Trench Drain		0	LF	N/A	\$0.00
Median Cover		0	SY	N/A	\$0.00
Adjust Manhole		0	EA	N/A	\$0.00
Adjust Water Valve		0	EA	N/A	\$0.00
Roadway Subtotal =					\$0.00
<u>Concrete Trails</u>					
10' Regional Trail		0	LF	N/A	\$0.00
Sidewalk Subgrade Prep (Min 1' Outside Limits)		0	SY	N/A	\$0.00
Trail Subtotal =					\$0.00
<u>Striping</u>					
Long Line Epoxy Pvm. Marking		0	LF	N/A	\$0.00
Crosswalk Bar (2'x10')		0	SF	N/A	\$0.00
Stop Bar (2' Wide)		0	SF	N/A	\$0.00
Arrow		0	EA	N/A	\$0.00
Striping Subtotal =					\$0.00
<u>Signage (Including Post and Anchor)</u>					
Street Name Sign		0	EA	N/A	\$0.00
Ground Sign		0	EA	N/A	\$0.00
Type III Barricade		0	EA	N/A	\$0.00
Special Sign		0	EA	N/A	\$0.00
Signage Subtotal =					\$0.00
<u>Drainage & Stormwater Improvements</u>					
36" RCP		370	LF	\$140.00	\$51,800.00
30" RCP		294	LF	\$108.77	\$31,978.38
24" RCP		567	LF	\$90.00	\$51,030.00
18" RCP		614	LF	\$65.00	\$39,910.00

4' Manhole (Depth specific on 10' increment)	2	EA	\$3,800.00	\$7,600.00
5' Type R Inlet (Depth specific on 10' increment)	2	EA	\$5,800.00	\$11,600.00
10' Type R Inlet (Depth specific on 10' increment)	1	EA	\$9,800.00	\$9,800.00
Type C Inlet	9	EA	\$4,000.00	\$36,000.00
Type D Inlet	3	EA	\$6,500.00	\$19,500.00

Drainage & Stormwater Subtotal = \$259,218.38

Public Improvements Subtotal = \$259,218.38

Construction Contingency (10%) = \$25,921.84

Mobilization (5%) = \$12,960.92

Surveying (3%) = \$7,776.55

Construction Management & Testing (12%) = \$31,106.21

Public Improvements Total = \$336,983.89

Security At 110% = \$370,682.28

Notes:

1. All Costs Must Include Labor and Materials
2. Erosion and Sediment Control (CBMP) Cost Estimate shall be submitted with the Grading Permit