

Soda Springs Park			Date:	9/20/2017
Description	Unit Cost	Unit Measure	Quantity	Total
DEMOLITION				
Temporary Fencing (construction)	\$2.50	LF	1,000	\$2,500.00
Construction Surveying	\$15,000.00	LS	1	\$15,000.00
Demo & Remove Concrete Paving	\$2.50	SF	3,600	\$9,000.00
Clearing & Grubbing	\$5,000.00	LS	1	\$5,000.00
Tree/ Stump Removal	\$1,000.00	EA	2	\$2,000.00
Remove & Reset Ornamental Fence	\$30.00	LF	100	\$3,000.00
Remove & Reset Lighting	\$3,000.00	LS	1	\$3,000.00
Strip & Stockpile Topsoil	\$1,500.00	AC	1.0	\$1,500.00
Earthwork (cut, fill, compact on site material)	\$25,000.00	LS	1	\$25,000.00
Erosion Control	\$15,000.00	LS	1	\$15,000.00
Traffic Control	\$3,000.00	LS	1	\$3,000.00
Demo & Remove Existing Bridge and abutments	\$10,000.00	LS	1	\$10,000.00
Demo & Remove Concrete Play Area Wall	\$30.00	LF	42	\$1,260.00
PLAYGROUND				
Slackline	\$4,000.00	LS	1	\$4,000.00
Dish Swing	\$20,000.00	LS	1	\$20,000.00
Climbing Net Play Feature	\$50,000.00	LS	1	\$50,000.00
Playground Access Ramp	\$1,000.00	EA	4	\$4,000.00
Play area seatwall (18" wide)	\$100.00	LF	40	\$4,000.00
Play area concrete edge wall 10" x36" (colored concrete)	\$65.00	LF	360	\$23,400.00
Playground Surfacing Engineered Wood Fiber (EWF)	\$3.50	SF	2,500	\$8,750.00
Wear Mats	\$150.00	EA	2	\$300.00
SITE FURNISHINGS				
Trail/Interpretive (History) Signage	\$10,000.00	LS	1	\$10,000.00
Ornamental Fence	\$150.00	LF	45	\$6,750.00
Trash Receptacle (Bear Proof)	\$1,200.00	EA	2	\$2,400.00
Picnic Table	\$1,800.00	EA	2	\$3,600.00
Landscape Boulders - Beach	\$65,000.00	EA	1	\$65,000.00
Landscape Boulders/Boulder Seating	\$6,000.00	LS	1	\$6,000.00
Boulder Retaining Wall	\$150.00	LF	50	\$7,500.00
Backed Bench	\$1,400.00	EA	4	\$5,600.00
Monument Sign/ Gateway	\$30,000.00	EA	1	\$30,000.00
Café table and (4) chairs (at pavilion)	\$2,000.00	EA	6	\$12,000.00
SITE CONSTRUCTION				
Concrete Paving - 6" Depth (Colored Textured Concrete)	\$15.00	SF	5,700	\$85,500.00
CIP Concrete Seatwall/ Retaining Wall 12"W x 18"H (colored)	\$150.00	LF	35	\$5,250.00
Crusher Fines - stabilized	\$3.50	SF	5,500	\$19,250.00
Mineral Water Bottle Interactive Water Feature	\$350,000.00	EA	1	\$350,000.00
Flagstone Paving	\$25.00	SF	7,030	\$175,750.00
Turf-pave (Parking)	\$20.00	SF	2,750	\$55,000.00
Bridge	\$150,000.00	LS	1	\$150,000.00
Sandbalsting/Staining/Mosaic at plazas	\$10,000.00	LS	1	\$10,000.00
LANDSCAPE				
Irrigation - Shrubs, Perennials and Grasses	\$1.50	SF	2,340	\$3,510.00
Irrigation - Sod	\$1.50	SF	5,270	\$7,905.00
Top soil - 6" depth (planting areas)	\$50.00	CY	200	\$10,000.00
Soil prep and sod	\$1.00	SF	5,270	\$5,270.00
Trees deciduous, 2 1/2" cal.	\$1,000.00	EA	8	\$8,000.00
Shrubs, perennials, grasses	\$15.00	SF	2,340	\$35,100.00

Rock Mulch - planting beds	\$1.50	SF	2,340	\$3,510.00
UTILITIES - SANITARY SEWER				
New Sanitary Sewer Line (8" assumed) - Water Feature	\$40.00	LF	160	\$6,400.00
Sanitary manhole	\$7,000.00	EA	2	\$14,000.00
UTILITIES - WATER				
Water Line New (water feature)	\$50.00	LF	160	\$8,000.00
Meter and Vault	\$15,000.00	EA	1	\$15,000.00
Water Bottle Filler/Drinking Fountain (at restroom building)	\$6,000.00	EA	1	\$6,000.00
UTILITIES - STORM DRAINAGE SYSTEM				
4" Perf. Pipe Underdrain - Play areas	\$20.00	LF	80	\$1,600.00
Stormwater Drainage	\$20,000.00	LS	1	\$20,000.00
4" Solid PVC Pipe- Underdrain connection to storm line	\$30.00	LF	40	\$1,200.00
UTILITIES - ELECTRICAL / LIGHTING / MECHANICAL				
Security Lighting/Upgrade Lighting	\$15,000.00	LS	1	\$15,000.00
			CONSTRUCTION SUBTOTAL	\$1,369,805.00
ADDITIONAL COSTS				
Bonding & Mobilization - 7.5%	\$102,735.38	LS	1	\$102,735.38
Construction Contingency - 10%	\$136,980.50	LS	1	\$136,980.50
Design Contingency 20%	\$273,961.00	LS	1	\$273,961.00
Soils and Materials Testing- 1.5%	\$20,547.08	LS	1	\$20,547.08
Site Survey (for construction documents)	\$7,500.00	LS	1	\$7,500.00
			SUB TOTAL	\$1,911,528.95
			<i>Design Fees for Construction Documents (10%)</i>	<i>\$191,152.90</i>
			TOTAL	\$2,102,681.85

NOTES

1. Labor and material costs will escalate annually. Assume a cost escalation every year after 2017 on local construction market costs.
2. Assume existing electrical transformer and equipment has adequate capacity for additional park lighting and water feature power.
3. A site survey was not available so earthwork quantities are an estimate. This could impact the cost of earthwork once a survey is completed.
4. Estimate does not include relocation of 'Soda Spring.'
5. Water and sanitary tap costs are not included and would need to be determined with the water feature design.
6. Assumes existing irrigation system can support proposed improvements and no additional irrigation taps or controllers are required.
7. Bridge cost will depend on the geotechnical report and size/complexity of abutments and design of bridge.
8. Water feature cost will depend on size and complexity of the design and is an estimate above to include basin, water feature, and mechanical.

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DEMOLITION				
Temporary Fencing (construction)	\$2.50	LF	500	\$1,250.00
Construction Surveying	\$4,000.00	LS	1	\$4,000.00
Demo & Remove Concrete Paving	\$2.50	SF	600	\$1,500.00
Clearing & Grubbing	\$2,000.00	LS	1	\$2,000.00
Tree/ Stump Removal	\$1,000.00	EA	1	\$1,000.00
Remove & Reset Ornamental Fence	\$30.00	LF	100	\$3,000.00
Strip & Stockpile Topsoil	\$1,500.00	AC	0.3	\$375.00
Earthwork (cut, fill, compact on site material)	\$12,000.00	LS	1	\$12,000.00
Erosion Control	\$5,000.00	LS	1	\$5,000.00
Traffic Control	\$1,500.00	LS	1	\$1,500.00
PLAYGROUND				
Slackline	\$4,000.00	LS	1	\$4,000.00
Climbing Net Play Feature	\$50,000.00	LS	1	\$50,000.00
Playground Access Ramp	\$1,000.00	EA	1	\$1,000.00
Play area concrete edge wall 10" x36" (colored concrete)	\$65.00	LF	300	\$19,500.00
Playground Surfacing Engineered Wood Fiber (EWF)	\$3.50	SF	2,000	\$7,000.00
SITE FURNISHINGS				
Trail/Interpretive (History) Signage	\$500.00	LS	1	\$500.00
Ornamental Fence	\$150.00	LF	45	\$6,750.00
Trash Receptacle (Bear Proof)	\$1,200.00	EA	1	\$1,200.00
Picnic Table	\$1,800.00	EA	1	\$1,800.00
Landscape Boulders - Beach	\$65,000.00	EA	1	\$65,000.00
Landscape Boulders/Boulder Seating	\$3,000.00	LS	1	\$3,000.00
Boulder Retaining Wall	\$150.00	LF	50	\$7,500.00
Backed Bench	\$1,400.00	EA	2	\$2,800.00
SITE CONSTRUCTION				
Concrete Paving - 6" Depth (Colored Textured Concrete)	\$15.00	SF	500	\$7,500.00
CIP Concrete Seatwall/ Retaining Wall 12"W x 18"H (colored)	\$150.00	LF	35	\$5,250.00
Crusher Fines - stabilized	\$3.50	SF	600	\$2,100.00
Flagstone Paving	\$20.00	SF	1,000	\$20,000.00
LANDSCAPE				
Irrigation - Shrubs, Perennials and Grasses	\$1.50	SF	880	\$1,320.00
Top soil - 6" depth (planting areas)	\$50.00	CY	16	\$800.00
Trees deciduous, 2 1/2" cal.	\$1,000.00	EA	2	\$2,000.00
Shrubs, perennials, grasses	\$15.00	SF	880	\$13,200.00
Rock Mulch - planting beds	\$1.50	SF	880	\$1,320.00
UTILITIES - STORM DRAINAGE SYSTEM				
4" Perf. Pipe Underdrain - Play areas	\$20.00	LF	60	\$1,200.00
Stormwater Drainage	\$6,000.00	LS	1	\$6,000.00
4" Solid PVC Pipe- Underdrain connection to storm line	\$30.00	LF	40	\$1,200.00
UTILITIES - ELECTRICAL / LIGHTING / MECHANICAL				
Security Lighting/Upgrade Lighting	\$5,000.00	LS	1	\$5,000.00
CONSTRUCTION SUBTOTAL				\$268,565.00

ADDITIONAL COSTS				
Bonding & Mobilization - 7.5%	\$20,142.38	LS	1	\$20,142.38
Design/Construction Contingency - 20%	\$55,713.00	LS	1	\$55,713.00
Soils and Materials Testing- 1.5%	\$4,028.48	LS	1	\$4,028.48
Site Survey (for construction documents)	\$7,500.00	LS	1	\$7,500.00
SUB TOTAL				\$355,948.85
<i>Design Fees for Construction Documents (10%)</i>				<i>\$35,594.89</i>
TOTAL				\$391,543.74

NOTES

1. See overall cost estimate for notes

Soda Springs Park			Date:	9/20/2017
Description	Unit Cost	Unit Measure	Quantity	Total
DEMOLITION				
Temporary Fencing (construction)	\$2.50	LF	500	\$1,250.00
Construction Surveying	\$4,000.00	LS	1	\$4,000.00
Demo & Remove Concrete Paving	\$2.50	SF	3,000	\$7,500.00
Clearing & Grubbing	\$2,500.00	LS	1	\$2,500.00
Tree/ Stump Removal	\$1,000.00	EA	1	\$1,000.00
Remove & Reset Lighting	\$3,000.00	LS	1	\$3,000.00
Strip & Stockpile Topsoil	\$1,500.00	AC	0.5	\$750.00
Earthwork (cut, fill, compact on site material)	\$6,000.00	LS	1	\$6,000.00
Erosion Control	\$6,000.00	LS	1	\$6,000.00
Traffic Control	\$1,500.00	LS	1	\$1,500.00
PLAYGROUND				
Playground Access Ramp	\$1,000.00	EA	3	\$3,000.00
SITE FURNISHINGS				
Trail/Interpretive (History) Signage	\$2,000.00	LS	1	\$2,000.00
Ornamental Fence	\$150.00	LF	45	\$6,750.00
Trash Receptacle (Bear Proof)	\$1,200.00	EA	1	\$1,200.00
Landscape Boulders/Boulder Seating	\$2,000.00	LS	1	\$2,000.00
Café table and (4) chairs (at pavilion)	\$2,000.00	EA	6	\$12,000.00
SITE CONSTRUCTION				
Concrete Paving - 6" Depth (Colored Textured Concrete)	\$15.00	SF	1,745	\$26,175.00
Crusher Fines - stabilized	\$3.50	SF	2,800	\$9,800.00
Flagstone Paving	\$20.00	SF	4,250	\$85,000.00
Turf-pave (Parking)	\$20.00	SF	2,750	\$55,000.00
Sandbalsting/Staining/Mosaic at plazas	\$3,000.00	LS	1	\$3,000.00
LANDSCAPE				
Irrigation - Shrubs, Perennials and Grasses	\$1.50	SF	760	\$1,140.00
Top soil - 6" depth (planting areas)	\$50.00	CY	14	\$700.00
Trees deciduous, 2 1/2" cal.	\$1,000.00	EA	5	\$5,000.00
Shrubs, perennials, grasses	\$15.00	SF	760	\$11,400.00
Rock Mulch - planting beds	\$1.50	SF	760	\$1,140.00
UTILITIES - WATER				
Water Bottle Filler/Drinking Fountain (at restroom building)	\$6,000.00	EA	1	\$6,000.00
UTILITIES - STORM DRAINAGE SYSTEM				
Stormwater Drainage	\$5,000.00	LS	1	\$5,000.00
UTILITIES - ELECTRICAL / LIGHTING / MECHANICAL				
Security Lighting/Upgrade Lighting	\$7,000.00	LS	1	\$7,000.00
CONSTRUCTION SUBTOTAL				\$276,805.00
ADDITIONAL COSTS				
Bonding & Mobilization - 7.5%	\$20,760.38	LS	1	\$20,760.38
Construction Contingency - 10%	\$27,680.50	LS	1	\$27,680.50
Design Contingency 20%	\$55,361.00	LS	1	\$55,361.00
Soils and Materials Testing- 1.5%	\$4,152.08	LS	1	\$4,152.08
SUB TOTAL				\$384,758.95
<i>Design Fees for Construction Documents (10%)</i>				<i>\$38,475.90</i>
TOTAL				\$423,234.85

NOTES

1. See overall cost estimate for notes

Soda Springs Park			Date: 9/20/2017	
Description	Unit Cost	Unit Measure	Quantity	Total
DEMOLITION				
Temporary Fencing (construction)	\$2.50	LF	500	\$1,250.00
Construction Surveying	\$6,000.00	LS	1	\$6,000.00
Clearing & Grubbing	\$2,500.00	LS	1	\$2,500.00
Remove & Reset Ornamental Fence	\$30.00	LF	100	\$3,000.00
Strip & Stockpile Topsoil	\$1,500.00	AC	0.2	\$300.00
Earthwork (cut, fill, compact on site material)	\$7,000.00	LS	1	\$7,000.00
Erosion Control	\$7,500.00	LS	1	\$7,500.00
Traffic Control	\$1,500.00	LS	1	\$1,500.00
Demo & Remove Existing Bridge and abutments	\$10,000.00	LS	1	\$10,000.00
Demo & Remove Concrete Play Area Wall	\$30.00	LF	42	\$1,260.00
PLAYGROUND				
Dish Swing	\$20,000.00	LS	1	\$20,000.00
Play area seatwall (18" wide)	\$100.00	LF	40	\$4,000.00
Playground Surfacing Engineered Wood Fiber (EWF)	\$3.50	SF	500	\$1,750.00
Wear Mats	\$150.00	EA	2	\$300.00
SITE FURNISHINGS				
Trail/Interpretive (History) Signage	\$7,500.00	LS	1	\$7,500.00
Picnic Table	\$1,800.00	EA	1	\$1,800.00
Landscape Boulders/Boulder Seating	\$1,000.00	LS	1	\$1,000.00
Monument Sign/ Gateway	\$30,000.00	EA	1	\$30,000.00
SITE CONSTRUCTION				
Concrete Paving - 6" Depth (Colored Textured Concrete)	\$15.00	SF	3,455	\$51,825.00
CIP Concrete Seatwall/ Retaining Wall 12"W x 18"H (colored)	\$150.00	LF	35	\$5,250.00
Crusher Fines - stabilized	\$3.50	SF	2,100	\$7,350.00
Mineral Water Bottle Interactive Water Feature	\$350,000.00	EA	1	\$350,000.00
Flagstone Paving	\$25.00	SF	1,780	\$44,500.00
Bridge	\$150,000.00	LS	1	\$150,000.00
Sandbalsting/Staining/Mosaic at plazas	\$7,000.00	LS	1	\$7,000.00
LANDSCAPE				
Irrigation - Shrubs, Perennials and Grasses	\$1.50	SF	700	\$1,050.00
Irrigation - Sod	\$1.50	SF	5,270	\$7,905.00
Top soil - 6" depth (planting areas)	\$50.00	CY	90	\$4,500.00
Soil prep and sod	\$1.00	SF	5,270	\$5,270.00
Trees deciduous, 2 1/2" cal.	\$1,000.00	EA	1	\$1,000.00
Shrubs, perennials, grasses	\$15.00	SF	700	\$10,500.00
Rock Mulch - planting beds	\$1.50	SF	700	\$1,050.00

UTILITIES - SANITARY SEWER				
New Sanitary Sewer Line (8" assumed) - Water Feature	\$40.00	LF	160	\$6,400.00
Sanitary manhole	\$7,000.00	EA	2	\$14,000.00
UTILITIES - WATER				
Water Line New (water feature)	\$50.00	LF	160	\$8,000.00
Meter and Vault	\$15,000.00	EA	1	\$15,000.00
UTILITIES - STORM DRAINAGE SYSTEM				
4" Perf. Pipe Underdrain - Play areas	\$20.00	LF	20	\$400.00
Stormwater Drainage	\$9,000.00	LS	1	\$9,000.00
UTILITIES - ELECTRICAL / LIGHTING / MECHANICAL				
Security Lighting/Upgrade Lighting	\$3,000.00	LS	1	\$3,000.00
CONSTRUCTION SUBTOTAL				\$809,660.00
ADDITIONAL COSTS				
Bonding & Mobilization - 7.5%	\$60,724.50	LS	1	\$60,724.50
Construction Contingency - 10%	\$80,966.00	LS	1	\$80,966.00
Design Contingency 20%	\$161,932.00	LS	1	\$161,932.00
Soils and Materials Testing- 1.5%	\$12,144.90	LS	1	\$12,144.90
SUB TOTAL				\$1,125,427.40
<i>Design Fees for Construction Documents (10%)</i>				<i>\$112,542.74</i>
TOTAL				\$1,237,970.14

NOTES

1. See overall cost estimate for notes