

Bear Creek Park Pedestrian Bridge

City and County of Denver

Estimate of Probable Construction Costs

February 1, 2005

Estimate of Probable Construction Costs February 1, 2005						Goodland Construction Hartford Fire Insurance Co.		W.J. Shirley, Inc. Arch Insurance Company		Technology Constructors, Inc. Employers Mutual Casualty Co.	
ITEM #	ITEM	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
01025-1	Mobilization	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 7,500.00	\$ 7,500.00	\$ 20,000.00	\$ 20,000.00	\$ 10,500.00	\$ 10,500.00
01025-2	Irrigation Potholing	EA	3	\$ 250.00	\$ 750.00	\$ 150.00	\$ 450.00	\$ 100.00	\$ 300.00	\$ 175.00	\$ 525.00
01025-3	Permanent Sign	EA	2	\$ 1,750.00	\$ 3,500.00	\$ 475.00	\$ 950.00	\$ 750.00	\$ 1,500.00	\$ 375.00	\$ 750.00
01025-4	Construction Sign	EA	4	\$ 500.00	\$ 2,000.00	\$ 375.00	\$ 1,500.00	\$ 200.00	\$ 800.00	\$ 375.00	\$ 1,500.00
01025-5	Bollard	EA	2	\$ 1,200.00	\$ 2,400.00	\$ 650.00	\$ 1,300.00	\$ 1,500.00	\$ 3,000.00	\$ 675.00	\$ 1,350.00
01025-6	Coir Log	LF	70	\$ 40.00	\$ 2,800.00	\$ 12.50	\$ 875.00	\$ 25.00	\$ 1,750.00	\$ 25.00	\$ 1,750.00
02050-1	Site Preparation and Demolition	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$ 5,000.00	\$ 5,000.00	\$ 14,600.00	\$ 14,600.00
02100-1	Tree Retention and Protection	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 1,650.00	\$ 1,650.00	\$ 1,000.00	\$ 1,000.00	\$ 3,600.00	\$ 3,600.00
02200-1	Earthwork	LS	1	\$ 7,500.00	\$ 7,500.00	\$ 1,250.00	\$ 1,250.00	\$ 5,000.00	\$ 5,000.00	\$ 3,600.00	\$ 3,600.00
02375-1	Riprap and Bedding	CY	95	\$ 75.00	\$ 7,125.00	\$ 85.00	\$ 8,075.00	\$ 100.00	\$ 9,500.00	\$ 224.00	\$ 21,280.00
02400-1	Water, Sediment and Erosion Control	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,000.00	\$ 3,000.00	\$ 1,600.00	\$ 1,600.00
02850-1	Pedestrian Bridge	LS	1	\$ 42,500.00	\$ 42,500.00	\$ 42,250.00	\$ 42,250.00	\$ 42,000.00	\$ 42,000.00	\$ 41,000.00	\$ 41,000.00
02850-2	Approach Railings	LF	32	\$ 225.00	\$ 7,200.00	\$ 205.00	\$ 6,560.00	\$ 200.00	\$ 6,400.00	\$ 158.00	\$ 5,056.00
02920-1	Soil Preparation	SF	3,060	\$ 0.35	\$ 1,071.00	\$ 0.35	\$ 1,071.00	\$ 1.00	\$ 3,060.00	\$ 0.65	\$ 1,989.00
02930-1	Dryland Seed	SF	2,500	\$ 0.25	\$ 625.00	\$ 0.25	\$ 625.00	\$ 0.50	\$ 1,250.00	\$ 0.46	\$ 1,150.00
02930-2	Bluegrass Seed	SF	560	\$ 0.25	\$ 140.00	\$ 0.35	\$ 196.00	\$ 0.50	\$ 280.00	\$ 0.70	\$ 392.00
02930-3	Erosion Control Mat	SF	600	\$ 1.50	\$ 900.00	\$ 0.40	\$ 240.00	\$ 1.00	\$ 600.00	\$ 0.75	\$ 450.00
02950-1	Willow Cuttings	EA	210	\$ 7.00	\$ 1,470.00	\$ 4.50	\$ 945.00	\$ 10.00	\$ 2,100.00	\$ 17.00	\$ 3,570.00
03300-1	Concrete Trail	SF	750	\$ 5.00	\$ 3,750.00	\$ 4.50	\$ 3,375.00	\$ 7.00	\$ 5,250.00	\$ 6.00	\$ 4,500.00
03300-2	Approach Slab	SF	300	\$ 7.25	\$ 2,175.00	\$ 6.00	\$ 1,800.00	\$ 10.00	\$ 3,000.00	\$ 7.50	\$ 2,250.00
03300-3	Abutment Walls, Wing Walls, and Bridge Deck	CY	20	\$ 750.00	\$ 15,000.00	\$ 575.00	\$ 11,500.00	\$ 500.00	\$ 10,000.00	\$ 792.00	\$ 15,840.00
Subtotal					\$ 125,906.00						
Contingency (10%)					\$ 12,590.60						
Total					\$ 138,496.60	\$ 103,112.00		\$ 124,790.00		\$ 137,252.00	

Bear Creek Park Pedestrian Bridge

City and County of Denver

Estimate of Probable Construction Costs

February 1, 2005

Estimate of Probable Construction Costs February 1, 2005						Milestone Construction Svcs., Inc. Fidelity & Deposit Co. of Maryland		Hallmark, Inc. Contractors Bonding & Ins. Co.		Richdell Construction, Inc. Contractors Bonding & Ins. Co.	
ITEM #	ITEM	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
01025-1	Mobilization	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 18,811.00	\$ 18,811.00	\$ 30,000.00	\$ 30,000.00	\$ 6,600.00	\$ 6,600.00
01025-2	Irrigation Potholing	EA	3	\$ 250.00	\$ 750.00	\$ 100.00	\$ 300.00	\$ 150.00	\$ 450.00	\$ 70.00	\$ 210.00
01025-3	Permanent Sign	EA	2	\$ 1,750.00	\$ 3,500.00	\$ 552.00	\$ 1,104.00	\$ 400.00	\$ 800.00	\$ 350.00	\$ 700.00
01025-4	Construction Sign	EA	4	\$ 500.00	\$ 2,000.00	\$ 246.00	\$ 984.00	\$ 100.00	\$ 400.00	\$ 200.00	\$ 800.00
01025-5	Bollard	EA	2	\$ 1,200.00	\$ 2,400.00	\$ 480.00	\$ 960.00	\$ 850.00	\$ 1,700.00	\$ 2,000.00	\$ 4,000.00
01025-6	Coir Log	LF	70	\$ 40.00	\$ 2,800.00	\$ 26.00	\$ 1,820.00	\$ 25.00	\$ 1,750.00	\$ 10.00	\$ 700.00
02050-1	Site Preparation and Demolition	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 1,478.00	\$ 1,478.00	\$ 5,000.00	\$ 5,000.00	\$ 15,900.00	\$ 15,900.00
02100-1	Tree Retention and Protection	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 2,566.00	\$ 2,566.00	\$ 2,000.00	\$ 2,000.00	\$ 1,300.00	\$ 1,300.00
02200-1	Earthwork	LS	1	\$ 7,500.00	\$ 7,500.00	\$ 3,360.00	\$ 3,360.00	\$ 6,000.00	\$ 6,000.00	\$ 8,600.00	\$ 8,600.00
02375-1	Riprap and Bedding	CY	95	\$ 75.00	\$ 7,125.00	\$ 121.00	\$ 11,495.00	\$ 200.00	\$ 19,000.00	\$ 100.00	\$ 9,500.00
02400-1	Water, Sediment and Erosion Control	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 906.00	\$ 906.00	\$ 1,500.00	\$ 1,500.00	\$ 5,000.00	\$ 5,000.00
02850-1	Pedestrian Bridge	LS	1	\$ 42,500.00	\$ 42,500.00	\$ 34,792.00	\$ 34,792.00	\$ 37,000.00	\$ 37,000.00	\$ 48,000.00	\$ 48,000.00
02850-2	Approach Railings	LF	32	\$ 225.00	\$ 7,200.00	\$ 206.00	\$ 6,592.00	\$ 180.00	\$ 5,760.00	\$ 150.00	\$ 4,800.00
02920-1	Soil Preparation	SF	3,060	\$ 0.35	\$ 1,071.00	\$ 0.66	\$ 2,019.60	\$ 1.50	\$ 4,590.00	\$ 0.20	\$ 612.00
02930-1	Dryland Seed	SF	2,500	\$ 0.25	\$ 625.00	\$ 0.48	\$ 1,200.00	\$ 0.50	\$ 1,250.00	\$ 0.50	\$ 1,250.00
02930-2	Bluegrass Seed	SF	560	\$ 0.25	\$ 140.00	\$ 0.72	\$ 403.20	\$ 0.60	\$ 336.00	\$ 0.50	\$ 280.00
02930-3	Erosion Control Mat	SF	600	\$ 1.50	\$ 900.00	\$ 0.78	\$ 468.00	\$ 1.50	\$ 900.00	\$ 1.00	\$ 600.00
02950-1	Willow Cuttings	EA	210	\$ 7.00	\$ 1,470.00	\$ 17.40	\$ 3,654.00	\$ 20.00	\$ 4,200.00	\$ 2.00	\$ 420.00
03300-1	Concrete Trail	SF	750	\$ 5.00	\$ 3,750.00	\$ 5.40	\$ 4,050.00	\$ 8.00	\$ 6,000.00	\$ 5.00	\$ 3,750.00
03300-2	Approach Slab	SF	300	\$ 7.25	\$ 2,175.00	\$ 6.60	\$ 1,980.00	\$ 12.00	\$ 3,600.00	\$ 7.00	\$ 2,100.00
03300-3	Abutment Walls, Wing Walls, and Bridge Deck	CY	20	\$ 750.00	\$ 15,000.00	\$ 898.00	\$ 17,960.00	\$ 800.00	\$ 16,000.00	\$ 650.00	\$ 13,000.00
Subtotal					\$ 125,906.00						
Contingency (10%)					\$ 12,590.60						
Total					\$ 138,496.60		\$ 116,902.80		\$ 148,236.00		\$ 128,122.00
						\$ 117,403.00					
						\$ 500.20					

Bear Creek Park Pedestrian Bridge

City and County of Denver

Estimate of Probable Construction Costs

February 1, 2005

						New Design Construction Co. Fidelity & Depost Co. of Maryland		Concrete Express, Inc. Western Surety Company		Concrete Construction Specialties Old Republic Surety Co.	
						UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ITEM #	ITEM	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
01025-1	Mobilization	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 40,000.00	\$ 40,000.00	\$ 21,540.00	\$ 21,540.00	\$ 7,100.00	\$ 7,100.00
01025-2	Irrigation Potholing	EA	3	\$ 250.00	\$ 750.00	\$ 500.00	\$ 1,500.00	\$ 232.00	\$ 696.00	\$ 95.00	\$ 285.00
01025-3	Permanent Sign	EA	2	\$ 1,750.00	\$ 3,500.00	\$ 300.00	\$ 600.00	\$ 1,100.00	\$ 2,200.00	\$ 300.00	\$ 600.00
01025-4	Construction Sign	EA	4	\$ 500.00	\$ 2,000.00	\$ 56.00	\$ 224.00	\$ 429.00	\$ 1,716.00	\$ 135.00	\$ 540.00
01025-5	Bollard	EA	2	\$ 1,200.00	\$ 2,400.00	\$ 1,000.00	\$ 2,000.00	\$ 562.00	\$ 1,124.00	\$ 1,100.00	\$ 2,200.00
01025-6	Coir Log	LF	70	\$ 40.00	\$ 2,800.00	\$ 50.00	\$ 3,500.00	\$ 25.50	\$ 1,785.00	\$ 55.00	\$ 3,850.00
02050-1	Site Preparation and Demolition	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 9,000.00	\$ 9,000.00	\$ 11,296.00	\$ 11,296.00	\$ 7,000.00	\$ 7,000.00
02100-1	Tree Retention and Protection	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 900.00	\$ 900.00	\$ 2,852.00	\$ 2,852.00	\$ 3,900.00	\$ 3,900.00
02200-1	Earthwork	LS	1	\$ 7,500.00	\$ 7,500.00	\$ 6,000.00	\$ 6,000.00	\$ 6,662.00	\$ 6,662.00	\$ 5,200.00	\$ 5,200.00
02375-1	Riprap and Bedding	CY	95	\$ 75.00	\$ 7,125.00	\$ 90.00	\$ 8,550.00	\$ 76.25	\$ 7,243.75	\$ 126.00	\$ 11,970.00
02400-1	Water, Sediment and Erosion Control	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 7,200.00	\$ 7,200.00	\$ 3,335.00	\$ 3,335.00	\$ 2,000.00	\$ 2,000.00
02850-1	Pedestrian Bridge	LS	1	\$ 42,500.00	\$ 42,500.00	\$ 36,000.00	\$ 36,000.00	\$ 39,298.00	\$ 39,298.00	\$ 38,000.00	\$ 38,000.00
02850-2	Approach Railings	LF	32	\$ 225.00	\$ 7,200.00	\$ 715.00	\$ 22,880.00	\$ 212.00	\$ 6,784.00	\$ 178.00	\$ 5,696.00
02920-1	Soil Preparation	SF	3,060	\$ 0.35	\$ 1,071.00	\$ 0.16	\$ 489.60	\$ 0.85	\$ 2,601.00	\$ 0.17	\$ 520.20
02930-1	Dryland Seed	SF	2,500	\$ 0.25	\$ 625.00	\$ 0.06	\$ 150.00	\$ 0.75	\$ 1,875.00	\$ 0.06	\$ 150.00
02930-2	Bluegrass Seed	SF	560	\$ 0.25	\$ 140.00	\$ 1.15	\$ 644.00	\$ 1.25	\$ 700.00	\$ 1.22	\$ 683.20
02930-3	Erosion Control Mat	SF	600	\$ 1.50	\$ 900.00	\$ 0.56	\$ 336.00	\$ 0.75	\$ 450.00	\$ 0.61	\$ 366.00
02950-1	Willow Cuttings	EA	210	\$ 7.00	\$ 1,470.00	\$ 4.45	\$ 934.50	\$ 17.25	\$ 3,622.50	\$ 4.85	\$ 1,018.50
03300-1	Concrete Trail	SF	750	\$ 5.00	\$ 3,750.00	\$ 5.50	\$ 4,125.00	\$ 7.10	\$ 5,325.00	\$ 5.65	\$ 4,237.50
03300-2	Approach Slab	SF	300	\$ 7.25	\$ 2,175.00	\$ 13.00	\$ 3,900.00	\$ 6.90	\$ 2,070.00	\$ 8.55	\$ 2,565.00
03300-3	Abutment Walls, Wing Walls, and Bridge Deck	CY	20	\$ 750.00	\$ 15,000.00	\$ 850.00	\$ 17,000.00	\$ 1,035.00	\$ 20,700.00	\$ 706.00	\$ 14,120.00
Subtotal					\$ 125,906.00						
Contingency (10%)					\$ 12,590.60						
Total					\$ 138,496.60	\$ 165,933.10		\$ 143,875.25		\$ 112,001.40	