

Sidewalk RePackaging, AD Cost Estimate

K.E.C.I. Colorado Inc.

Contractors Bonding & Ins. Co

12/15/2014

ITEM NO.	DESCRIPTION	UNIT	BASE QTY TOTALS	UNIT PRICE	BASE BID	Unit Bid	Total Bid
202.00010	Removal of Tree	EACH	17	\$ 725.00	\$ 12,325.00	725.00	12,325.00
202.00019	Removal of Inlet	EACH	7	\$ 1,000.00	\$ 7,000.00	700.00	4,900.00
202.00032	Removal of Valve	EACH	4	\$ 1,000.00	\$ 4,000.00	610.00	2,440.00
202.00035	Removal of Pipe	LF	149	\$ 20.00	\$ 2,980.00	17.00	2,533.00
202.00031	Removal of Hydrant	EACH	2	\$ 1,750.00	\$ 3,500.00	750.00	1,500.00
202.00080	Removal of Guard Post	EACH	5	\$ 90.00	\$ 450.00	200.00	1,000.00
202.00200	Removal of Sidewalk	SY	349	\$ 20.00	\$ 6,980.00	23.00	8,027.00
202.00202	Removal of Gutter	LF	127	\$ 10.00	\$ 1,270.00	9.00	1,143.00
202.00201	Removal of Curb	LF	417	\$ 5.00	\$ 2,085.00	5.00	2,085.00
202.00203	Removal of Curb and Gutter	LF	2104	\$ 7.00	\$ 14,728.00	8.00	16,832.00
202.00210	Removal of Concrete Pavement	SY	591	\$ 29.00	\$ 17,139.00	29.00	17,139.00
202.00220	Removal of Asphalt Mat	SY	3135	\$ 12.00	\$ 37,620.00	19.00	59,565.00
202.00240	Removal of Asphalt Mat (Planing)	SY	359	\$ 5.00	\$ 1,795.00	17.00	6,103.00
202.00250	Removal of Pavement Marking	LF	3305	\$ 2.00	\$ 6,610.00	2.00	6,610.00
202.00000	Removal of Pavement Marking (Symbols)	SF	47	\$ 5.00	\$ 235.00	6.00	282.00
202.00500	Removal of Portions of Present Structure	EACH	3	\$ 2,000.00	\$ 6,000.00	2,700.00	8,100.00
202.00710	Removal of Power Pole	EACH	4	\$ 750.00	\$ 3,000.00	700.00	2,800.00
202.00000	Removal of Wiring	LF	600	\$ 0.60	\$ 360.00	1.20	720.00
202.00610	Removal of Railroad Track	LF	25	\$ 65.00	\$ 1,625.00	60.00	1,500.00
202.00000	Removal of Trolley Track	LF	300	\$ 30.00	\$ 9,000.00	60.00	18,000.00
202.01000	Removal of Fence	LF	321	\$ 8.00	\$ 2,568.00	8.00	2,568.00
202.00810	Removal of Ground Sign	EACH	5	\$ 100.00	\$ 500.00	85.00	425.00
202.00821	Removal of Sign Panel	EACH	5	\$ 70.00	\$ 350.00	45.00	225.00
202.04001	Plug Pipe	EACH	3	\$ 1,500.00	\$ 4,500.00	625.00	1,875.00
202.04005	Clean Valve Box	EACH	3	\$ 250.00	\$ 750.00	190.00	570.00
203.01597	Potholing	HOUR	60	\$ 200.00	\$ 12,000.00	205.00	12,300.00

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ITEM NO.	DESCRIPTION	UNIT	BASE QTY TOTALS	UNIT PRICE	BASE BID	Unit Bid	Total Bid
203.00010	Unclassified Excavation (Complete In Place)	CY	1148	\$ 30.00	\$ 34,440.00	33.00	37,884.00
203.00100	Muck Excavation	CY	220	\$ 50.00	\$ 11,000.00	120.00	26,400.00
203.01500	Combination Loader	HOURL	30	\$ 125.00	\$ 3,750.00	150.00	4,500.00
203.01510	Backhoe	HOURL	30	\$ 125.00	\$ 3,750.00	130.00	3,900.00
207.00205	Topsoil	CY	49	\$ 50.00	\$ 2,450.00	43.00	2,107.00
207.00210	Stockpile Topsoil	CY	100	\$ 35.00	\$ 3,500.00	51.00	5,100.00
208.00002	Erosion Log (12 Inch)	LF	200	\$ 10.00	\$ 2,000.00	5.00	1,000.00
208.00020	Silt Fence	LF	100	\$ 2.00	\$ 200.00	2.00	200.00
208.00034	Gravel Bag	LF	100	\$ 10.00	\$ 1,000.00	5.00	500.00
208.00045	Concrete Washout Structure	EACH	3	\$ 600.00	\$ 1,800.00	600.00	1,800.00
208.00051	Storm Drain Inlet Protection (Type 1)	LF	486	\$ 6.00	\$ 2,916.00	17.00	8,262.00
208.00070	Vehicle Tracking Pad	EACH	4	\$ 1,250.00	\$ 5,000.00	1,500.00	6,000.00
208.00103	Removal and Disposal of Sediment (Labor)	HOURL	70	\$ 50.00	\$ 3,500.00	50.00	3,500.00
208.00105	Removal and Disposal of Sediment (Equipment)	HOURL	90	\$ 100.00	\$ 9,000.00	100.00	9,000.00
208.00106	Sweeping (Sediment Removal)	HOURL	20	\$ 115.00	\$ 2,300.00	100.00	2,000.00
208.00205	Erosion Control Supervisor	WEEK	25	\$ 5,000.00	\$ 125,000.00	375.00	9,375.00
210.00050	Reset Hydrant	EACH	2	\$ 3,275.00	\$ 6,550.00	5,700.00	11,400.00
210.00810	Reset Ground Sign	EACH	8	\$ 110.00	\$ 880.00	120.00	960.00
210.00815	Reset Sign Panel	EACH	24	\$ 125.00	\$ 3,000.00	30.00	720.00
210.01000	Reset Fence	LF	245	\$ 30.00	\$ 7,350.00	25.00	6,125.00
210.01011	Reset Gate	EACH	2	\$ 500.00	\$ 1,000.00	500.00	1,000.00
210.04015	Modify Storm Manhole	EACH	2	\$ 3,000.00	\$ 6,000.00	2,500.00	5,000.00
210.04050	Adjust Valve Box/Manhole	EACH	5	\$ 1,000.00	\$ 5,000.00	500.00	2,500.00
212.00006	Seeding (Native)	ACRE	0.09	\$ 7,000.00	\$ 630.00	7,000.00	630.00
213.00002	Mulching (Weed Free Hay)	ACRE	0.09	\$ 5,350.00	\$ 481.50	4,000.00	360.00
213.00061	Mulch Tackifier	LB	3	\$ 75.00	\$ 225.00	65.00	195.00

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ITEM NO.	DESCRIPTION	UNIT	BASE QTY TOTALS	UNIT PRICE	BASE BID	Unit Bid	Total Bid
213.00000	Crusher Fines	SY	1312	\$ 25.00	\$ 32,800.00	20.00	26,240.00
213.00000	Restore Existing	SY	314	\$ 12.00	\$ 3,768.00	10.00	3,140.00
250.00010	Environmental Health and Safety Management	L S	1	\$ 20,000.00	\$ 20,000.00	20,000.00	20,000.00
304.06004	Aggregate Base Course (Class 6)	SY	208	\$ 20.00	\$ 4,160.00	18.00	3,744.00
403.33741	Hot Mix Asphalt (Grading S) (75) (PG 64-22)	TON	583	\$ 110.00	\$ 64,130.00	173.00	100,859.00
403.34641	Hot Mix Asphalt (Grading SX) (75) (PG 64-22)	TON	259	\$ 110.00	\$ 28,490.00	121.00	31,339.00
412.00800	Concrete Pavement (8 Inch)	SY	1290	\$ 75.00	\$ 96,750.00	97.00	125,130.00
412.00805	Concrete Pavement (8 Inch) (Fast Track)	SY	100	\$ 125.00	\$ 12,500.00	137.00	13,700.00
603.00000	Concrete Colar	EACH	1	\$ 3,000.00	\$ 3,000.00	8,300.00	8,300.00
603.01155	15 Inch Reinforced Concrete Pipe (Complete In Place)	LF	322	\$ 90.00	\$ 28,980.00	93.00	29,946.00
603.01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	LF	61	\$ 95.00	\$ 5,795.00	94.00	5,734.00
604.00000	Single No. 14 Inlet Open Throat	EACH	8	\$ 7,500.00	\$ 60,000.00	6,800.00	54,400.00
604.00000	Double No. 14 Inlet Open Throat	EACH	3	\$ 8,000.00	\$ 24,000.00	8,800.00	26,400.00
604.00000	Triple No. 14 Inlet Open Throat	EACH	1	\$ 12,000.00	\$ 12,000.00	14,000.00	14,000.00
604.16050	Single No. 16 Inlet Valley	EACH	1	\$ 5,000.00	\$ 5,000.00	5,300.00	5,300.00
604.16650	Double No. 16 Inlet Valley	EACH	1	\$ 6,000.00	\$ 6,000.00	5,300.00	5,300.00
604.30005	Manhole Slab Base (4 Foot)	EACH	3	\$ 4,000.00	\$ 12,000.00	4,100.00	12,300.00
604.00000	5 ft. ID Manhole With Concentric Cone	EACH	1	\$ 5,000.00	\$ 5,000.00	5,500.00	5,500.00
608.00006	Concrete Sidewalk (6 Inch)	SY	2016	\$ 60.00	\$ 120,960.00	60.00	120,960.00
608.00010	Concrete Curb Ramp	SY	276	\$ 150.00	\$ 41,400.00	200.00	55,200.00
609.00000	6" Curb and Gutter - 2' Pan	LF	1714	\$ 20.00	\$ 34,280.00	23.00	39,422.00
609.00000	Sidewalk Chase (2.5' Width)	LF	82	\$ 175.00	\$ 14,350.00	265.00	21,730.00
609.00000	Sidewalk Chase (3.5' Width)	LF	9	\$ 200.00	\$ 1,800.00	285.00	2,565.00
613.00306	3 Inch Electrical Conduit (Bored)	LF	380	\$ 30.00	\$ 11,400.00	42.00	15,960.00
613.01200	2 Inch Electrical Conduit (Plastic)	LF	2050	\$ 15.00	\$ 30,750.00	21.00	43,050.00
613.10000	Wiring (Base)	LS	1	\$ 10,000.00	\$ 10,000.00	9,800.00	9,800.00

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ITEM NO.	DESCRIPTION	UNIT	BASE QTY TOTALS	UNIT PRICE	BASE BID	Unit Bid	Total Bid
613.32350	Light Standard Steel (35 Foot)	EACH	11	\$ 3,500.00	\$ 38,500.00	3,500.00	38,500.00
613.40010	Light Standard Foundation	EACH	11	\$ 2,500.00	\$ 27,500.00	1,500.00	16,500.00
613.70250	Luminaire High Pressure Sodium (250 Watt)	EACH	11	\$ 1,500.00	\$ 16,500.00	1,300.00	14,300.00
614.00011	Sign Panel (Class I)	SF	181	\$ 30.00	\$ 5,430.00	30.00	5,430.00
614.00216	Steel Sign Post (2x2 Inch Tubing)	LF	56	\$ 15.00	\$ 840.00	17.00	952.00
614.03001	Concrete Footing (Type 1)	EACH	17	\$ 400.00	\$ 6,800.00	150.00	2,550.00
619.06060	6 Inch Ductile Iron Pipe	LF	56	\$ 75.00	\$ 4,200.00	74.00	4,144.00
619.75048	6 Inch Gate Valve	EACH	4	\$ 3,500.00	\$ 14,000.00	1,800.00	7,200.00
619.00000	Waterous Hydrant	EACH	2	\$ 10,000.00	\$ 20,000.00	11,000.00	22,000.00
622.00010	Bicycle "U" Rack	EACH	10	\$ 400.00	\$ 4,000.00	500.00	5,000.00
622.00011	Bicycle Shelter	EACH	1	\$ 25,000.00	\$ 25,000.00	30,000.00	30,000.00
625.00000	Construction Surveying	LS	1	\$ 20,000.00	\$ 20,000.00	18,500.00	18,500.00
626.00000	Mobilization	LS	1	\$ 108,000.00	\$ 108,000.00	177,234.00	177,234.00
627.00005	Epoxy Pavement Marking	GAL	35	\$ 180.00	\$ 6,300.00	193.00	6,755.00
627.30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	SF	243	\$ 12.00	\$ 2,916.00	16.00	3,888.00
627.30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	SF	1076	\$ 13.00	\$ 13,988.00	11.00	11,836.00
629.01001	Survey Monument	EACH	4	\$ 1,000.00	\$ 4,000.00	700.00	2,800.00
630.00000	Construction Zone Traffic Control	LS	1	\$ 85,000.00	\$ 85,000.00	102,000.00	102,000.00
700.70023	F/A On-The-Job Trainee	FA	1	\$ 960.00	\$ 960.00		960.00

TOTALS

\$ 1,495,339.50
TEXTURA FEE 2,741.34
TOTAL BASE BID 1,615,294.34

ALTERNATIVE NO. 1

ITEM NO.	DESCRIPTION	UNIT	ALT 1 QTYS TOTALS	UNIT PRICE	ALT 1 BID		
202.00019	Removal of Inlet	EACH	1	\$ 1,000.00	\$ 1,000.00	700.00	700.00
202.00035	Removal of Pipe	LF	78	\$ 20.00	\$ 1,560.00	17.00	1,326.00

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ITEM NO.	DESCRIPTION	UNIT	BASE QTY TOTALS	UNIT PRICE	BASE BID	Unit Bid	Total Bid
202.00201	Removal of Curb	LF	374	\$ 5.00	\$ 1,870.00	6.00	2,244.00
202.00220	Removal of Asphalt Mat	SY	851	\$ 12.00	\$ 10,212.00	19.00	16,169.00
202.00240	Removal of Asphalt Mat (Planing)	SY	23	\$ 5.00	\$ 115.00	55.00	1,265.00
202.04005	Clean Valve Box	EACH	1	\$ 250.00	\$ 250.00	190.00	190.00
203.00010	Unclassified Excavation (Complete In Place)	CY	95	\$ 30.00	\$ 2,850.00	49.00	4,655.00
203.00100	Muck Excavation	CY	28	\$ 50.00	\$ 1,400.00	120.00	3,360.00
210.00810	Reset Ground Sign	EACH	2	\$ 110.00	\$ 220.00	110.00	220.00
210.00815	Reset Sign Panel	EACH	2	\$ 125.00	\$ 250.00	30.00	60.00
210.04015	Modify Storm Manhole	EACH	1	\$ 3,000.00	\$ 3,000.00	2,500.00	2,500.00
210.04050	Adjust Valve Box/Manhole	EACH	1	\$ 1,000.00	\$ 1,000.00	500.00	500.00
403.33741	Hot Mix Asphalt (Grading S) (75) (PG 64-22)	TON	100	\$ 110.00	\$ 11,000.00	173.00	17,300.00
403.34641	Hot Mix Asphalt (Grading SX) (75) (PG 64-22)	TON	17	\$ 110.00	\$ 1,870.00	121.00	2,057.00
603.01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	LF	66	\$ 95.00	\$ 6,270.00	94.00	6,204.00
608.00006	Concrete Sidewalk (6 Inch)	SY	405	\$ 60.00	\$ 24,300.00	61.00	24,705.00
609.00000	6" Curb and Gutter - 2' Pan	LF	374	\$ 20.00	\$ 7,480.00	23.00	8,602.00
614.00011	Sign Panel (Class I)	SF	4	\$ 30.00	\$ 120.00	30.00	120.00
614.03001	Concrete Footing (Type 1)	EACH	2	\$ 400.00	\$ 800.00	150.00	300.00
630.00000	Construction Zone Traffic Control	LS	1	\$ 11,000.00	\$ 11,000.00	17,036.00	17,036.00
TOTALS					\$ 86,567.00		109,513.00

ALTERNATIVE NO. 2

ITEM NO.	DESCRIPTION	UNIT	ALT 2 QTYS TOTALS	UNIT PRICE	ALT 2 BID		
202.00019	Removal of Inlet	EACH	1	\$ 1,000.00	\$ 1,000.00	700.00	700.00
202.00032	Removal of Valve	EACH	1	\$ 1,000.00	\$ 1,000.00	610.00	610.00
202.00035	Removal of Pipe	LF	32	\$ 20.00	\$ 640.00	17.00	544.00

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202.00080	Removal of Guard Post	EACH	2	\$ 90.00	\$ 180.00	200.00	400.00
202.00202	Removal of Gutter	LF	452	\$ 10.00	\$ 4,520.00	9.00	4,068.00
202.00201	Removal of Curb	LF	89	\$ 5.00	\$ 445.00	6.00	534.00
202.00203	Removal of Curb and Gutter	LF	55	\$ 7.00	\$ 385.00	9.00	495.00
202.00210	Removal of Concrete Pavement	SY	229	\$ 29.00	\$ 6,641.00	29.00	6,641.00
202.00220	Removal of Asphalt Mat	SY	1108	\$ 12.00	\$ 13,296.00	19.00	21,052.00
202.00240	Removal of Asphalt Mat (Planing)	SY	62	\$ 5.00	\$ 310.00	22.00	1,364.00
202.00821	Removal of Sign Panel	EACH	1	\$ 70.00	\$ 70.00	45.00	45.00
202.04005	Clean Valve Box	EACH	2	\$ 250.00	\$ 500.00	190.00	380.00
203.00010	Unclassified Excavation (Complete In Place)	CY	233	\$ 30.00	\$ 6,990.00	49.00	11,417.00
203.00100	Muck Excavation	CY	52	\$ 50.00	\$ 2,600.00	120.00	6,240.00
210.00810	Reset Ground Sign	EACH	2	\$ 110.00	\$ 220.00	110.00	220.00
210.00815	Reset Sign Panel	EACH	2	\$ 125.00	\$ 250.00	30.00	60.00
210.04020	Modify Inlet	EACH	1	\$ 2,000.00	\$ 2,000.00	2,500.00	2,500.00
210.04050	Adjust Valve Box/Manhole	EACH	2	\$ 1,000.00	\$ 2,000.00	500.00	1,000.00
213.00000	Crusher Fines	SY	96	\$ 25.00	\$ 2,400.00	22.00	2,112.00
403.33741	Hot Mix Asphalt (Grading S) (75) (PG 64-22)	TON	197	\$ 110.00	\$ 21,670.00	173.00	34,081.00
403.34641	Hot Mix Asphalt (Grading SX) (75) (PG 64-22)	TON	54	\$ 110.00	\$ 5,940.00	121.00	6,534.00
412.00800	Concrete Pavement (8 Inch)	SY	684	\$ 75.00	\$ 51,300.00	97.00	66,348.00
603.00000	Concrete Colar	EACH	1	\$ 3,000.00	\$ 3,000.00	8,300.00	8,300.00
603.01155	15 Inch Reinforced Concrete Pipe (Complete In Place)	LF	46	\$ 90.00	\$ 4,140.00	93.00	4,278.00
603.01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	LF	175	\$ 95.00	\$ 16,625.00	94.00	16,450.00
604.00000	Double No. 14 Inlet Open Throat	EACH	2	\$ 8,000.00	\$ 16,000.00	8,800.00	17,600.00
608.00006	Concrete Sidewalk (6 Inch)	SY	320	\$ 60.00	\$ 19,200.00	62.00	19,840.00
608.00010	Concrete Curb Ramp	SY	22	\$ 150.00	\$ 3,300.00	200.00	4,400.00
608.00000	Concrete Step	SY	3	\$ 500.00	\$ 1,500.00	600.00	1,800.00

Public Infrastructure (38th & Blake Station) TOD Project PWADM-201520203-00, PILAR 2013-0144-01

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609.00000	6" Curb and Gutter - 2' Pan	LF	243	\$ 20.00	\$ 4,860.00	23.00	5,589.00
613.00000	Wiring (Alternative 2)	LS	1	\$ 5,000.00	\$ 5,000.00	4,400.00	4,400.00
613.32350	Light Standard Steel (35 Foot)	EACH	5	\$ 3,500.00	\$ 17,500.00	3,500.00	17,500.00
613.40010	Light Standard Foundation	EACH	5	\$ 2,500.00	\$ 12,500.00	1,500.00	7,500.00
613.70250	Luminaire High Pressure Sodium (250 Watt)	EACH	5	\$ 1,500.00	\$ 7,500.00	1,300.00	6,500.00
614.00011	Sign Panel (Class I)	SF	33	\$ 30.00	\$ 990.00	30.00	990.00
614.00216	Steel Sign Post (2x2 Inch Tubing)	LF	14	\$ 15.00	\$ 210.00	17.00	238.00
614.03001	Concrete Footing (Type 1)	EACH	4	\$ 400.00	\$ 1,600.00	150.00	600.00
619.06060	6 Inch Ductile Iron Pipe	LF	12	\$ 75.00	\$ 900.00	76.00	912.00
619.75048	6 Inch Gate Valve	EACH	1	\$ 3,500.00	\$ 3,500.00	1,800.00	1,800.00
630.00000	Construction Zone Traffic Control	LS	1	\$ 20,000.00	\$ 20,000.00	28,113.00	28,113.00
TOTALS					\$ 262,682.00		314,155.00

TOTAL CONTRACT AMOUNT W/2 ALTERNATES

2,038,962.34