

Sgt. Brad Crawford Park

Jan 12, 2007

10% Construction Cost Estimate

						<b>\$314,000 GCPD FUNDED FEATURES</b>	<b>\$277,500 FUTURE MEMORIAL FEATURES</b>
<i>CSI Sec.</i>	<i>ITEM</i>	<i>QTY.</i>	<i>UNIT</i>	<i>UNIT COST</i>	<i>REMARKS</i>		
<b>02200</b>	<b>SITE PREPARATION &amp; DEMOLITION</b>					<b>\$ 55,800</b>	
	Mobilization	1	LS	\$10,000.00			
	Small site - relatively clean -6060 sf	106,722	SF	\$0.15			
<b>02300</b>	<b>EARTHWORK</b>					<b>\$ 57,800</b>	
	Allowance For Erosion Control	1	Allow	\$5,000.00			
	Herbicide for existing lawn	1	LS	\$1,000.00			
	Layout & Survey	1	LS	\$4,500.00			
	Rough Grading for Site Work	106,722	SF	\$0.15			
	Finish Grading for all disturbed areas	106,722	SF	\$0.15			
<b>02700</b>	<b>PAVINGS</b>						
	Concrete Paving @ Play Areas & Picnic tables	1,060	SF	\$5.00		<b>\$ 7,200</b>	
	AC Paving @ Main Path	4,750	SF	\$3.75		<b>\$ 24,200</b>	
	Accent Paving @ Plaza	1,202	SF	\$12.00			\$ 19,600
	Boardwalk Pavers @ Main Entry	210	SF	\$42.00	\$22.00 per person for 12"x8" engraved portion incl. install		\$ 12,000
	Concrete Curbs @ Play Area	340	LF	\$16.00		<b>\$ 3,700</b>	\$ 3,700
	Crushed Rock Paving	3,475	SF	\$1.85		<b>\$ 8,700</b>	
<b>02800</b>	<b>SITE IMPROVEMENTS &amp; STRUCTURES</b>						
	Boulders in Waves	222	EA	\$100.00		<b>\$ 15,100</b>	\$ 15,100
	Memorial Plaza Gateway	1	EA	\$25,000.00	incl. stone column, cross member, & words in paving		\$ 34,000
	Information Panels	2	EA	\$3,500.00	incl. graphic design, porcelain enamel fabrication & installation		\$ 9,500
	Pavilion	200	SF	\$110.00	20' x 10' in arc shape		\$ 29,900
<b>02870</b>	<b>SITE FURNISHINGS</b>						
	Picnic Tables	2	EA	\$1,000.00		<b>\$ 2,700</b>	
	Park Rules Sign	2	EA	\$200.00		<b>\$ 500</b>	
	Park Entry sign	1	EA	\$1,800.00		<b>\$ 2,400</b>	
	Benches - Standard	4	EA	\$800.00		<b>\$ 4,400</b>	
	Benches - Memorial Plaza	4	EA	\$900.00			\$ 4,900
	Trash Receptacle	2	EA	\$600.00		<b>\$ 1,600</b>	
	Bike Rack	1	EA	\$500.00		<b>\$ 700</b>	
<b>02881</b>	<b>PLAYGROUND EQUIPMENT</b>						
	Play Structures	1	Allow	\$68,500.00	Slide, climbing net, etc. Incl. install.	<b>\$ 46,600</b>	\$ 46,600
	Climbing Wall	400	SF	\$100.00	incl. installation by GeoSculpt		\$ 54,400
	Wood Chip Play Surface	230	CY	\$16.00	1500 @16" depth	<b>\$ 2,500</b>	\$ 2,500
<b>02810</b>	<b>IRRIGATION</b>					<b>\$ 35,700</b>	
	Fully Automatic Irrigation	35,000	SF	\$0.75	Interior Lawn area only		

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<b>02920</b>	<b>SOIL PREPARATION</b>					<b>\$ 16,900</b>	
	Soil Preparation - includes amendments	82,715	SF	\$0.15			
<b>02900</b>	<b>PLANTING</b>						
	Shrub/Groundcover planting	27,715	SF	\$1.00	Installed Costs w/ Warranty Period		\$ 37,700
	Seeded Lawn	35,000	SF	\$0.05		<b>\$ 2,400</b>	
	Rough Seeded Lawn	47,715	SF	\$0.05		<b>\$ 3,200</b>	
	Trees - Evergreen 8'-10'	31	EA	\$200.00	Installed Costs w/ Warranty Period		\$ 8,400
	Trees - Deciduous 2" caliper	43	EA	\$250.00	Installed Costs w/ Warranty Period	<b>\$ 14,600</b>	
	Bark mulch - 2" deep	300	CY	\$25.00	In shrub areas	<b>\$ 5,100</b>	\$ 5,100
	<b>UTILITIES</b>						
	Electric to Controller	1	Allow	\$5,000.00		<b>\$ 6,800</b>	
	Lighting @ Memorial Plaza	1	Allow	\$5,000.00			\$ 6,800
<b>Subtotal:</b>							
	Design Contingency			15.0%			
	WA sales tax			8.2%			
					Products estimated to be 40% of total constructed cost.		
	<b>Estimated Base Construction Cost</b>					<b>\$ 318,800</b>	<b>\$ 290,300</b>
<b>Additional Cost Factors:</b>							
	Inflation to Project Midpoint			5.0%			
	Construction Contingency			10.0%			
	G.C. General Conditions			0.0%	Included in unit prices		
	G.C. Bond & Insurance			0.0%	Included in unit prices		
	G.C. Overhead & Profit			0.0%	Included in unit prices		
<b>ASSUMPTIONS:</b>							
	1. Prevailing Wage Labor Rates Apply						
	2. Donated shrub & tree planting labor by Neighborhood Association credit					<b>\$ (4,900)</b>	\$ (12,800)
	3. All materials include labor, installation, and warranty period costs						
	4. Other opportunities for cost reductions exist through donated materials, services, and labor but need further discussion to quantify actual savings						
	<b>Total Estimated</b>					<b>\$ 313,900</b>	<b>\$ 277,500</b>