G Cost Summary

Blake Avenue Sidewalk Improvements (Ranking 12)

Length of Improvement: 1,740'
Width of Sidewalk: 5'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.2	$1,000
Removals	SY	$25	967	$24,200
6" Concrete	SY	$61	967	$59,000
Ped Curb Ramps	EA	$5,000	2	$10,000
Total				**$94,200**

Total Opinion of Probable Cost*

Construction Items	$94,200
Contingency – 30%	$28,300
Construction Costs – 8% (1)	$7,500
Construction Engineering – 4% (2)	$4,900
Design -10% (3)	$12,700
Total	**$147,600**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

School Street Sidewalk (Ranking 24)

Length of Improvement: 1,060'
Width of Sidewalk: 6'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.15	$800
Removals	SY	$25	707	$17,700
6" Concrete	SY	$61	707	$43,100
Ped Curb Ramps	EA	$5,000	4	$20,000
Total				**$81,600**

Total Opinion of Probable Cost*

Construction Items	$81,600
Contingency – 30%	$24,500
Construction Costs – 8% (1)	$6,500
Construction Engineering – 4% (2)	$4,200
Design -10% (3)	$11,000
Total	**$127,800**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

****Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.***

Coach Miller Drive Sidewalk (Ranking 41)

Length of Improvement: 1,320'
Retaining Wall: 3' high and 400' long
Width of Sidewalk: 6'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.18	$900
Removals	SY	$25	880	$22,000
6" Concrete	SY	$61	880	$53,700
Retaining Wall	SF	$200	1,200	$240,000
Ped Curb Ramps	EA	$5,000	2	$10,000
Total				**$326,600**

Total Opinion of Probable Cost*

Construction Items	$326,600
Contingency – 30%	$98,000
Construction Costs – 8% (1)	$26,100
Construction Engineering – 4% (2)	$17,000
Design -10% (3)	$44,200
Total	**$511,900**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

27th Street Side Path Connection (Ranking 26)

Length of Improvement: 530'
Retaining Wall: Average 6.5' high and 530' long
Width of Path: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.12	$900
Removals	SY	$25	590	$14,800
Unclassified Excavation	CY	$10	10,600	$106,000
Sub-Grade Preparation	SY	$5	590	$3,000
4" Concrete	SY	$61	590	$36,000
Seeding/Mulching	AC	$3,500	0.10	$400
Retaining Wall	SF	$200	3,445	$689,000
Ped Curb Ramps	EA	$5,000	2	$10,000
Total				**$860,100**

Total Opinion of Probable Cost*

Construction Items	$860,100
Contingency – 30%	$258,000
Construction Costs – 8% (1)	$68,800
Construction Engineering – 4% (2)	$44,700
Design -10% (3)	$16,300
Total	**$1,247,900**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.

Donegan Road Ped/Bike Improvements (Ranking 18)

Length of Improvement: 3,700'
Length of Bike Lane (both Directions): 7,400'
Width of Sidewalk: 6'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.51	$2,600
Removals	SY	$25	2,467	$61,700
6" Concrete	SY	$61	2,467	$150,500
Striping	LF	$0.15	7,400	$1,100
Signing	EA	$700	30	$21,000
Pavement Markings	EA	$50	30	$1,500
Ped Curb Ramps	EA	$5,000	14	$70,000
Total				**$308,400**

Total Opinion of Probable Cost*

Construction Items	$308,400
Contingency – 30%	$92,500
Construction Costs – 8% (1)	$24,700
Construction Engineering – 4% (2)	$16,000
Design -10% (3)	$41,700
Total	**$483,300**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

South Blake Avenue Sidewalk Improvements & Bicycle Facilities (Ranking 15)

Length of Improvement: 3,000'
Length of Bike Lane (both Directions): 8,340'
Width of Sidewalk: 5'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.51	$2,600
Removals	SY	$25	2,470	$61,800
6" Concrete	SY	$61	2,470	$150,700
Pavement Markings	EA	$250	18	$4,500
Ped Curb Ramps	EA	$5,000	14	$70,000
Total				**$289,600**

Total Opinion of Probable Cost*

Construction Items	$289,600
Contingency – 30%	$86,900
Construction Costs – 8% (1)	$23,200
Construction Engineering – 4% (2)	$15,100
Design -10% (3)	$39,200
Total	**$454,000**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.

US-6 Corridor East Shared Use Path from Laurel Ave. to Mel Ray Rd. (Ranking 7)

Length of Improvement: 10,560'
Width of Path: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	2.4	$12,000
Removals	SY	$25	11,730	$293,300
Unclassified Excavation	CY	$10	7,820	$78,200
Sub-Grade Preparation	SY	$5	11,730	$58,700
4" Concrete	SY	$61	11,730	$715,500
Seeding/Mulching	AC	$3,500	1.9	$6,700
Ped Curb Ramps	EA	$5,000	26	$70,000
Total				**$1,234,400**

Total Opinion of Probable Cost*

Construction Items	$1,234,400
Contingency – 30%	$370,300
Construction Costs – 8% (1)	$98,800
Construction Engineering – 4% (2)	$64,200
Design -10% (3)	$166,900
Total	**$1,934,600**

(1) *Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)*
(2) *Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)*
(3) *Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)*

Atkinson Trail to Park East Trail Connection (Ranking 28)

Length of Improvement: 530'
Width of Path: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.12	$600
Removals	SY	$25	590	$14,800
Unclassified Excavation	CY	$10	390	$3,900
Sub-Grade Preparation	SY	$5	590	$3,000
4" Concrete	SY	$61	590	$36,000
Seeding/Mulching	AC	$3,500	0.10	$400
Ped Curb Ramps	EA	$5,000	2	$10,000
Total				**$68,700**

Total Opinion of Probable Cost*

Construction Items	$68,700
Contingency – 30%	$20,600
Construction Costs – 8% (1)	$5,500
Construction Engineering – 4% (2)	$3,600
Design -10% (3)	$9,300
Total	**$107,700**

(1) *Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)*
(2) *Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)*
(3) *Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)*

Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.

Rio Grande Trail and 14th Street Connection (Ranking 37)

Length of Improvement: 200'
Width of Path: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.05	$300
Removals	SY	$25	220	$5,500
Unclassified Excavation	CY	$10	150	$1,500
Sub-Grade Preparation	SY	$5	220	$1,100
4" Concrete	SY	$61	220	$13,400
Seeding/Mulching	AC	$3,500	0.05	$200
Total				**$22,000**

Total Opinion of Probable Cost*

Construction Items	$22,000
Contingency – 30%	$6,600
Construction Costs – 8% (1)	$1,800
Construction Engineering – 4% (2)	$1,100
Design -10% (3)	$3,000
Total	**$34,500**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

Atkinson Trail – Rio Grande Trail Bridge (Ranking 40)

Length of Improvement: 1,850'
Length of Bridge: 200'
Width of Path: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.38	$1,900
Removals	SY	$25	1,830	$45,800
Unclassified Excavation	CY	$10	1,220	$12,200
Sub-Grade Preparation	SY	$5	1,830	$9,200
4" Concrete	SY	$61	2,060	$125,700
Seeding/Mulching	AC	$3,500	0.30	$1,100
Structure	SF	$500	2,000	$1,000,000
Total				**$1,195,900**

Total Opinion of Probable Cost*

Construction Items	$1,195,900
Contingency – 30%	$358,800
Construction Costs – 8% (1)	$95,700
Construction Engineering – 4% (2)	$62,200
Design -10% (3)	$161,700
Total	**$1,874,300**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.

Colorado River Shared Use Path – River Trail Segment (Ranking 35)

Length of Improvement: 2,100'
Length of Bridge: 320'
Width of Path: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.41	$2,100
Removals	SY	$25	1,980	$49,500
Unclassified Excavation	CY	$10	1,320	$13,200
Sub-Grade Preparation	SY	$5	1,980	$9,900
4" Concrete	SY	$61	2,330	$142,100
Seeding/Mulching	AC	$3,500	0.33	$1,200
Structure	SF	$500	3,200	$1,600,000
Total				**$1,818,000**

Total Opinion of Probable Cost*

Construction Items	$1,818,000
Contingency – 30%	$545,400
Construction Costs – 8% (1)	$145,400
Construction Engineering – 4% (2)	$94,500
Design -10% (3)	$245,800
Total	**$2,849,100**

(1) *Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)*
(2) *Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)*
(3) *Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)*

Grade Separated Pedestrian Crossing of SH-82 and 27th St. (Ranking 25)

Length of Bridge over SH-82: 170'
Length of Bridge over 27th St.: 110'
Width of Bridges: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Structure over SH-82	SF	$500	1,700	$850,000
Structure over 27th St.	SF	$500	1,100	$550,000
Ramps	EA	$1,040,000	3	$3,120,000
Landscaping	SF	$100	1,000	$100,000
Total				**$4,620,000**

Total Opinion of Probable Cost*

Construction Items	$4,620,000
Contingency – 30%	$1,386,000
Construction Costs – 8% (1)	$369,600
Construction Engineering – 4% (2)	$240,200
Design -10% (3)	$624,600
Total	**$7,240,400**

(1) *Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)*
(2) *Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)*
(3) *Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)*

Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.

Grade Separated Pedestrian Crossing of Grand Avenue at 15th St. (Ranking 30)

Length of Bridge: 150'
Width of Bridge: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Structure	SF	$500	1,500	$750,000
Stairs	EA	$830,000	2	$1,660,000
Elevators	EA	$250,000	2	$500,000
Landscaping	SF	$100	500	$50,000
Total				**$2,960,000**

Total Opinion of Probable Cost*

Construction Items	$2,960,000
Contingency – 30%	$888,000
Construction Costs – 8% (1)	$236,800
Construction Engineering – 4% (2)	$153,900
Design -10% (3)	$400,200
Total	**$4,638,900**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

Grade Separated Pedestrian Crossing of Grand Avenue at 23rd St. (Ranking 36)

Length of Bridge: 160'
Width of Bridge: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Structure	SF	$500	1,600	$800,000
Ramps	EA	$1,040,000	2	$2,080,000
Landscaping	SF	$100	500	$50,000
Total				**$2,930,000**

Total Opinion of Probable Cost*

Construction Items	$2,930,000
Contingency – 30%	$879,000
Construction Costs – 8% (1)	$234,400
Construction Engineering – 4% (2)	$152,400
Design -10% (3)	$396,100
Total	**$4,591,900**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.

12th Street Ditch Tunnel (Ranking 32)

Length of Tunnel: 80'
Width of Path: 10'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Box Culvert	EA	$1,100,000	1	$1,100,000
Unclassified Excavation	CY	$10	90	$900
Sub-Grade Preparation	SY	$5	130	$650
4" Concrete	SY	$61	130	$7,930
Total				**$1,109,500**

Total Opinion of Probable Cost*

Construction Items	$1,109,500
Contingency – 30%	$332,900
Construction Costs – 8% (1)	$88,800
Construction Engineering – 4% (2)	$57,700
Design -10% (3)	$150,000
Total	**$1,738,900**

(1) *Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)*
(2) *Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)*
(3) *Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)*

Roaring Fork Bridge Mt. Sopris Dr. to CR 154 (Ranking 38)

Length of Improvement: 420'
Length of Bridge: 330'
Width of Bridge: 46'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.10	$500
Unclassified Excavation	CY	$10	150	$1,500
Sub-Grade Preparation	SY	$5	460	$2,300
Structure	SF	$340	15,180	$5,161,200
Curb and Gutter	LF	$28	840	$23,500
8" Full Depth Asphalt	SY	$54	1,030	$55,600
Sidewalk	SY	$61	930	$56,700
Guardrail	LF	$25	660	$16,500
Signing	EA	$700	4	$2,800
Striping	LF	$0.15	420	$100
Seeding/Mulch	AC	$3,500	0.02	$100
Total				**$5,320,800**

Total Opinion of Probable Cost*

Construction Items	$5,320,800
Contingency – 30%	$1,596,200
Construction Costs – 8% (1)	$425,700
Construction Engineering – 4% (2)	$276,700
Design -10% (3)	$719,400
Total	**$8,338,800**

(1) *Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)*
(2) *Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)*
(3) *Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)*

Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.

14th Street Bridge over the Roaring Fork River (Ranking 10)
Length of Improvement: 780'
Length of Bridge: 290'
Width of Bridge: 46'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	0.52	$2,600
Unclassified Excavation	CY	$10	830	$8,300
Sub-Grade Preparation	SY	$5	2,500	$12,500
Structure	SF	$340	13,340	$4,535,600
Curb and Gutter	LF	$28	1,560	$43,700
8" Full Depth Asphalt	SY	$54	1,910	$103,100
Sidewalk	SY	$61	1,730	$105,500
Guardrail	LF	$25	580	$14,500
Signing	EA	$700	4	$2,800
Striping	LF	$0.15	780	$200
Seeding/Mulch	AC	$3,500	0.90	$300
Total				**$4,829,100**

Total Opinion of Probable Cost*

Construction Items	$4,829,100
Contingency – 30%	$1,448,700
Construction Costs – 8% (1)	$386,300
Construction Engineering – 4% (2)	$251,100
Design -10% (3)	$652,900
Total	**$7,568,100**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

Devereux – Midland Bridge (Ranking 20)
Length of Improvement: 1,200'
Length of Bridge: 800'
Width of Bridge: 46'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Structure	SF	$340	36,800	$12,512,000
Retaining Wall	SF	$200	8,000	$1,600,000
Curb and Gutter	LF	$28	2,400	$67,200
8" Full Depth Asphalt	SY	$54	6,130	$331,000
Sidewalk	SY	$61	2,670	$162,900
Guardrail	LF	$25	2,400	$60,000
Signing	EA	$700	4	$2,800
Striping	LF	$0.15	1,200	$400
Total				**$14,736,300**

Total Opinion of Probable Cost*

Construction Items	$14,736,300
Contingency – 30%	$4,420,900
Construction Costs – 8% (1)	$1,178,900
Construction Engineering – 4% (2)	$766,300
Design -10% (3)	$1,992,400
Total	**$23,094,800**

(1) Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)
(2) Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)
(3) Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)

Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.

Four Mile Road On-Street Bike Facilities (Ranking 34)

Length of Improvement: 12 Miles
Width of Improvements: 12' (Two 6' Shoulders)

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Clear and Grub	AC	$5,000	17.45	$87,300
Removals	SY	$25	84,480	$2,112,000
Unclassified Excavation	CY	$10	28,160	$281,600
Sub-Grade Preparation	SY	$5	84,480	$422,400
8" Full Depth Asphalt	SY	$54	84,480	$4,561,900
Seeding/Mulching	AC	$3,500	11.65	$40,800
Striping	LF	$0.15	126,720	$19,000
Signs	EA	$700	12	$8,400
Culvert Extensions	EA	$4,000	6	$24,000
Total				**$7,557,400**

Total Opinion of Probable Cost*

Construction Items	$7,557,400
Contingency – 30%	$2,267,200
Construction Costs – 8% (1)	$604,600
Construction Engineering – 4% (2)	$393,000
Design -10% (3)	$1,021,800
Total	**$11,844,000**

(1) *Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)*
(2) *Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)*
(3) *Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)*

Enhance Connection Two Rivers Park – Glenwood Canyon Trail (Ranking 23)

Length of Improvement: 120'
Width of Path: 8'

Construction Opinion of Probable Cost

Construction items	Unit	Unit Price	Quantity	Hard Cost
Removals	SY	$25	113	$2,800
Unclassified Excavation	CY	$10	36	$400
Sub-Grade Preparation	SY	$5	110	$600
4" Concrete	SY	$61	110	$6,700
Retaining Wall	SF	$200	720	$144,000
Ped Curb Ramps	EA	$5,000	2	$10,000
Signs	EA	$700	20	$14,000
Pavement Markings	EA	$250	20	$5,000
Total				**$183,500**

Total Opinion of Probable Cost*

Construction Items	$183,500
Contingency – 30%	$55,100
Construction Costs – 8% (1)	$14,700
Construction Engineering – 4% (2)	$9,500
Design -10% (3)	$24,800
Total	**$287,600**

(1) *Includes General Conditions (4%), Mobilization (3%), and Construction Surveying/Staking/Inspection (1%)*
(2) *Includes Construction Traffic Control (2%), Materials Testing (1%), and Erosion Control (1%)*
(3) *Includes Design (8%), Surveying (1%), and Geotechnical Engineering (1%)*

Total Opinion of Probable Cost does not include cost estimates for either right-of-way or easements.