

PROJECT NO. 124931

Subaccount: WEST OF 20+60

PROJECT NAME: CHERRY CREEK SOUTH DRIVE PHASE 3

LOCATION OF PROJECT: CITY AND COUNTY OF DENVER

Engineers Detailed Estimate

Engineers Detailed Estimate					Concrete Works		Concrete Express Inc.			
Yellow Highlights Denote Corrections					West (3A)		Hartford Fire Insurance		Travelers Casualty	
Item		Unit Cost	Quantity	Extended Cost						
201-00001	CLEARING AND GRUBBING	ACRE	\$ 25,000.00	0.26	6,500.00	19,500.00	5,070.00	55000.00		14,300.00
202-00001	REMOVAL OF STRUCTURE	EACH	\$ 9,500.00	1.0	9,500.00	1,340.00	1,340.00	6,000.00		6,000.00
202-00007	REMOVAL OF BOLLARD	EACH	\$ 120.00	4.0	480.00	95.50	382.00	100.0		400.00
202-00011	REMOVAL OF TREE	EACH	\$ 900.00	10.0	9,000.00	985.00	9,850.00	780.0		7,800.00
202-00019	REMOVAL OF INLET	EACH	\$ 1,000.00	7.0	7,000.00	670.00	4,690.00	700.0		4,900.00
202-00035	REMOVAL OF PIPE	LF	\$ 30.00	225.0	6,750.00	33.00	7,425.00	28.0		6,300.00
202-00037	REMOVAL END SECTION	EACH	\$ 500.00	1.0	500.00	257.00	257.00	440.0		440.00
202-00155	REMOVAL OF WALL	LF	\$ 100.00	95.0	9,500.00	90.00	8,550.00	54.0		5,130.00
202-00195	REMOVAL OF MEDIAN COVER	SY	\$ 20.00	56.0	1,120.00	12.50	700.00	12.0		672.00
202-00200	REMOVAL OF SIDEWALK	SY	\$ 9.00	276.0	2,484.00	11.00	3,036.00	7.9		2,180.40
202-00202	REMOVAL OF GUTTER	LF	\$ 9.00	357.0	3,213.00	6.35	2,266.95	5.0		1,785.00
202-00203	REMOVAL OF CURB AND GUTTER	LF	\$ 7.00	1,064.0	7,448.00	4.30	4,575.20	5.1		5,426.40
202-00206	REMOVAL OF CONCRETE CURB RAMP	SY	\$ 10.00	26.0	260.00	13.00	338.00	24.0		624.00
202-00210	REMOVAL OF CONCRETE PAVEMENT	SY	\$ 14.00	385.0	5,390.00	16.00	6,160.00	13.8		5,313.00
202-00220	REMOVAL OF ASPHALT MAT	SY	\$ 7.50	5,039.0	37,792.50	6.20	31,241.80	9.9		49,886.10
202-00240	REMOVAL OF ASPHALT MAT (PLANING)	SY	\$ 2.50	226.0	565.00	10.50	2,373.00	12.0		2,712.00
202-00250	REMOVAL OF PAVEMENT MARKING	SF	\$ 6.00	285.0	1,710.00	2.90	826.50	5.8		1,653.00
202-00810	REMOVAL OF GROUND SIGN	EACH	\$ 95.00	30.0	2,850.00	87.00	2,610.00	90.0		2,700.00
202-05010	SAWING CONCRETE (10 INCH)	LF	\$ 10.00	538.0	5,380.00	4.90	2,636.20	3.2		1,721.60
202-05030	SAWING ASPHALT MATERIAL (10 INCH)	LF	\$ 5.00	162.0	810.00	3.50	567.00	2.5		405.00
203-00010	UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)	CY	\$ 50.00	535.0	26,750.00	54.50	29,157.50	41.0		21,935.00
203-00100	MUCK EXCAVATION	CY	\$ 20.00	1,000.0	20,000.00	59.00	59,000.00	60.0		60,000.00
203-01597	POTHOLING	HR	\$ 200.00	24.0	4,800.00	282.00	6,768.00	390.0		9,360.00
207-00205	TOPSOIL	CY	\$ 40.00	220.0	8,800.00	63.00	13,860.00	39.8		8,756.00
208-00002	EROSION LOG (12 INCH)	LF	\$ 5.00	140.0	700.00	6.00	840.00	9.0		1,260.00
208-00020	SILT FENCE	LF	\$ 4.00	1,162.0	4,648.00	2.60	3,021.20	2.6		3,021.20
208-00045	CONCRETE WASHOUT STRUCTURE	EACH	\$ 1,000.00	1.0	1,000.00	1,390.00	1,390.00	1,800.0		1,800.00
208-00051	STORM DRAIN INLET PROTECTION	LF	\$ 20.00	152.0	3,040.00	32.50	4,940.00	35.0		5,320.00
208-00070	STABILIZED CONSTRUCTION ENTRANCE	EACH	\$ 2,500.00	1.0	2,500.00	2,140.00	2,140.00	3,200.0		3,200.00
208-00071	CONSTRUCTION FENCE	LF	\$ 7.00	2,746.0	19,222.00	3.90	10,709.40	3.2		8,787.20
208-00100	SEDIMENT REMOVAL AND DISPOSAL	LS	\$ 12,500.00	1.0	12,500.00	3,480.00	3,480.00	16,800.0		16,800.00
208-00206	EROSION CONTROL SUPERVISOR	HR	\$ 75.00	55.0	4,125.00	87.00	4,785.00	202.0		11,110.00
208-00206	STREET SWEEPING	DAY	\$ 650.00	40.0	26,000.00	336.00	13,440.00	625.0		25,000.00
210-00810	RESET GROUND SIGN	EACH	\$ 325.00	22.0	7,150.00	290.00	6,380.00	175.0		3,850.00
210-02510	RELAY SPRINKLER SYSTEM	LS	\$ 3,000.00	1.0	3,000.00	8,110.00	8,110.00	9,800.0		9,800.00
210-04010	ADJUST MANHOLE	EACH	\$ 750.00	4.0	3,000.00	521.00	2,084.00	650.0		2,600.00
210-04015	MODIFY MANHOLE	EACH	\$ 1,500.00	6.0	9,000.00	2,220.00	13,320.00	1,010.0		6,060.00
210-04020	MODIFY INLET	EACH	\$ 2,300.00	1.0	2,300.00	1,890.00	1,890.00	1,300.0		1,300.00
212-00006	SEEDING AND SOIL PREP (NATIVE)	ACRE	\$ 2,000.00	0.22	440.00	15,600.00	3,432.00	21,500.0		4,730.00
212-00050	SOD AND SOIL PREP	SF	\$ 1.00	2,591.0	2,591.00	0.95	2,461.45	1.5		3,886.50
212-00100	TREE RETENTION AND PROTECTION	LS	\$ 7,500.00	1.0	7,500.00	2,900.00	2,900.00	1,850.0		1,850.00
212-01200	LANDSCAPE RESTORATION	LS	\$ 2,500.00	1.0	2,500.00	11,600.00	11,600.00	8,700.0		8,700.00
213-00008	SUPPLEMENTAL WOOD CHIP MULCH	LS	\$ 1,500.00	1.0	1,500.00	2,900.00	2,900.00	4,800.0		4,800.00

Yellow Highlights Denote Corrections

Item			Unit Cost	Quantity	West (3A) Extended Cost	Hartford Fire Insurance		Travelers Casualty	
213-00070	LANDSCAPE WEED BARRIER FABRIC	SY	\$ 1.20	665.0	798.00	1.40	931.00	1.4	931.00
214-00000	ONE YEAR LANDSCAPE MAINTENANCE	LS	\$ 6,000.00	1.0	6,000.00	23,200.00	23,200.00	25,950.0	25,950.00
214-00220	DECIDUOUS TREE (2 INCH CALIPER)	EACH	\$ 450.00	15.0	6,750.00	475.00	7,125.00	480.0	7,200.00
214-00280	DECIDUOUS TREE (8 FOOT HEIGHT)	EACH	\$ 560.00	2.0	1,120.00	608.00	1,216.00	610.0	1,220.00
214-00310	DECIDUOUS SHRUB (1 GALLON CONTAINER)	EACH	\$ 11.00	600.0	6,600.00	33.50	20,100.00	33.6	20,160.00
214-00350	DECIDUOUS SHRUB (5 GALLON CONTAINER)	EACH	\$ 38.00	190.0	7,220.00	52.00	9,880.00	54.5	10,355.00
214-00508	CONIFERUOUS TREE (8 FOOT HEIGHT)	EACH	\$ 670.00	2.0	1,340.00	608.00	1,216.00	610.0	1,220.00
216-00041	SOIL RETENTION BLANKET (STRAW/COCONUT)	SY	\$ 3.80	27.0	102.60	3.75	101.25	12.0	324.00
304-06007	AGGREGATE BASE COURSE (CLASS 6)	CY	\$ 60.00	200.0	12,000.00	36.50	7,300.00	74.0	14,800.00
304-09006	CRUSHER FINES PAVING	SY	\$ 14.00	60.0	840.00	17.50	1,050.00	25.0	1,500.00
403-33841	HMA (GRADING S)(100)(PG 64-22)	TON	\$ 275.00	27.0	7,425.00	151.00	4,077.00	574.0	15,498.00
403-34871	HMA (GRADING SX) (100) (PG 76-28)	TON	\$ 275.00	6.0	1,650.00	162.00	972.00	1,440.0	8,640.00
403-34872	HMA (GRADING SX) (100) (PG 76-28) (TEMPORARY OVERLAY)	SY	\$ 60.00	2.0	120.00	579.00	1,158.00	3,520.0	7,040.00
412-01000	CONCRETE PAVEMENT (10 INCH)	SY	\$ 115.00	2,383.0	274,045.00	75.00	178,725.00	88.8	211,610.40
415-00001	PERVIOUS PAVERS	SF	\$ 23.00	2,411.0	55,453.00	25.50	61,480.50	21.3	51,354.30
420-00102	GEOTEXTILE (EROSION CONTROL) (CLASS 1)	SY	\$ 7.00	268.0	1,876.00	3.30	884.40	9.0	2,412.00
503-00024	DRILLED CAISSON (24 INCH)	LF	\$ 250.00	12.0	3,000.00	232.00	2,784.00	376.0	4,512.00
503-00036	DRILLED CAISSON (36 INCH)	LF	\$ 500.00	42.0	21,000.00	458.00	19,236.00	550.0	23,100.00
506-00209	RIPRAP (9-INCH)	CY	\$ 200.00	16.5	3,300.00	127.00	2,095.50	122.0	2,013.00
514-00200	PEDESTRIAN RAILING (STEEL)	LF	\$ 190.00	500.0	95,000.00	204.00	102,000.00	298.0	149,000.00
514-00201	PEDESTRIAN RAILING (STEEL) (SPECIAL)	LF	\$ 190.00	35.0	6,650.00	292.00	10,220.00	496.0	17,360.00
601-03027	CONCRETE CLASS D (SPECIAL)	CY	\$ 1,700.00	3.0	5,100.00	1,010.00	3,030.00	600.0	1,800.00
602-00020	REINFORCING STEEL (EPOXY COATED)	LB	\$ 1.50	3,112.0	4,668.00	1.65	5,134.80	1.3	3,890.00
603-01155	15 INCH REINFORCED CONCRETE PIPE (CIP)	LF	\$ 80.00	608.0	48,640.00	145.00	88,160.00	95.6	58,124.80
603-01185	18 INCH REINFORCED CONCRETE PIPE (CIP)	LF	\$ 84.00	31.0	2,604.00	143.00	4,433.00	115.5	3,580.50
603-01245	24 INCH REINFORCED CONCRETE PIPE (CIP)	LF	\$ 96.00	273.0	26,208.00	215.00	58,695.00	114.0	31,122.00
603-05024	24 INCH REINFORCED CONCRETE END SECTION	EACH	\$ 1,800.00	1.0	1,800.00	2,260.00	2,260.00	1,250.0	1,250.00
603-50006	6 INCH PLASTIC PIPE	LF	\$ 100.00	154.0	15,400.00	248.00	38,192.00	98.0	15,092.00
603-50012	12 INCH PLASTIC PIPE	LF	\$ 105.00	19.0	1,995.00	366.00	6,954.00	269.0	5,111.00
604-16005	INLET TYPE 16 SINGLE (5 FOOT)	EACH	\$ 4,000.00	1.0	4,000.00	8,510.00	8,510.00	4,800.0	4,800.00
604-16510	INLET TYPE 16 DOUBLE (10 FOOT)	EACH	\$ 5,000.00	1.0	5,000.00	11,300.00	11,300.00	6,800.0	6,800.00
604-19105	INLET TYPE 14 L 6 (5 FOOT)	EACH	\$ 5,600.00	2.0	11,200.00	7,730.00	15,460.00	8,100.0	16,200.00
604-19110	INLET TYPE 14 L 6 (10 FOOT)	EACH	\$ 6,900.00	4.0	27,600.00	10,000.00	40,000.00	8,400.0	33,600.00
604-19210	INLET TYPE 14 L 9 (10 FOOT)	EACH	\$ 8,200.00	1.0	8,200.00	12,800.00	12,800.00	10,500.0	10,500.00
604-30005	MANHOLE SLAB BASE 5' DIA (5 FOOT)	EACH	\$ 4,600.00	2.0	9,200.00	3,270.00	6,540.00	4,000.0	8,000.00
604-30010	MANHOLE SLAB BASE 5' DIA (10 FOOT)	EACH	\$ 6,100.00	7.0	42,700.00	5,270.00	36,890.00	4,900.0	34,300.00
604-30020	MANHOLE SLAB BASE 4' DIA (20 FOOT)	EACH	\$ 7,900.00	1.0	7,900.00	11,400.00	11,400.00	10,300.0	10,300.00
604-39000	MANHOLE SPECIAL (CLEANOUT)	EACH	\$ 5,300.00	4.0	21,200.00	1,680.00	6,720.00	6,300.0	25,200.00
604-39008	MANHOLE SPECIAL (8 FOOT)	EACH	\$ 8,200.00	1.0	8,200.00	5,010.00	5,010.00	11,750.0	11,750.00
604-90000	OBSERVATION WELL	EACH	\$ 250.00	2.0	500.00	2,840.00	5,680.00	3,400.0	6,800.00
605-00040	4 INCH PERFORATED PIPE UNDERDRAIN	LF	\$ 60.00	374.0	22,440.00	26.50	9,911.00	24.8	9,275.20
608-00600	CCD CONCRETE SIDEWALK (6 INCH)	SY	\$ 59.00	850.0	50,150.00	57.50	48,875.00	60.0	51,000.00
608-02010	CCD CURB RAMP TYPE 1	SY	\$ 217.00	50.0	10,850.00	138.00	6,900.00	102.0	5,100.00
608-02011	CCD CURB RAMP TYPE 2	SY	\$ 217.00	20.0	4,340.00	137.00	2,740.00	102.0	2,040.00
608-03001	CCD MULTI-FAMILY CURB CUT W/ATTACHED SIDEWALK	SY	\$ 95.00	54.0	5,130.00	77.00	4,158.00	72.0	3,888.00
608-03002	CCD MULTI-FAMILY CURB CUT W/DETACHED SIDEWALK	SY	\$ 111.00	80.0	8,880.00	77.00	6,160.00	72.0	5,760.00
608-04015	CCD TRUNCATED DOME PANEL	SF	\$ 111.00	64.0	7,104.00	51.00	3,264.00	44.0	2,816.00
609-21510	6" CURB & GUTTER - 1' SPILL PAN	LF	\$ 23.50	1,000.0	23,500.00	27.50	27,500.00	22.8	22,800.00
609-21520	6" CURB & GUTTER - 2' PAN	LF	\$ 26.25	1,800.0	47,250.00	24.50	44,100.00	26.8	48,240.00
609-40130	MEDIAN CURB (SPECIAL)	LF	\$ 81.00	600.0	48,600.00	66.50	39,900.00	48.0	28,800.00
609-60011	ASPHALT CURB	LF	\$ 10.00	329.0	3,290.00	35.00	11,515.00	10.0	3,290.00
610-00026	MEDIAN COVER MATERIAL (6 INCH PATTERNED CONCRETE)	SF	\$ 13.00	1,532.0	19,916.00	7.55	11,566.60	13.5	20,682.00

Yellow Highlights Denote Corrections

Item			Unit Cost	Quantity	West (3A) Extended Cost	Hartford Fire Insurance		Travelers Casualty	
612-00001	DELINEATOR (TYPE 1)	EACH	\$ 45.00	2.0	90.00	40.50	81.00	70.0	140.00
612-00003	DELINEATOR (TYPE 3)	EACH	\$ 30.00	7.0	210.00	46.50	325.50	75.0	525.00
613-00039	UNDERGROUND WIRE 1 COND NO 12	LF	\$ 1.25	120.0	150.00	1.15	138.00	1.8	216.00
613-00040	HANDHOLE	EACH	\$ 750.00	2.0	1,500.00	666.00	1,332.00	670.0	1,340.00
613-00042	GLOBE LIGHTING UNIT	EACH	\$ 5,700.00	2.0	11,400.00	5,150.00	10,300.00	8,580.0	17,160.00
613-00043	LIGHT FOUNDATION DESIGN SPECIAL 1	EACH	\$ 3,200.00	2.0	6,400.00	2,910.00	5,820.00	3,250.0	6,500.00
613-00044	2" NON-METALLIC CONDUIT	LF	\$ 30.00	400.0	12,000.00	28.50	11,400.00	32.5	13,000.00
613-00045	UNDERGROUND WIRE 1 COND NO 8	LF	\$ 0.80	2,075.0	1,660.00	0.70	1,452.50	1.8	3,735.00
613-00046	SERVICE CABINET	EACH	\$ 5,250.00	1.0	5,250.00	4,630.00	4,630.00	5,200.0	5,200.00
613-00047	SERVICE EQUIPMENT	EACH	\$ 600.00	1.0	600.00	556.00	556.00	1,400.0	1,400.00
613-00048	EQUIPMENT PAD	EACH	\$ 600.00	1.0	600.00	544.00	544.00	1,200.0	1,200.00
613-00200	2 INCH ELECTRICAL CONDUIT	LF	\$ 24.00	494.0	11,856.00	22.00	10,868.00	30.1	14,869.40
613-00300	3 INCH ELECTRICAL CONDUIT	LF	\$ 30.00	500.0	15,000.00	28.00	14,000.00	37.1	18,550.00
613-07023	PULL BOX (24"X36"X24")	EACH	\$ 1,550.00	1.0	1,550.00	1,390.00	1,390.00	1,400.0	1,400.00
613-07060	PULL BOX (18"X30"X18")	EACH	\$ 950.00	4.0	3,800.00	869.00	3,476.00	1,100.0	4,400.00
613-10000	WIRING	LS	\$ 6,800.00	1.0	6,800.00	6,210.00	6,210.00	7,535.0	7,535.00
614-00011	SIGN PANEL (CLASS 1)	SF	\$ 23.00	21.0	483.00	21.00	441.00	35.0	735.00
614-00012	SIGN PANEL (CLASS II)	SF	\$ 32.00	35.0	1,120.00	29.00	1,015.00	58.0	2,030.00
614-01503	STEEL SIGN POST (2"x2" TUBING)	LF	\$ 38.00	260.0	9,880.00	35.00	9,100.00	18.5	4,810.00
614-70150	PEDESTRIAN SIGNAL FACE (16) (COUNTDOWN)	EACH	\$ 840.00	4.0	3,360.00	770.00	3,080.00	770.0	3,080.00
614-70336	TRAFFIC SIGNAL FACE (12-12-12)	EACH	\$ 600.00	5.0	3,000.00	550.00	2,750.00	580.0	2,900.00
614-70560	TRAFFIC SIGNAL FACE (12-12-12-12)	EACH	\$ 1,600.00	5.0	8,000.00	1,450.00	7,250.00	1,450.0	7,250.00
614-72855	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	\$ 28,500.00	1.0	28,500.00	26,200.00	26,200.00	29,700.0	29,700.00
614-72860	PEDESTRIAN PUSH BUTTON	EACH	\$ 250.00	4.0	1,000.00	232.00	928.00	232.0	928.00
614-72886	INTERSECTION DETECTION SYSTEM (CAMERA)	EACH	\$ 15,000.00	1.0	15,000.00	13,700.00	13,700.00	15,000.0	15,000.00
614-77777	POWER METER PEDESTAL AND BASE	EACH	\$ 5,000.00	1.0	5,000.00	4,620.00	4,620.00	5,000.0	5,000.00
614-80000	FLASHING BEACON	EACH	\$ 9,600.00	2.0	19,200.00	8,720.00	17,440.00	8,700.0	17,400.00
614-81000	TRAFFIC SIGNAL-LIGHT POLE STEEL	EACH	\$ 3,000.00	1.0	3,000.00	2,700.00	2,700.00	3,010.0	3,010.00
614-81125	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-25 FOOT MAST ARM)	EACH	\$ 1,300.00	1.0	1,300.00	1,160.00	1,160.00	1,740.0	1,740.00
614-81130	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-30 FOOT MAST ARM)	EACH	\$ 1,400.00	2.0	2,800.00	1,270.00	2,540.00	1,740.0	3,480.00
614-84000	TRAFFIC SIGNAL PEDESTAL POLE STEEL	EACH	\$ 2,300.00	1.0	2,300.00	2,090.00	2,090.00	2,100.0	2,100.00
614-86105	TELEMETRY (FIELD)	EACH	\$ 7,000.00	1.0	7,000.00	6,370.00	6,370.00	7,200.0	7,200.00
619-00007	CONNECT TO EXISTING WATERLINE	EACH	\$ 4,600.00	4.0	18,400.00	2,440.00	9,760.00	2,200.0	8,800.00
619-06040	4 INCH DUCTILE IRON PIPE	LF	\$ 120.00	64.0	7,680.00	76.00	4,864.00	82.9	5,302.40
619-06060	6 INCH DUCTILE IRON PIPE	LF	\$ 130.00	50.0	6,500.00	64.00	3,200.00	90.0	4,500.00
619-06080	8 INCH DUCTILE IRON PIPE	LF	\$ 170.00	46.0	7,820.00	93.00	4,278.00	112.0	5,152.00
619-06100	10 INCH DUCTILE IRON PIPE	LF	\$ 200.00	14.0	2,800.00	162.00	2,268.00	220.0	3,080.00
619-06120	12 INCH DUCTILE IRON PIPE	LF	\$ 210.00	635.0	133,350.00	119.00	75,565.00	99.0	62,865.00
619-10000	TEMPORARY WATER	LS	\$ 25,000.00	1.0	25,000.00	41,000.00	41,000.00	9,950.0	9,950.00
619-50650	10 INCH C900 PVC PIPE	LF	\$ 210.00	16.0	3,360.00	99.00	1,584.00	100.0	1,600.00
619-75032	4 INCH GATE VALVE	EACH	\$ 950.00	2.0	1,900.00	1,140.00	2,280.00	1,400.0	2,800.00
619-75048	6 INCH GATE VALVE	EACH	\$ 1,200.00	1.0	1,200.00	1,320.00	1,320.00	1,530.0	1,530.00
619-75064	8 INCH GATE VALVE	EACH	\$ 1,700.00	1.0	1,700.00	1,790.00	1,790.00	2,150.0	2,150.00
619-75080	10 INCH GATE VALVE	EACH	\$ 2,600.00	1.0	2,600.00	2,600.00	2,600.00	3,100.0	3,100.00
619-75096	12 INCH GATE VALVE	EACH	\$ 3,100.00	2.0	6,200.00	3,060.00	6,120.00	3,700.0	7,400.00
619-75201	8 INCH 45 DEGREE BEND	EACH	\$ 280.00	5.0	1,400.00	417.00	2,085.00	900.0	4,500.00
619-75301	10 INCH 45 DEGREE BEND	EACH	\$ 470.00	1.0	470.00	582.00	582.00	1,240.0	1,240.00
619-75302	10 INCH 90 DEGREE BEND	EACH	\$ 850.00	1.0	850.00	924.00	924.00	1,240.0	1,240.00
619-75401	12 INCH 45 DEGREE BEND	EACH	\$ 565.00	16.0	9,040.00	830.00	13,280.00	1,460.0	23,360.00
619-75402	12X4 INCH TEE	EACH	\$ 600.00	1.0	600.00	909.00	909.00	1,460.0	1,460.00
619-75403	12X6 INCH SWIVEL TEE	EACH	\$ 625.00	2.0	1,250.00	867.00	1,734.00	1,400.0	2,800.00
619-75404	12X8 INCH TEE	EACH	\$ 750.00	1.0	750.00	1,000.00	1,000.00	1,840.0	1,840.00

Yellow Highlights Denote Corrections

				West (3A)		Hartford Fire Insurance		Travelers Casualty	
Item			Unit Cost	Quantity	Extended Cost				
619-75405	12X8 INCH REDUCER	EACH	\$ 400.00	1.0	400.00	417.00	417.00	1,230.0	1,230.00
619-75501	ADJUSTABLE PIPE & VALVE SUPPORT	EACH	\$ 570.00	1.0	570.00	773.00	773.00	1,600.0	1,600.00
619-78048	6 INCH FIRE HYDRANT ASSEMBLY	EACH	\$ 7,500.00	1.0	7,500.00	5,020.00	5,020.00	7,100.0	7,100.00
619-99999	WATER SYSTEM TESTING	LS	\$ 18,000.00	1.0	18,000.00	2,720.00	2,720.00	2,550.0	2,550.00
620-00001	FIELD OFFICE (CLASS 1)	EACH	\$ 15,000.00	1.0	15,000.00	25,400.00	25,400.00	22,000.0	22,000.00
620-00020	SANITARY FACILITY	LS	\$ 2,000.00	1.0	2,000.00	3,180.00	3,180.00	950.0	950.00
622-00250	BENCH	EACH	\$ 2,000.00	2.0	4,000.00	1,910.00	3,820.00	2,400.0	4,800.00
623-09900	SPRINKLER SYSTEM	LS	\$ 42,500.00	1.0	42,500.00	81,100.00	81,100.00	84,000.0	84,000.00
625-00000	CONSTRUCTION SURVEYING	LS	\$ 22,500.00	1.0	22,500.00	78,700.00	78,700.00	50,000.0	50,000.00
626-00001	MOBILIZATION	LS	\$ 200,000.00	1.0	200,000.00	262,000.00	262,000.00	295,000.0	295,000.00
627-00004	EPOXY PAVEMENT MARKING	SF	\$ 2.20	1,501.0	3,302.20	1.10	1,651.10	4.0	6,004.00
627-30405	PREFORMED THERMOPLASTIC PAVEMENT MARKING (WORD SYMBOL)	SF	\$ 38.00	86.0	3,268.00	17.50	1,505.00	22.0	1,892.00
627-30410	PREFORMED THERMOPLASTIC PAVEMENT MARKING (XWALK-STOP)	SF	\$ 19.00	611.0	11,609.00	14.50	8,859.50	12.0	7,332.00
629-01050	MONUMENT BOX	EACH	\$ 630.00	2.0	1,260.00	383.00	766.00	1,400.0	2,800.00
629-01065	SURVEY MONUMENT	EACH	\$ 250.00	2.0	500.00	524.00	1,048.00	1,400.0	2,800.00
629-01210	ADJUST MONUMENT BOX	EACH	\$ 190.00	1.0	190.00	383.00	383.00	450.0	450.00
630-00001	CONSTRUCTION PHASE TRAFFIC CONTROL	LS	\$ 60,000.00	1.0	60,000.00	203,000.00	203,000.00	157,000.0	157,000.00
630-80355	PORTABLE MESSAGE SIGN PANEL	EACH	\$ 3,500.00	2.0	7,000.00	11,000.00	22,000.00	5,200.0	10,400.00
630-80370	CONCRETE BARRIER (TEMPORARY)	LF	\$50.00	74.0	3,700.00	30.00	2,220.00	40.0	2,960.00
TOTAL ENGINEERS ESTIMATE CCSD PHASE 3A					\$2,133,151.30		\$2,398,625.85		\$2,431,456.40

CCT - From Contractor Bids

\$682,757.00

\$603,094.55

\$856,912.91

\$2,815,908.30

\$3,001,720.40

\$3,288,369.31

Textura fee

\$4,787.04

\$5,102.92

\$5,590.23

\$2,820,695.34

\$3,006,823.32

\$3,293,959.54

Add Alternate Phase B

\$1,679,990.00

\$1,402,087.80

\$1,592,204.80

\$4,500,685.34

\$4,408,911.12

\$4,886,164.34

PROJECT NO. 124931

Subaccount: WEST OF 20+60

PROJECT NAME: CHERRY CREEK SOUTH DRIVE PHASE 3

LOCATION OF PROJECT: CITY AND COUNTY OF DENVER

Engineers Detailed Estimate	Alternative:	CCSD PHASE 3
	Prepared By:	E. Elefante/ TN review
	Date Prepared:	8/25/2016

Item	Unit Cost	Quantity	East (3B)		Concrete Works		CEI		Shaded Fields are for INPUT
			Extended Cost	Hartford Fire Insurance	Travelers Casualty				
201-00001 CLEARING AND GRUBBING	ACRE \$ 25,000.00	0.33	8,250.00	19,500.00	6,435.00	34,000.00	11,220.00		
202-00019 REMOVAL OF INLET	EACH \$ 1,000.00	2.0	2,000.00	670.00	1,340.00	700.00	1,400.00		
202-00035 REMOVAL OF PIPE	LF \$ 30.00	193.0	5,790.00	33.00	6,369.00	25.00	4,825.00	50 for waterline + 23 vault	
202-00037 REMOVAL END SECTION	EACH \$ 500.00	1.0	500.00	257.00	440.00	257.00	440.00		
202-00200 REMOVAL OF SIDEWALK	SY \$ 9.00	344.0	3,096.00	11.00	3,784.00	8.40	2,889.60		
202-00203 REMOVAL OF CURB AND GUTTER	LF \$ 7.00	541.0	3,787.00	4.30	2,326.30	5.60	3,029.60		
202-00206 REMOVAL OF CONCRETE CURB RAMP	SY \$ 10.00	45.0	450.00	13.00	585.00	7.00	315.00		
202-00220 REMOVAL OF ASPHALT MAT	SY \$ 7.50	6,270.0	47,025.00	6.20	38,874.00	10.00	62,700.00		
202-00250 REMOVAL OF PAVEMENT MARKING	SF \$ 6.00	210.0	1,260.00	2.90	609.00	6.00	1,260.00		
202-00810 REMOVAL OF GROUND SIGN	EACH \$ 95.00	17.0	1,615.00	87.00	1,479.00	75.00	1,275.00		
202-05030 SAWING ASPHALT MATERIAL (10 INCH)	LF \$ 5.00	85.0	425.00	3.50	297.50	3.20	272.00	perimeter of existing RW	
203-00010 UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)	CY \$ 50.00	331.0	16,550.00	54.50	18,039.50	43.00	14,233.00		
203-00100 MUCK EXCAVATION	CY \$ 20.00	1,500.0	30,000.00	59.00	88,500.00	62.00	93,000.00	For excavation of landfill under project.	
203-01597 POTHOLING	HR \$ 200.00	9.0	1,800.00	282.00	2,538.00	390.00	3,510.00		
206-00200 STRUCTURE BACKFILL (CLASS 2)	CY \$ 50.00	6.0	300.00	71.00	426.00	78.00	468.00		
208-00002 EROSION LOG (12 INCH)	LF \$ 5.00	60.0	300.00	6.00	360.00	12.00	720.00		
208-00020 SILT FENCE	LF \$ 4.00	919.0	3,676.00	2.60	2,389.40	3.20	2,940.80		
208-00045 CONCRETE WASHOUT STRUCTURE	EACH \$ 1,000.00	1.0	1,000.00	1,390.00	1,390.00	1,800.00	1,800.00		
208-00051 STORM DRAIN INLET PROTECTION	LF \$ 20.00	64.0	1,280.00	32.50	2,080.00	52.00	3,328.00		
208-00070 STABILIZED CONSTRUCTION ENTRANCE	EACH \$ 2,500.00	1.0	2,500.00	2,140.00	2,140.00	3,200.00	3,200.00		
208-00071 CONSTRUCTION FENCE	LF \$ 7.00	2,255.0	15,785.00	3.90	8,794.50	3.20	7,216.00		
208-00100 SEDIMENT REMOVAL AND DISPOSAL	LS \$ 12,500.00	1.0	12,500.00	3,480.00	3,480.00	11,300.00	11,300.00		
208-00206 EROSION CONTROL SUPERVISOR	HR \$ 75.00	45.0	3,375.00	87.00	3,915.00	202.00	9,090.00		
208-00206 STREET SWEEPING	DAY \$ 650.00	40.0	26,000.00	336.00	13,440.00	625.00	25,000.00		
210-00810 RESET GROUND SIGN	EACH \$ 325.00	18.0	5,850.00	290.00	5,220.00	175.00	3,150.00		
210-02510 RELAY SPRINKLER SYSTEM	LS \$ 3,000.00	1.0	3,000.00	5,210.00	5,210.00	4,100.00	4,100.00		
210-04010 ADJUST MANHOLE	EACH \$ 750.00	5.0	3,750.00	521.00	2,605.00	650.00	3,250.00	1 storm + 7 san+1 ELEC + 1 CL	
212-00006 SEEDING AND SOIL PREP (NATIVE)	ACRE \$ 2,000.00	0.18	360.00	15,600.00	2,808.00	19,800.00	3,564.00		
212-00050 SOD AND SOIL PREP	SF \$ 1.00	2,127.0	2,127.00	0.95	2,020.65	1.50	3,190.50		
212-00100 TREE RETENTION AND PROTECTION	LS \$ 7,500.00	1.0	7,500.00	2,900.00	2,900.00	1,900.00	1,900.00		
212-01200 LANDSCAPE RESTORATION	LS \$ 2,500.00	1.0	2,500.00	11,600.00	11,600.00	6,400.00	6,400.00		
213-00008 SUPPLEMENTAL WOOD CHIP MULCH	LS \$ 1,500.00	1.0	1,500.00	2,900.00	2,900.00	1,000.00	1,000.00	mulch at ex. trees, landscape	
213-00070 LANDSCAPE WEED BARRIER FABRIC	SY \$ 1.20	908.0	1,089.60	1.40	1,271.20	1.40	1,271.20	landscape within limits	
214-00000 ONE YEAR LANDSCAPE MAINTENANCE	LS \$ 6,000.00	1.0	6,000.00	17,500.00	17,500.00	13,100.00	13,100.00		
214-00220 DECIDUOUS TREE (2 INCH CALIPER)	EACH \$ 450.00	12.0	5,400.00	475.00	5,700.00	480.00	5,760.00	includes soil prep	
216-00041 SOIL RETENTION BLANKET (STRAW/COCONUT)	SY \$ 3.80	40.0	152.00	3.75	150.00	12.00	480.00	upland seed areas	
304-06007 AGGREGATE BASE COURSE (CLASS 6)	CY \$ 60.00	1,215.0	72,900.00	36.50	44,347.50	66.00	80,190.00	73 cy under c&g	
403-33841 HMA (GRADING S)(100)(PG 64-22)	TON \$ 275.00	36.0	9,900.00	151.00	5,436.00	579.00	20,844.00	transitions	
403-34871 HMA (GRADING SX) (100) (PG 76-28)	TON \$ 275.00	12.0	3,300.00	162.00	1,944.00	1,440.00	17,280.00		
412-01000 CONCRETE PAVEMENT (10 INCH)	SY \$ 115.00	1,886.0	216,890.00	80.00	150,880.00	88.00	165,968.00		
412-01050 CONCRETE PAVEMENT (10 AND 1/2 INCH)	SY \$ 126.00	3,778.0	476,028.00	81.50	307,907.00	89.90	339,642.20		
415-00001 PERVIOUS PAVERS	SF \$ 23.00	2,194.0	50,462.00	25.50	55,947.00	21.30	46,732.20		
420-00102 GEOTEXTILE (EROSION CONTROL) (CLASS 1)	SY \$ 7.00	244.0	1,708.00	3.30	805.20	9.00	2,196.00	perv pav	
603-01245 24 INCH REINFORCED CONCRETE PIPE (CIP)	LF \$ 96.00	46.0	4,416.00	215.00	9,890.00	92.70	4,264.20		
603-01305 30 INCH REINFORCED CONCRETE PIPE (CIP)	LF \$ 120.00	132.0	15,840.00	240.00	31,680.00	113.00	14,916.00		
603-05024 24 INCH REINFORCED CONCRETE END SECTION	EACH \$ 1,800.00	1.0	1,800.00	2,260.00	2,260.00	1,250.00	1,250.00		
603-05030 30 INCH REINFORCED CONCRETE END SECTION	EACH \$ 2,150.00	1.0	2,150.00	2,570.00	2,570.00	1,490.00	1,490.00		
604-19105 INLET TYPE 14 L 6 (5 FOOT)	EACH \$ 5,600.00	1.0	5,600.00	7,730.00	7,730.00	8,100.00	8,100.00		
604-19205 INLET TYPE 14 L 9 (5 FOOT)	EACH \$ 7,200.00	1.0	7,200.00	9,830.00	9,830.00	10,600.00	10,600.00		
604-19305 INLET TYPE 14 L 12 (5 FOOT)	EACH \$ 8,500.00	1.0	8,500.00	12,900.00	12,900.00	11,600.00	11,600.00		
604-39000 MANHOLE SPECIAL (CLEANOUT)	EACH \$ 5,300.00	1.0	5,300.00	1,680.00	1,680.00	6,400.00	6,400.00	2 ss + 3 underdrain	
604-90000 OBSERVATION WELL	EACH \$ 250.00	1.0	250.00	2,840.00	2,840.00	3,300.00	3,300.00	3 underdrain	
605-00040 4 INCH PERFORATED PIPE UNDERDRAIN	LF \$ 60.00	350.0	21,000.00	26.50	9,275.00	23.00	8,050.00		
608-00600 CCD CONCRETE SIDEWALK (6 INCH)	SY \$ 59.00	1,784.0	105,256.00	57.50	102,580.00	58.00	103,472.00		
608-02010 CCD CURB RAMP TYPE 1	SY \$ 217.00	14.0	3,038.00	138.00	1,932.00	102.00	1,428.00		
608-03001 CCD MULTI-FAMILY CURB CUT W/ATTACHED SIDEWALK	SY \$ 95.00	66.0	6,270.00	77.00	5,082.00	72.00	4,752.00		
608-04015 CCD TRUNCATED DOME PANEL	SF \$ 111.00	198.0	21,978.00	51.00	10,098.00	44.00	8,712.00		
609-21510 6" CURB & GUTTER - 1" SPILL PAN	LF \$ 23.50	28.0	658.00	27.50	770.00	22.80	638.40		
609-21520 6" CURB & GUTTER - 2" PAN	LF \$ 26.25	1,200.0	31,500.00	24.50	29,400.00	28.00	33,600.00		
610-00026 MEDIAN COVER MATERIAL (6 INCH PATTERNED CONCRETE)	SF \$ 13.00	947.0	12,311.00	7.55	7,149.85	13.50	12,784.50		
614-00011 SIGN PANEL (CLASS 1)	SF \$ 23.00	160.0	3,680.00	21.00	3,360.00	35.00	5,600.00	1 no. 3 and 2 no. 1 & 2 *1 no. 2"	
614-01503 STEEL SIGN POST (2"x2" TUBING)	LF \$ 38.00	26.0	988.00	35.00	910.00	18.60	483.60		
620-00001 FIELD OFFICE (CLASS 1)	EACH \$ 15,000.00	1.0	15,000.00	25,400.00	25,400.00	11,000.00	11,000.00		
620-00020 SANITARY FACILITY	LS \$ 2,000.00	1.0	2,000.00	3,180.00	3,180.00	630.00	630.00		
623-09900 SPRINKLER SYSTEM	LS \$ 42,500.00	1.0	42,500.00	57,900.00	57,900.00	51,500.00	51,500.00		
625-00000 CONSTRUCTION SURVEYING	LS \$ 22,500.00	1.0	22,500.00	26,200.00	26,200.00	19,000.00	19,000.00		
626-00001 MOBILIZATION	LS \$ 200,000.00	1.0	200,000.00	32,800.00	32,800.00	175,000.00	175,000.00		
627-00004 EPOXY PAVEMENT MARKING	SF \$ 2.20	2,142.0	4,712.40	1.10	2,356.20	4.00	8,568.00		
627-30405 PREFORMED THERMOPLASTIC PAVEMENT MARKING (WORD SYMBOL)	SF \$ 38.00	72.0	2,736.00	17.50	1,260.00	22.00	1,584.00		
627-30410 PREFORMED THERMOPLASTIC PAVEMENT MARKING (XWALK-STOP)	SF \$ 19.00	404.0	7,676.00	14.50	5,858.00	13.00	5,252.00		
629-01050 MONUMENT BOX	EACH \$ 630.00	2.0	1,260.00	383.00	766.00	1,800.00	3,600.00		
629-01065 SURVEY MONUMENT	EACH \$ 250.00	2.0	500.00	524.00	1,048.00	1,800.00	3,600.00		
629-01210 ADJUST MONUMENT BOX	EACH \$ 190.00	1.0	190.00	383.00	383.00	580.00	580.00		
630-00001 CONSTRUCTION PHASE TRAFFIC CONTROL	LS \$ 60,000.00	1.0	60,000.00	145,000.00	145,000.00	54,000.00	54,000.00		
630-80355 PORTABLE MESSAGE SIGN PANEL	EACH \$ 3,500.00	1.0	3,500.00	11,000.00	11,000.00	31,000.00	31,000.00		

TOTAL ENGINEERS ESTIMATE CCSD PHASE 3B

\$1,679,990.00

\$1,402,087.80

\$1,592,204.80

Total **\$1,679,990.00**

PROJECT NO. 124931

PROJECT NAME: CHERRY CREEK SOUTH DRIVE PHASE 3

Subaccount:

LOCATION OF PROJECT: CITY AND COUNTY OF DENVER

Engineers Detailed Estimate	
Concrete Works	CEI

Item	Unit Cost	Quantity	Extended Cost
201-00001 CLEARING AND GRUBBING	ACRE \$ 34,000.00	0.23	\$ 7,820.00
202-00010 REMOVAL OF TREE	EACH \$ 220.00	12	\$ 2,640.00
202-00001 REMOVAL OF STRUCTURE (PLANTER)	EACH \$ 375.00	6	\$ 2,250.00
202-00001 REMOVAL OF STRUCTURE (RETAINING WALLS)	LS \$ 9,500.00	1	\$ 9,500.00
202-00011 REMOVAL OF TREE	EACH \$ 220.00	12	\$ 2,640.00
202-00202 REMOVAL OF GUTTER	LF \$ 11.00	172	\$ 1,892.00
202-00203 REMOVAL OF CURB AND GUTTER	LF \$ 7.00	500	\$ 3,500.00
202-00205 REMOVAL OF WHEEL STOP	EACH \$ 50.00	19	\$ 950.00
202-00210 REMOVE CONCRETE PAVEMENT	SY \$ 9.00	143	\$ 1,287.00
202-00220 REMOVAL OF ASPHALT MAT	SY \$ 8.00	1686	\$ 13,488.00
202-00250 REMOVAL OF PAVEMENT MARKING	SF \$ 7.00	65	\$ 455.00
202-00810 REMOVAL OF GROUND SIGN	EACH \$ 95.00	2	\$ 190.00
202-05030 SAWING ASPHALT MATERIAL (2 INCH)	LF \$ 4.00	413	\$ 1,652.00
203-01597 POTHOLING	HR \$ 325.00	10	\$ 3,250.00
206-00000 STRUCTURE EXCAVATION	CY \$ 72.00	145	\$ 10,440.00
206-00100 STRUCTURE BACKFILL (CLASS 1)	CY \$ 95.00	100	\$ 9,500.00
207-00205 TOPSOIL	CY \$ 45.00	550	\$ 24,750.00
208-00005 EROSION LOG (ROCK SOCK)	LF \$ 6.00	159	\$ 954.00
208-00071 CONSTRUCTION FENCE	LF \$ 10.00	100	\$ 1,000.00
210-00001 RESET ENTRANCE MONUMENTS	EACH \$ 1,200.00	2	\$ 2,400.00
210-00810 RESET SIGN	EACH \$ 315.00	4	\$ 1,260.00
210-00810 RESET GROUND SIGN	EACH \$ 315.00	1	\$ 315.00
210-04010 ADJUST MANHOLE	EACH \$ 600.00	1	\$ 600.00
212-00100 TREE RETENTION AND PROTECTION	LS \$ 1,000.00	1	\$ 1,000.00
212-01200 LANDSCAPE RESTORATION	LS \$ 2,500.00	1	\$ 2,500.00
213-00009 SUPPLEMENTAL ROCK MULCH	LS \$ 1,750.00	1	\$ 1,750.00
214-00000 ONE YEAR LANDSCAPE MAINTENANCE	LS \$ 6,700.00	1	\$ 6,700.00
214-00220 DECIDUOUS TREE (2 INCH CALIPER)	EACH \$ 450.00	20	\$ 9,000.00
214-00280 CONIFEROUS TREE (8 FOOT HEIGHT)	EACH \$ 530.00	11	\$ 5,830.00
214-00310 DECIDUOUS SHRUB (1 GALLON CONTAINER)	EACH \$ 10.00	560	\$ 5,600.00
214-00350 DECIDUOUS SHRUB (5 GALLON CONTAINER)	EACH \$ 40.00	1060	\$ 42,400.00
214-00503 EVERGREEN TREE (5 FOOT) (BALL AND BURLAP)	EACH \$ 485.00	1	\$ 485.00
214-00508 EVERGREEN TREE (8 FOOT) (BALL AND BURLAP)	EACH \$ 675.00	10	\$ 6,750.00
403-33841 HMA (GRADING S) (100) (PG 64-22)	TON \$ 140.00	260	\$ 36,400.00
403-34871 HMA (GRADING SX) (100) (PG 76-28)	TON \$ 140.00	260	\$ 36,400.00
412-00800 CONCRETE PAVEMENT (8 INCH)	SY \$ 70.00	44	\$ 3,080.00
514-00200 PEDESTRIAN RAILING (STEEL)	LF \$ 195.00	200	\$ 39,000.00
514-00201 RAIL AT VERANDA	LF \$ 195.00	6	\$ 1,170.00
515-00120 WATERPROOFING (MEMBRANE)	SY \$ 35.00	43	\$ 1,505.00
601-03000 CONCRETE CLASS D (WALL)	CY \$ 850.00	40	\$ 34,000.00
601-40300 STRUCTURAL CONCRETE COATING	SY \$ 16.00	94	\$ 1,504.00
602-00020 REINFORCING STEEL (EPOXY COATED)	LB \$ 1.25	2808	\$ 3,510.00
608-00001 PATTERNED CONCRETE SIDEWALK	SY \$ 164.00	34	\$ 5,576.00
608-00006 CCD CONCRETE SIDEWALK (6 INCH)	SY \$ 98.00	41	\$ 4,018.00
608-02011 CCD CURB RAMP TYPE 1	SY \$ 217.00	12	\$ 2,604.00
608-04015 CCD TRUNCATED DOME PANEL	SF \$ 138.00	8	\$ 1,104.00
609-21510 6"x9" CURB HEAD (SPECIAL)	LF \$ 32.00	332	\$ 10,624.00
609-21520 6"x9" CURB AND GUTTER 2' CATCH PAN (SPECIAL)	LF \$ 37.00	526	\$ 19,462.00
609-21900 6"x9" CURB HEAD "B" (SPECIAL)	LF \$ 43.00	102	\$ 4,386.00
609-24004 GUTTER TYPE 2 (4 FOOT)	LF \$ 55.00	103	\$ 5,665.00
613-00031 REMOVE UNDERGROUND WIRE	LF \$ 1.90	1000	\$ 1,900.00
613-00032 REMOVE LIGHTING UNIT	EACH \$ 89.00	21	\$ 1,869.00
613-00033 LIGHTING UNIT TYPE SPECIAL	EACH \$ 5,000.00	2	\$ 10,000.00
613-00034 LIGHT FOUNDATION DESIGN SPECIAL	EACH \$ 3,700.00	2	\$ 7,400.00
613-00035 3/4" RIGID STEEL CONDUIT	LF \$ 41.00	100	\$ 4,100.00
613-00036 3/4" NON-METALLIC CONDUIT	LF \$ 34.00	250	\$ 8,500.00
613-00037 1-1/2" NON-METALLIC CONDUIT	LF \$ 35.00	200	\$ 7,000.00
613-00038 UNDERGROUND WIRE 1 COND NO 10	LF \$ 0.90	2250	\$ 2,025.00
613-00039 UNDERGROUND WIRE 1 COND NO 12	LF \$ 1.00	200	\$ 200.00
613-00040 HANDHOLE	EACH \$ 850.00	3	\$ 2,550.00
613-00041 BUILDING ELECTRICAL WORK	LS \$ 5,500.00	1	\$ 5,500.00
613-60800 UTILITY LOCATES	HR \$ 125.00	4	\$ 500.00
614-00011 SIGN PANEL (CLASS 1)	SF \$ 22.00	12	\$ 264.00
614-01503 STEEL SIGN SUPPORT (2-INCH ROUND)(POST & SOCKET)	EACH \$ 31.00	3	\$ 93.00
623-09900 SPRINKLER SYSTEM	LS \$ 162,500.00	1	\$ 162,500.00
626-00001 MOBILIZATION	LS \$ 65,000.00	1	\$ 65,000.00
627-00001 PAVEMENT MARKING PAINT	LS \$ 2,600.00	1	\$ 2,600.00
630-00001 CONSTRUCTION PHASE TRAFFIC CONTROL	LS \$ 6,000.00	1	\$ 6,000.00

Hartford Fire Insurance

\$ 19,500.00	\$ 4,485.00	\$ 77,000.00	\$ 17,710.00
\$ 985.00	\$ 11,820.00	\$ 900.00	\$ 10,800.00
\$ 1,740.00	\$ 10,440.00	\$ 1,440.00	\$ 8,640.00
\$ 8,370.00	\$ 8,370.00	\$ 18,000.00	\$ 18,000.00
\$ 985.00	\$ 11,820.00	\$ 900.00	\$ 10,800.00
\$ 7.95	\$ 1,367.40	\$ 6.00	\$ 1,032.00
\$ 6.60	\$ 3,300.00	\$ 7.00	\$ 3,500.00
\$ 38.50	\$ 731.50	\$ 25.00	\$ 475.00
\$ 17.50	\$ 2,502.50	\$ 10.00	\$ 1,430.00
\$ 10.00	\$ 16,860.00	\$ 8.00	\$ 13,488.00
\$ 2.90	\$ 188.50	\$ 4.10	\$ 266.50
\$ 87.00	\$ 174.00	\$ 90.00	\$ 180.00
\$ 1.15	\$ 474.95	\$ 1.10	\$ 454.30
\$ 282.00	\$ 2,820.00	\$ 390.00	\$ 3,900.00
\$ 44.50	\$ 6,452.50	\$ 60.00	\$ 8,700.00
\$ 47.00	\$ 4,700.00	\$ 78.00	\$ 7,800.00
\$ 63.00	\$ 34,650.00	\$ 40.00	\$ 22,000.00
\$ 17.50	\$ 2,782.50	\$ 12.00	\$ 1,908.00
\$ 3.90	\$ 390.00	\$ 3.00	\$ 300.00
\$ 3,540.00	\$ 7,080.00	\$ 2,100.00	\$ 4,200.00
\$ 290.00	\$ 1,160.00	\$ 90.00	\$ 360.00
\$ 290.00	\$ 290.00	\$ 175.00	\$ 175.00
\$ 521.00	\$ 521.00	\$ 650.00	\$ 650.00
\$ 2,320.00	\$ 2,320.00	\$ 1,900.00	\$ 1,900.00
\$ 11,600.00	\$ 11,600.00	\$ 11,500.00	\$ 11,500.00
\$ 2,900.00	\$ 2,900.00	\$ 10,433.91	\$ 10,433.91
\$ 17,400.00	\$ 17,400.00	\$ 18,500.00	\$ 18,500.00
\$ 475.00	\$ 9,500.00	\$ 480.00	\$ 9,600.00
\$ 608.00	\$ 6,688.00	\$ 610.00	\$ 6,710.00
\$ 33.50	\$ 18,760.00	\$ 33.80	\$ 18,928.00
\$ 52.00	\$ 55,120.00	\$ 54.60	\$ 57,876.00
\$ 423.00	\$ 423.00	\$ 470.00	\$ 470.00
\$ 602.00	\$ 6,020.00	\$ 610.00	\$ 6,100.00
\$ 151.00	\$ 39,260.00	\$ 235.00	\$ 61,100.00
\$ 162.00	\$ 42,120.00	\$ 402.00	\$ 104,520.00
\$ 87.50	\$ 3,850.00	\$ 103.00	\$ 4,532.00
\$ 111.00	\$ 22,200.00	\$ 527.00	\$ 105,400.00
\$ 292.00	\$ 1,752.00	\$ 350.00	\$ 2,100.00
\$ 87.00	\$ 3,741.00	\$ 15.00	\$ 645.00
\$ 1,190.00	\$ 47,600.00	\$ 1,170.00	\$ 46,800.00
\$ 18.50	\$ 1,739.00	\$ 25.00	\$ 2,350.00
\$ 1.65	\$ 4,633.20	\$ 1.90	\$ 5,335.20
\$ 84.00	\$ 2,856.00	\$ 125.00	\$ 4,250.00
\$ 56.50	\$ 2,316.50	\$ 61.00	\$ 2,501.00
\$ 140.00	\$ 1,680.00	\$ 102.00	\$ 1,224.00
\$ 51.00	\$ 408.00	\$ 44.00	\$ 352.00
\$ 33.00	\$ 10,956.00	\$ 19.60	\$ 6,507.20
\$ 31.50	\$ 16,569.00	\$ 28.80	\$ 15,148.80
\$ 32.50	\$ 3,315.00	\$ 24.00	\$ 2,448.00
\$ 37.00	\$ 3,811.00	\$ 36.00	\$ 3,708.00
\$ 1.75	\$ 1,750.00	\$ 1.80	\$ 1,800.00
\$ 81.00	\$ 1,701.00	\$ 85.00	\$ 1,785.00
\$ 4,360.00	\$ 8,720.00	\$ 4,400.00	\$ 8,800.00
\$ 3,310.00	\$ 6,620.00	\$ 3,320.00	\$ 6,640.00
\$ 38.00	\$ 3,800.00	\$ 39.00	\$ 3,900.00
\$ 31.50	\$ 7,875.00	\$ 31.50	\$ 7,875.00
\$ 32.50	\$ 6,500.00	\$ 37.00	\$ 7,400.00
\$ 0.80	\$ 1,800.00	\$ 1.80	\$ 4,050.00
\$ 1.00	\$ 200.00	\$ 1.80	\$ 360.00
\$ 753.00	\$ 2,259.00	\$ 750.00	\$ 2,250.00
\$ 5,070.00	\$ 5,070.00	\$ 6,700.00	\$ 6,700.00
\$ 405.00	\$ 1,620.00	\$ 800.00	\$ 3,200.00
\$ 21.00	\$ 252.00	\$ 35.00	\$ 420.00
\$ 290.00	\$ 870.00	\$ 175.00	\$ 525.00
\$ 22,000.00	\$ 22,000.00	\$ 21,800.00	\$ 21,800.00
\$ 45,800.00	\$ 45,800.00	\$ 102,000.00	\$ 102,000.00
\$ 1,740.00	\$ 1,740.00	\$ 1,800.00	\$ 1,800.00
\$ 11,600.00	\$ 11,600.00	\$ 27,900.00	\$ 27,900.00

ENGINEERS ESTIMATE OF CONSTRUCTION COST CCT

\$682,757.00

\$603,094.55

\$ 856,912.91

NOTES:

1. Construction Management and inspection to be provided by City staff.
2. Plans currently at 100%.
3. Costs are in 2015 dollars.