

PUEBLO COUNTY PUBLIC WORKS  
ENGINEERING DIVISION  
33601 United Avenue  
Pueblo, Colorado

PROJECT NO. 700330  
DATE: December 22, 2008  
SHEET NO.: 1 of 1

PRELIMINARY ENGINEER'S DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements  
LOCATION: Purcell Bd - Highway 50 to Cellini Dr - Minor Arterial - 2" Overlay  
LENGTH: 9,490' WIDTH: 32' Existing  
PREPARED BY: David Benbow TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal (Milling)	Sq. Yds.	500	\$ 5.50	\$ 2,750.00
203	Embankment Material (CIP)	Cu.Yds.	475	\$ 7.50	\$ 3,562.50
208	Erosion Control	L.S.	1	\$ 5,000.00	\$ 5,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 5,000.00	\$ 5,000.00
212	Seeding & Mulching	Acre	0.50	\$ 4,000.00	\$ 2,000.00
403	HBP (Patching) (Asphalt)	Ton	40	\$ 100.00	\$ 4,000.00
403	HBP (Grading "SX") (Asphalt)	Ton	5,500	\$ 70.00	\$ 385,000.00
604	Manhole, Valve Box (Raising)	L.S.	10	\$ 400.00	\$ 4,000.00
620	Santitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
627	Pavement Markings	Gallon	165	\$ 40.00	\$ 6,600.00
627	Pavement Markings (PPM Type A)	S.F.	200	\$ 10.00	\$ 2,000.00
					\$ 419,412.50
626	Mobilization	L.S.	1	\$ 41,941.25	\$ 41,941.25
625	Engineering & Design	L.S.	1	\$ 20,970.63	\$ 20,970.63
625	Construction Surveying	L.S.	1	\$ 20,970.63	\$ 20,970.63
625	Construction Management	L.S.	1	\$ 20,970.63	\$ 20,970.63
625	Property Surveying	L.S.	1	\$ 4,194.13	\$ 4,194.13
630	Construction Zone Traffic Control	L.S.	1	\$ 10,485.31	\$ 10,485.31
SUB TOTAL					\$ 524,265.63
10% Contingency					\$ 52,426.56
TOTAL					\$ 576,692.19

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 Pueblo, Colorado

PROJECT NO. 700330  
 DATE: December 22, 2008  
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PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements  
 LOCATION: Purcell Bd From Hailey Dr to Industrial Bd - Minor Arterial 2" Overlay  
 LENGTH: 600' WIDTH: 55' Back to Back  
 PREPARED BY: David Benbow TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal (Milling)	Sq. Yds.	500	\$ 10.00	\$ 5,000.00
202	Remove Pipe	L.F.	20	\$ 10.00	\$ 200.00
203	Unclassified Excavation (CIP)	Cu.Yds.	300	\$ 7.50	\$ 2,250.00
203	Embankment Material	Cu.Yds.	400	\$ 6.00	\$ 2,400.00
208	Erosion Control	L.S.	1	\$ 2,000.00	\$ 2,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 2,000.00	\$ 2,000.00
212	Seeding & Mulching	Acre	1	\$ 4,000.00	\$ 4,000.00
304	Aggregate Base Course (Class 6)	Ton	150	\$ 16.00	\$ 2,400.00
304	Pipe Bedding	Ton	40	\$ 16.00	\$ 640.00
403	HBP (Patching) (Asphalt)	Ton	40	\$ 100.00	\$ 4,000.00
403	HBP (Grading "SX") (Asphalt)	Ton	350	\$ 70.00	\$ 24,500.00
506	Rip Rap d50 12"@12"	L.F.	24	\$ 15.00	\$ 360.00
603	Storm Sewer Pipe 18"	L.F.	440	\$ 35.00	\$ 15,400.00
603	Storm Sewer Pipe 24"	L.F.	440	\$ 40.00	\$ 17,600.00
604	Type R Inlet (L 5')	Each	3	\$ 2,200.00	\$ 6,600.00
604	Manhole	Each	2	\$ 2,000.00	\$ 4,000.00
609	C & G Type 2 (Section II-B)	Lin. Ft.	1,000	\$ 12.00	\$ 12,000.00
627	Pavement Marking	Gallon	16	\$ 40.00	\$ 640.00
627	Pavement Marking (PPM Type A)	S.F.	200	\$ 10.00	\$ 2,000.00
627	Street Signs	Each	4	\$ 220.00	\$ 880.00
627	Reset Street Signs	Each	10	\$ 40.00	\$ 400.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
					\$ 110,770.00
626	Mobilization	L.S.	1	\$ 11,077.00	\$ 11,077.00
625	Engineering & Design	L.S.	1	\$ 16,615.50	\$ 16,615.50
625	Construction Surveying	L.S.	1	\$ 11,077.00	\$ 11,077.00
625	Construction Management	L.S.	1	\$ 5,538.50	\$ 5,538.50
625	Property Surveying	L.S.	1	\$ 2,215.40	\$ 2,215.40
630	Construction Zone Traffic Control	L.S.	1	\$ 5,538.50	\$ 5,538.50
<b>SUB TOTAL</b>					<b>\$157,293.40</b>
10% Contingency					\$15,729.34
<b>TOTAL</b>					<b>\$173,022.74</b>

PUEBLO COUNTY PUBLIC WORKS  
ENGINEERING DIVISION  
33601 United Avenue  
Pueblo, Colorado

PROJECT NO. 700330  
DATE: December 22, 2008  
SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements  
LOCATION: Purcell Bd From Industrial Bd to Platteville Bd - Minor Arterial  
LENGTH: 12,950' WIDTH: 32' Pavement - 4" on 8"  
PREPARED BY: David Benbow TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Pulverization (Milling)	Sq. Yds.	34,600	\$ 2.80	\$ 96,880.00
202	Asphalt Removal	Sq. Yds.	300	\$ 10.00	\$ 3,000.00
202	Remove Pipe	L.F.	300	\$ 10.00	\$ 3,000.00
203	Unclassified Excavation (CIP)	Cu.Yds.	5,000	\$ 7.50	\$ 37,500.00
203	Embankment Material	Cu.Yds.	5,000	\$ 6.00	\$ 30,000.00
208	Erosion Control	L.S.	1	\$ 5,000.00	\$ 5,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 5,000.00	\$ 5,000.00
212	Seeding & Mulching	Acre	3	\$ 4,000.00	\$ 12,000.00
304	Aggregate Base Course (Class 6)	Ton	8,900	\$ 16.00	\$ 142,400.00
304	Pipe Bedding	Ton	200	\$ 16.00	\$ 3,200.00
403	HBP (Patching) (Asphalt)	Ton	100	\$ 100.00	\$ 10,000.00
403	HBP (Grading "S") (Asphalt)	Ton	4,000	\$ 65.00	\$ 260,000.00
403	HBP (Grading "SX") (Asphalt)	Ton	4,000	\$ 70.00	\$ 280,000.00
506	Rip Rap d50 12"	Ton	400	\$ 15.00	\$ 6,000.00
601	Structural Fill (Flow Fill)	C.Y.	100	\$ 55.00	\$ 5,500.00
601	Headwalls 24" Culvert	Each	4	\$ 1,000.00	\$ 4,000.00
601	Headwalls 18" Culvert	Each	20	\$ 1,000.00	\$ 20,000.00
601	Bridge 40' x 10' Str	L.S.	1	\$ 600,000.00	\$ 600,000.00
612	Delineators	Each	24	\$ 25.00	\$ 600.00
617	Corrugated Metal Pipe 18"	L.F.	540	\$ 30.00	\$ 16,200.00
617	Corrugated Metal Pipe 24"	L.F.	150	\$ 40.00	\$ 6,000.00
627	Pavement Markings	Gallon	60	\$ 40.00	\$ 2,400.00
627	Pavement Markings (PPM Type A)	S.F.	200	\$ 10.00	\$ 2,000.00
627	Street Sign	Each	4	\$ 220.00	\$ 880.00
627	Reset Street Sign	Each	10	\$ 40.00	\$ 400.00
620	Santitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
710	Guard Rail	L.F.	180	\$ 55.00	\$ 9,900.00
	Detour for Bridge	L.S.	1	\$ 15,000.00	\$ 15,000.00
					\$ 1,553,460.00
626	Mobilization	L.S.	1	\$ 77,673.00	\$ 77,673.00
625	Engineering & Design	L.S.	1	\$ 155,346.00	\$ 155,346.00
625	Construction Surveying	L.S.	1	\$ 38,836.50	\$ 38,836.50
625	Construction Management	L.S.	1	\$ 38,836.50	\$ 38,836.50
625	Property Surveying	L.S.	1	\$ 15,534.60	\$ 15,534.60
630	Construction Zone Traffic Control	L.S.	1	\$ 77,673.00	\$ 77,673.00
SUB TOTAL					\$1,879,686.60
10% Contingency					\$187,968.66
TOTAL					\$2,067,655.26

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PROJECT NO. 700330  
 DATE: December 22, 2008  
 SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements  
 LOCATION: Purcell Bd From Platteville Bd to I-25- Minor Arterial 2" Overlay  
 LENGTH: 32,000' WIDTH: 28' Pavement Existing  
 PREPARED BY: David Benbow TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal (Milling)	Sq. Yds.	100	\$ 10.00	\$ 1,000.00
202	Asphalt Removal	Sq. Yds.	40	\$ 10.00	\$ 400.00
203	Unclassified Excavation (CIP)	Cu. Yds.	1,140	\$ 7.50	\$ 8,550.00
203	Embankment Material	Cu. Yds.	110	\$ 6.00	\$ 660.00
208	Erosion Control	L.S.	1	\$ 5,000.00	\$ 5,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 5,000.00	\$ 5,000.00
212	Seeding & Mulching	Acre	5	\$ 4,000.00	\$ 20,000.00
403	HBP (Patching) (Asphalt)	Ton	100	\$ 100.00	\$ 10,000.00
403	HBP (Grading "S") (Asphalt)	Ton	1,600	\$ 65.00	\$ 104,000.00
612	Delineators	Each	20	\$ 25.00	\$ 500.00
627	Pavement Markings	Gallon	160	\$ 40.00	\$ 6,400.00
627	Pavement Markings (PPM Type A)	S.F.	21,000	\$ 10.00	\$ 210,000.00
627	Reset Street Signs	Each	10	\$ 220.00	\$ 2,200.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
					\$ 375,210.00
626	Mobilization	L.S.	1	\$ 37,521.00	\$ 37,521.00
625	Engineering & Design	L.S.	1	\$ 18,760.50	\$ 18,760.50
625	Construction Surveying	L.S.	1	\$ 18,760.50	\$ 18,760.50
625	Construction Management	L.S.	1	\$ 18,760.50	\$ 18,760.50
630	Construction Zone Traffic Control	L.S.	1	\$ 7,504.20	\$ 7,504.20
SUB TOTAL					\$469,012.50
10% Contingency					\$46,901.25
TOTAL					\$515,913.75

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Pueblo, Colorado

PROJECT NO. 700330

DATE: December 22, 2008

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Spaulding Ave - Purcell to Briscoe Dr - Major Collector

LENGTH: 1,960'

WIDTH: 37' Back to Back - 4" on 8"

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal	Sq. Yds.	5,300	\$ 5.50	\$ 29,150.00
202	Remove & Reset Mailbox	Each	1	\$ 200.00	\$ 200.00
203	Unclassified Excavation (CIP)	Cu.Yds.	1,350	\$ 7.50	\$ 10,125.00
203	Embankment Material	Cu.Yds.	120	\$ 6.00	\$ 720.00
208	Erosion Control	L.S.	1	\$ 2,000.00	\$ 2,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 2,000.00	\$ 2,000.00
212	Seeding & Mulching	Acre	0.50	\$ 4,000.00	\$ 2,000.00
304	Aggregate Base Course (Class 6)	Ton	3,300	\$ 16.00	\$ 52,800.00
304	Pipe Bedding	Ton	100	\$ 16.00	\$ 1,600.00
403	HBP (Patching) (Asphalt)	Ton	20	\$ 100.00	\$ 2,000.00
403	HBP (Grading "S") (Asphalt)	Ton	750	\$ 65.00	\$ 48,750.00
403	HBP (Grading "SX") (Asphalt)	Ton	750	\$ 70.00	\$ 52,500.00
506	Rip Rap d50 12" @ 12"	L.F.	24	\$ 15.00	\$ 360.00
601	Concrete Drive	Sq. Yds.	50	\$ 35.00	\$ 1,750.00
601	Headwalls 24" Culvert	Each	1	\$ 1,000.00	\$ 1,000.00
603	Storm Sewer Pipe 18"	L.F.	34	\$ 30.00	\$ 1,020.00
603	Storm Sewer Pipe 24"	L.F.	640	\$ 50.00	\$ 32,000.00
604	Manhole	Each	3	\$1,800.00	\$5,400.00
604	Type R Inlet (L 5')	Each	2	\$ 2,100.00	\$ 4,200.00
609	C & G Type 2 (Section II-B)	L.F.	4,000	\$ 10.00	\$ 40,000.00
609	Gutter Type 2 (4')	L.F.	120	\$ 40.00	\$ 4,800.00
627	Pavement Marking	Gallon	25	\$ 40.00	\$ 1,000.00
627	Street Signs	Each	4	\$ 220.00	\$ 880.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
					\$ 297,755.00
626	Mobilization	L.S.	1	\$ 29,775.50	\$ 29,775.50
625	Engineering & Design	L.S.	1	\$ 29,775.50	\$ 29,775.50
625	Construction Surveying	L.S.	1	\$ 29,775.50	\$ 29,775.50
625	Construction Management	L.S.	1	\$ 14,887.75	\$ 14,887.75
625	Property Surveying	L.S.	1	\$ 5,955.10	\$ 5,955.10
630	Construction Zone Traffic Control	L.S.	1	\$ 5,955.10	\$ 5,955.10
SUB TOTAL					\$ 407,924.35
10% Contingency					\$ 40,792.44
TOTAL					\$ 448,716.79

PUEBLO COUNTY PUBLIC WORKS

PROJECT NO. 700330

ENGINEERING DIVISION

33601 United Avenue

DATE: December 22, 2008

Pueblo, Colorado

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Spaulding Ave - Purcell to Ashford Dr - Major Collector

LENGTH: 2,315'

WIDTH: 32' Pavement - 4" on 8"

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Remove & Reset Mailbox	Each	1	\$ 200.00	\$ 200.00
203	Unclassified Excavation (CIP)	Cu.Yds.	1,400	\$ 7.50	\$ 10,500.00
203	Embankment Material	Cu.Yds.	120	\$ 6.00	\$ 720.00
208	Erosion Control	L.S.	1	\$ 5,000.00	\$ 5,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 5,000.00	\$ 5,000.00
212	Seeding & Mulching	Acre	1	\$ 4,000.00	\$ 4,000.00
304	Aggregate Base Course (Class 6)	Ton	3,400	\$ 16.00	\$ 54,400.00
304	Pipe Bedding	Ton	100	\$ 16.00	\$ 1,600.00
403	HBP (Patching) (Asphalt)	Ton	10	\$ 100.00	\$ 1,000.00
403	HBP (Grading "S") (Asphalt)	Ton	890	\$ 65.00	\$ 57,850.00
403	HBP (Grading "SX") (Asphalt)	Ton	890	\$ 70.00	\$ 62,300.00
506	Rip Rap d50 12" @ 12"	L.F.	24	\$ 15.00	\$ 360.00
601	Headwalls 18" Culvert	Each	4	\$ 1,000.00	\$ 4,000.00
601	Headwalls 48" Culvert	Each	2	\$ 1,000.00	\$ 2,000.00
603	Storm Sewer Pipe 48"	L.F.	60	\$ 80.00	\$ 4,800.00
617	Corrugated Metal Pipe 18"	L.F.	110	\$ 30.00	\$ 3,300.00
627	Pavement Marking	Gallon	20	\$ 40.00	\$ 800.00
627	Street Signs	Each	6	\$ 220.00	\$ 1,320.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
					\$ 220,650.00
626	Mobilization	L.S.	1	\$ 22,065.00	\$ 22,065.00
625	Engineering & Design	L.S.	1	\$ 22,065.00	\$ 22,065.00
625	Construction Surveying	L.S.	1	\$ 11,032.50	\$ 11,032.50
625	Construction Management	L.S.	1	\$ 11,032.50	\$ 11,032.50
625	Property Surveying	L.S.	1	\$ 4,413.00	\$ 4,413.00
630	Construction Zone Traffic	L.S.	1	\$ 4,413.00	\$ 4,413.00
<b>SUB TOTAL</b>					\$ 291,258.00
10% Contingency					\$ 29,125.80
<b>TOTAL</b>					\$ 320,383.80

PUEBLO COUNTY PUBLIC WORKS  
 ENGINEERING DIVISION  
 33601 United Avenue  
 Pueblo, Colorado

PROJECT NO. 700330

DATE: December 22, 2008

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Industrial Bd - Purcell Bd to Blythe Dr - Minor Collector

LENGTH: 790'

WIDTH: 49' - 2" overlay

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal (Milling)	Sq. Yds.	100	\$ 5.50	\$ 550.00
202	Concrete Removal	L.F.	80	\$ 10.00	\$ 800.00
202	Pipe Removal	L.F.	110	\$ 10.00	\$ 1,100.00
203	Unclassified Excavation (CIP)	Cu.Yds.	500	\$ 7.50	\$ 3,750.00
203	Embankment Material	Cu.Yds.	120	\$ 6.00	\$ 720.00
208	Erosion Control	L.S.	1	\$ 1,000.00	\$ 1,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 1,000.00	\$ 1,000.00
212	Seeding & Mulching	Acre	0.25	\$ 4,000.00	\$ 1,000.00
403	HBP (Patching) (Asphalt)	Ton	20	\$ 100.00	\$ 2,000.00
403	HBP (Grading "S") (Asphalt)	Ton	330	\$ 65.00	\$ 21,450.00
601	Concrete Drive	Sq. Yds.	160	\$ 35.00	\$ 5,600.00
603	Storm Sewer Pipe 18"	L.F.	48	\$ 30.00	\$ 1,440.00
604	Type R Inlet (L 5')	Each	3	\$ 2,100.00	\$ 6,300.00
604	Manhole, Valve Box (Raising)	L.S.	2	\$ 400.00	\$ 800.00
609	C & G Type 2 (Section II-B)	L.F.	1,600	\$ 10.00	\$ 16,000.00
620	Santitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
627	Pavement Marking	Gallon	110	\$ 40.00	\$ 4,400.00
627	Pavement Marking (PPM Type A)	S.F.	200	\$ 10.00	\$ 2,000.00
					\$ 69,410.00
626	Mobilization	L.S.	1	\$ 6,941.00	\$ 6,941.00
625	Engineering & Design	L.S.	1	\$ 10,411.50	\$ 10,411.50
625	Construction Surveying	L.S.	1	\$ 6,941.00	\$ 6,941.00
625	Construction Management	L.S.	1	\$ 3,470.50	\$ 3,470.50
625	Property Surveying	L.S.	1	\$ 1,388.20	\$ 1,388.20
630	Construction Zone Traffic Control	L.S.	1	\$ 3,470.50	\$ 3,470.50
SUB TOTAL					\$ 97,174.00
10% Contingency					\$ 9,717.40
TOTAL					\$ 106,891.40

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PROJECT NO. 700330

DATE: December 22, 2008

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Industrial Bd - Blythe Dr to Easement - Minor Collector

LENGTH: 1820'

WIDTH: 32' Pavement 4" on 8"

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal (Milling)	Sq. Yds.	100	\$ 5.50	\$ 550.00
203	Unclassified Excavation (CIP)	Cu.Yds.	400	\$ 7.50	\$ 3,000.00
203	Embankment Material	Cu.Yds.	80	\$ 6.00	\$ 480.00
208	Erosion Control	L.S.	1	\$ 1,000.00	\$ 1,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 1,000.00	\$ 1,000.00
212	Seeding & Mulching	Acre	0.25	\$ 4,000.00	\$ 1,000.00
403	HBP (Patching) (Asphalt)	Ton	10	\$ 100.00	\$ 1,000.00
403	HBP (Grading "S") (Asphalt)	Ton	540	\$ 65.00	\$ 35,100.00
601	Headwalls 18" Culvert	Each	4	\$ 1,000.00	\$ 4,000.00
603	Storm Sewer Pipe 18"	L.F.	120	\$ 30.00	\$ 3,600.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
627	Pavement Marking	Gallon	5	\$ 40.00	\$ 200.00
					\$ 52,430.00
626	Mobilization	L.S.	1	\$ 5,243.00	\$ 5,243.00
625	Engineering & Design	L.S.	1	\$ 7,864.50	\$ 7,864.50
625	Construction Surveying	L.S.	1	\$ 5,243.00	\$ 5,243.00
625	Construction Management	L.S.	1	\$ 2,621.50	\$ 2,621.50
625	Property Surveying	L.S.	1	\$ 1,048.60	\$ 1,048.60
630	Construction Zone Traffic Control	L.S.	1	\$ 2,621.50	\$ 2,621.50
SUB TOTAL					\$ 73,402.00
10% Contingency					\$ 7,340.20
TOTAL					\$ 80,742.20



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 Pueblo, Colorado

PROJECT NO. 700330

DATE: December 22, 2008

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Blythe Dr - Industrial Bd to Holiday Dr - Local Commercial

LENGTH: 1,100'

WIDTH: 37' Back to Back - 2" overlay

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal	Sq. Yds.	400	\$ 5.50	\$ 2,200.00
202	Concrete Removal	L.F.	80	\$ 5.50	\$ 440.00
202	Pipe Removal	L.F.	80	\$ 5.50	\$ 440.00
202	Remove & Reset Mailbox	Each	1	\$ 200.00	\$ 200.00
203	Unclassified Excavation (CIP)	Cu.Yds.	700	\$ 7.50	\$ 5,250.00
203	Embankment Material	Cu.Yds.	150	\$ 6.00	\$ 900.00
208	Erosion Control	L.S.	1	\$ 2,000.00	\$ 2,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 2,000.00	\$ 2,000.00
212	Seeding & Mulching	Acre	0.25	\$ 4,000.00	\$ 1,000.00
304	Aggregate Base Course (Class 6)	Ton	300	\$ 16.00	\$ 4,800.00
304	Pipe Bedding	Ton	10	\$ 16.00	\$ 160.00
403	HBP (Patching) (Asphalt)	Ton	60	\$ 100.00	\$ 6,000.00
403	HBP (Grading "SX") (Asphalt)	Ton	450	\$ 70.00	\$ 31,500.00
506	Rip Rap d50 12"	Ton	20	\$ 16.00	\$ 320.00
601	Headwalls 18" Culvert	Each	1	\$ 1,000.00	\$ 1,000.00
603	Storm Sewer Pipe 18"	L.F.	60	\$ 30.00	\$ 1,800.00
604	Manhole, Valve Box (Raising)	L.S.	5	\$ 400.00	\$ 2,000.00
604	Manhole 4'	Each	3	\$1,800.00	\$5,400.00
604	Type R Inlet (L 5')	Each	1	\$ 2,100.00	\$ 2,100.00
609	C & G Type 2 (Section II-B)	L.F.	2,300	\$ 10.00	\$ 23,000.00
609	Gutter Type 2 (8')	L.F.	64	\$ 40.00	\$ 2,560.00
612	Delineators	Each	2	\$ 25.00	\$ 50.00
627	Pavement Marking	Gallon	15	\$ 40.00	\$ 600.00
627	Street Sign	Each	2	\$ 220.00	\$ 440.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
					\$ 97,660.00
626	Mobilization	L.S.	1	\$ 9,766.00	\$ 9,766.00
625	Engineering & Design	L.S.	1	\$ 14,649.00	\$ 14,649.00
625	Construction Surveying	L.S.	1	\$ 9,766.00	\$ 9,766.00
625	Construction Management	L.S.	1	\$ 4,883.00	\$4,883.00
625	Property Surveying	L.S.	1	\$ 1,953.20	\$1,953.20
630	Construction Zone Traffic Control	L.S.	1	\$ 2,929.80	\$ 2,929.80
SUB TOTAL					\$ 141,607.00
10% Contingency					\$ 14,160.70
TOTAL					\$ 155,767.70

PUEBLO COUNTY PUBLIC WORKS  
 ENGINEERING DIVISION  
 33601 United Avenue  
 Pueblo, Colorado

PROJECT NO. 700330  
 DATE: December 22, 2008

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Holiday Dr - Blythe Dr to Easement - Local Commercial

LENGTH: 2,230'

WIDTH: 37' Back to Back - 4" on 8"

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal	Sq. Yds.	4,960	\$ 5.50	\$ 27,280.00
202	Remove & Reset Mailbox	Each	3	\$ 200.00	\$ 600.00
203	Unclassified Excavation (CIP)	Cu.Yds.	3,900	\$ 7.50	\$ 29,250.00
203	Embankment Material	Cu.Yds.	150	\$ 6.00	\$ 900.00
208	Erosion Control	L.S.	1	\$ 2,500.00	\$ 2,500.00
208	Erosion Control Supervisor	L.S.	1	\$ 2,500.00	\$ 2,500.00
212	Seeding & Mulching	Acre	0.50	\$ 4,000.00	\$ 2,000.00
304	Aggregate Base Course (Class 6)	Ton	3,500	\$ 16.00	\$ 56,000.00
304	Pipe Bedding	Ton	10	\$ 16.00	\$ 160.00
403	HBP (Patching) (Asphalt)	Ton	10	\$ 100.00	\$ 1,000.00
403	HBP (Grading "S") (Asphalt)	Ton	860	\$ 65.00	\$ 55,900.00
403	HBP (Grading "SX") (Asphalt)	Ton	860	\$ 70.00	\$ 60,200.00
506	Rip Rap d50 12"	Ton	20	\$ 16.00	\$ 320.00
601	Headwalls 18" Culvert	Each	2	\$ 1,000.00	\$ 2,000.00
609	C & G Type 2 (Section II-B)	L.F.	4,500	\$ 10.00	\$ 45,000.00
609	Gutter Type 2 (8')	L.F.	42	\$ 40.00	\$ 1,680.00
612	Delineators	Each	14	\$ 25.00	\$ 350.00
617	Corrugated Metal Pipe 18"	L.F.	60	\$ 30.00	\$ 1,800.00
627	Pavement Markings	Gallon	8	\$ 40.00	\$ 320.00
627	Street Sign	Each	2	\$ 220.00	\$ 440.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
					\$ 291,700.00
626	Mobilization	L.S.	1	\$ 29,170.00	\$ 29,170.00
625	Engineering & Design	L.S.	1	\$ 43,755.00	\$ 43,755.00
625	Construction Surveying	L.S.	1	\$ 29,170.00	\$ 29,170.00
625	Construction Management	L.S.	1	\$ 14,585.00	\$14,585.00
625	Property Surveying	L.S.	1	\$ 5,834.00	\$5,834.00
630	Construction Zone Traffic Control	L.S.	1	\$ 8,751.00	\$ 8,751.00
					\$ 422,965.00
	10% Contingency				\$ 42,296.50
					\$ 465,261.50

PUEBLO COUNTY PUBLIC WORKS  
ENGINEERING DIVISION  
33601 United Avenue  
Pueblo, Colorado

PROJECT NO. 700330

DATE: December 22, 2008

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Ranch Drive from Purcell Bd to Easement - Local Access

LENGTH: 910'

WIDTH: 24' Pavement

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal	Sq. Yds.	2,050	\$ 5.50	\$ 11,275.00
202	Remove & Reset Mailbox	Each	1	\$ 200.00	\$ 200.00
203	Unclassified Excavation (CIP)	Cu.Yds.	1,600	\$ 7.50	\$ 12,000.00
203	Embankment Material	Cu.Yds.	60	\$ 6.00	\$ 360.00
208	Erosion Control	L.S.	1	\$ 1,000.00	\$ 1,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 1,000.00	\$ 1,000.00
212	Seeding & Mulching	Acre	0.25	\$ 4,000.00	\$ 1,000.00
304	Aggregate Base Course (Class 6)	Ton	1,250	\$ 16.00	\$ 20,000.00
403	HBP (Patching) (Asphalt)	Ton	10	\$ 100.00	\$ 1,000.00
403	HBP (Grading "S") (Asphalt)	Ton	200	\$ 65.00	\$ 13,000.00
403	HBP (Grading "SX") (Asphalt)	Ton	200	\$ 70.00	\$ 14,000.00
601	Concrete Drive	Sq. Yds.	10	\$ 35.00	\$ 350.00
627	Pavement Markings	Gallon	6	\$ 40.00	\$ 240.00
627	Street Signs	Each	2	\$ 220.00	\$ 440.00
620	Santitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
					\$ 77,365.00
626	Mobilization	L.S.	1	\$ 7,736.50	\$ 7,736.50
625	Engineering & Design	L.S.	1	\$ 11,604.75	\$ 11,604.75
625	Construction Surveying	L.S.	1	\$ 7,736.50	\$ 7,736.50
625	Construction Management	L.S.	1	\$ 3,868.25	\$ 3,868.25
625	Property Surveying	L.S.	1	\$ 1,547.30	\$ 1,547.30
630	Control	L.S.	1	\$ 1,547.30	\$ 1,547.30
SUB TOTAL					\$109,858.30
10% Contingency					\$10,985.83
TOTAL					\$120,844.13

PUEBLO COUNTY PUBLIC WORKS  
 ENGINEERING DIVISION  
 33601 United Avenue  
 Pueblo, Colorado

PROJECT NO. 700330  
 DATE: December 22, 2008

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Platteville Bd - Purcell to Easement - Minor Arterial

LENGTH: .990'

WIDTH: 32' Pavement 4" on 8"

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Pulverization (Milling)	Sq. Yds.	2,640	\$ 2.50	\$ 6,600.00
202	Asphalt Removal	Sq. Yds.	100	\$ 2.50	\$ 250.00
202	Remove & Reset Mailbox	Each	6	\$ 200.00	\$ 1,200.00
203	Unclassified Excavation (CIP)	Cu. Yds.	600	\$ 7.50	\$ 4,500.00
203	Embankment Material	Cu. Yds.	300	\$ 6.00	\$ 1,800.00
208	Erosion Control	L.S.	1	\$ 5,000.00	\$ 5,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 5,000.00	\$ 5,000.00
212	Seeding & Mulching	Acre	2	\$ 4,000.00	\$ 8,000.00
304	Aggregate Base Course (Class 6)	Ton	650	\$ 16.00	\$ 10,400.00
403	HBP (Patching) (Asphalt)	Ton	20	\$ 100.00	\$ 2,000.00
403	HBP (Grading "S") (Asphalt)	Ton	300	\$ 65.00	\$ 19,500.00
403	HBP (Grading "SX") (Asphalt)	Ton	300	\$ 70.00	\$ 21,000.00
612	Delineators	Each	16	\$ 25.00	\$ 400.00
627	Pavement Marking	Gallon	90	\$ 40.00	\$ 3,600.00
627	Street Signs	Each	12	\$ 220.00	\$ 2,640.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
					\$ 93,390.00
626	Mobilization	L.S.	1	\$ 9,339.00	\$ 9,339.00
625	Engineering & Design	L.S.	1	\$ 9,339.00	\$ 9,339.00
625	Construction Surveying	L.S.	1	\$ 4,669.50	\$ 4,669.50
625	Construction Management	L.S.	1	\$ 4,669.50	\$ 4,669.50
625	Property Surveying	L.S.	1	\$ 1,867.80	\$ 1,867.80
630	Control	L.S.	1	\$ 1,867.80	\$ 1,867.80
<b>SUB TOTAL</b>					\$ 123,274.80
10% Contingency					\$ 12,327.48
<b>TOTAL</b>					\$ 135,602.28

PUEBLO COUNTY PUBLIC WORKS  
ENGINEERING DIVISION  
33601 United Avenue  
Pueblo, Colorado

PROJECT NO. 700330

DATE: December 22, 2008

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Jaroso Drive from Purcell Bd to Easement - Local Access

LENGTH: 370'

WIDTH: 24' Pavement - 3" on 6"

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Removal	Sq. Yds.	50	\$ 5.50	\$ 275.00
202	Remove & Reset Mailbox	Each	1	\$ 200.00	\$ 200.00
203	Unclassified Excavation (CIP)	Cu.Yds.	360	\$ 7.50	\$ 2,700.00
203	Embankment Material	Cu.Yds.	20	\$ 6.00	\$ 120.00
208	Erosion Control	L.S.	1	\$ 2,000.00	\$ 2,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 2,000.00	\$ 2,000.00
212	Seeding & Mulching	Acre	0.25	\$ 4,000.00	\$ 1,000.00
304	Aggregate Base Course (Class 6)	Ton	350	\$ 16.00	\$ 5,600.00
10	HBP (Patching) (Asphalt)	Ton	10	\$ 100.00	\$ 1,000.00
403	HBP (Grading "S") (Asphalt)	Ton	90	\$ 65.00	\$ 5,850.00
403	HBP (Grading "SX") (Asphalt)	Ton	90	\$ 70.00	\$ 6,300.00
612	Delineators	Each	2	\$ 25.00	\$ 50.00
627	Pavement Marking	Gallon	2	\$ 40.00	\$ 80.00
627	Street Sign	Each	1	\$ 220.00	\$ 220.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
					\$ 28,895.00
626	Mobilization	L.S.	1	\$ 2,889.50	\$ 2,889.50
625	Engineering & Design	L.S.	1	\$ 4,334.25	\$ 4,334.25
625	Construction Surveying	L.S.	1	\$ 2,889.50	\$ 2,889.50
625	Construction Management	L.S.	1	\$ 1,444.75	\$ 1,444.75
625	Property Surveying	L.S.	1	\$ 577.90	\$ 577.90
630	Control	L.S.	1	\$ 577.90	\$ 577.90
<b>SUB TOTAL</b>					<b>\$41,030.90</b>
10% Contingency					\$4,103.09
<b>TOTAL</b>					<b>\$45,133.99</b>

PUEBLO COUNTY PUBLIC WORKS  
ENGINEERING DIVISION  
33601 United Avenue  
Pueblo, Colorado

PROJECT NO. 700330

DATE: December 22, 2008

SHEET NO.: 1 of 1

PRELIMINARY DETAILED ESTIMATE

PROJECT NAME: Colorado Springs Utilities Haul Route Improvements

LOCATION: Platteville Bd - Purcell to Easement - Minor Arterial

LENGTH: 8,750'

WIDTH: 32' Pavement - 4" on 8"

PREPARED BY: David Benbow

TITLE: General Services Engineer

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
202	Asphalt Pulverization (Milling)	Sq. Yds.	23,000	\$ 2.50	\$ 57,500.00
202	Asphalt Removal	Sq. Yds.	200	\$ 2.50	\$ 500.00
202	Pipe Removal	L.F.	40	\$ 5.50	\$ 220.00
202	Remove & Reset Mailbox	Each	8	\$ 200.00	\$ 1,600.00
203	Unclassified Excavation (CIP)	Cu. Yds.	2,000	\$ 7.50	\$ 15,000.00
203	Embankment Material	Cu. Yds.	1,200	\$ 6.00	\$ 7,200.00
208	Erosion Control	L.S.	1	\$ 5,000.00	\$ 5,000.00
208	Erosion Control Supervisor	L.S.	1	\$ 5,000.00	\$ 5,000.00
212	Seeding & Mulching	Acre	2	\$ 4,000.00	\$ 8,000.00
304	Aggregate Base Course (Class 6)	Ton	5,500	\$ 16.00	\$ 88,000.00
304	Pipe Bedding	Ton	400	\$ 16.00	\$ 6,400.00
403	HBP (Patching) (Asphalt)	Ton	40	\$ 100.00	\$ 4,000.00
403	HBP (Grading "S") (Asphalt)	Ton	2,750	\$ 65.00	\$ 178,750.00
403	HBP (Grading "SX") (Asphalt)	Ton	2,750	\$ 70.00	\$ 192,500.00
506	Rip Rap d50 12"	Ton	100	\$ 15.00	\$ 1,500.00
601	Headwalls 24" Culvert	Each	6	\$ 1,000.00	\$ 6,000.00
601	Headwalls 18" Culvert	Each	10	\$ 1,000.00	\$ 10,000.00
612	Delineators	Each	16	\$ 25.00	\$ 400.00
617	Corrugated Metal Pipe 18"	L.F.	360	\$ 30.00	\$ 10,800.00
617	Corrugated Metal Pipe 24"	L.F.	240	\$ 40.00	\$ 9,600.00
627	Pavement Marking	Gallon	90	\$ 40.00	\$ 3,600.00
627	Street Signs	Each	12	\$ 220.00	\$ 2,640.00
620	Sanitary Facility	Each	1	\$ 1,500.00	\$ 1,500.00
710	Guard Rail	L.F.	160	\$ 35.00	\$ 5,600.00
					\$ 621,310.00
626	Mobilization	L.S.	1	\$ 62,131.00	\$ 62,131.00
625	Engineering & Design	L.S.	1	\$ 62,131.00	\$ 62,131.00
625	Construction Surveying	L.S.	1	\$ 31,065.50	\$ 31,065.50
625	Construction Management	L.S.	1	\$ 31,065.50	\$ 31,065.50
625	Property Surveying	L.S.	1	\$ 12,426.20	\$ 12,426.20
630	Control	L.S.	1	\$ 12,426.20	\$ 12,426.20
<b>SUB TOTAL</b>					\$ 820,129.20
10% Contingency					\$ 82,012.92
<b>TOTAL</b>					\$ 902,142.12

PUEBLO COUNTY PUBLIC WORKS  
 ENGINEERING DIVISION  
 33601 United Avenue  
 Pueblo, Colorado

PROJECT NO. 700330  
 DATE: December 23, 2008

PRELIMINARY DETAILED ESTIMATE

SHEET NO.: 1 of 1

PROJECT NAME: Colorado Springs Utilities- Haul Route Plan Improvements

PREPARED BY: David Benbow

TITLE: General Services Engineer

ROADWAY		ESTIMATE
	Purcell Bd South	\$576,692.19
	Purcell Bd A	\$173,022.74
	Purcell Bd B	\$2,067,655.26
	Purcell Bd C	\$515,913.75
	Spaulding Ave	\$448,716.79
	Spaulding Ave B	\$320,383.80
	Industrial Bd	\$106,891.40
	Industrial Bd A	\$80,742.20
	Blythe Dr	\$155,767.70
	Holiday Dr	\$465,261.50
	Ranch Dr	\$120,844.13
	Platteville Bd S	\$135,602.28
	Jaroso Dr	\$45,133.99
	Platteville Bd N	\$902,142.12
TOTAL		\$6,114,769.84