

City of Franklin Neighborhood Park					BWSC	
Opinion of Probable Construction Costs					BANKS	
Generic Concept Plan for 5 Acre Park					CONSTRUCTION	
April, 2015					ENGINEERS & ARCHITECTS, INC.	
Description	Qty.	Unit	Unit Price	Total		
<b>Site Preparation</b>						
Clearing & Grubbing	2.5	AC	\$1,500.00	\$3,750.00		
Earthwork - Excavation	6,050	CY	\$6.00	\$36,300.00		
Erosion Control	1	AL	\$10,000.00	\$10,000.00		
<b>Subtotal Site Preparation</b>				<b>\$50,050.00</b>		
<b>Pavement</b>						
Standard Duty Asphalt - Entry Drive and 30 Space Parking Lot	1,528	SY	\$17.50	\$26,740.00		
Aggregate	1,528	SY	\$10.50	\$16,044.00		
Pavement Markings	1	AL	\$2,000.00	\$2,000.00		
Concrete Extruded Curb	752	LF	\$8.00	\$6,016.00		
Traffic/Parking Signage	1	LS	\$1,000.00	\$1,000.00		
6" Concrete Sidewalks	400	SF	\$6.00	\$2,400.00		
8" Concrete Sidewalks	6,800	SF	\$6.00	\$39,600.00		
8" Asphalt Trail	1,066	SY	\$24.00	\$25,584.00		
<b>Subtotal Pavement</b>				<b>\$119,384.00</b>		
<b>Water</b>						
4" DIP Domestic Water Pipe	120	LF	\$25.00	\$3,000.00		
Water Meter	1	EA	\$2,000.00	\$2,000.00		
Fire Hydrant Assembly	1	EA	\$6,500.00	\$6,500.00		
Backflow Preventer	2	EA	\$4,000.00	\$8,000.00		
Hot Box	1	AL	\$4,000.00	\$4,000.00		
<b>Subtotal Water</b>				<b>\$23,500.00</b>		
<b>Sanitary Sewer</b>						
6" PVC Sanitary Line	120	LF	\$35.00	\$4,200.00		
4" Dia. Sanitary Manhole	1	EA	\$6,000.00	\$6,000.00		
Cleanout	1	EA	\$50.00	\$50.00		
<b>Subtotal Sanitary Sewer</b>				<b>\$10,250.00</b>		
<b>Storm Water</b>						
18" RCP	200	LF	\$100.00	\$20,000.00		
Catch Basins	2	EA	\$3,000.00	\$6,000.00		
Headwalls	2	EA	\$2,800.00	\$5,600.00		
<b>Subtotal Storm Water</b>				<b>\$31,600.00</b>		
<b>Site Lighting &amp; Electrical</b>						
Parking Lot Lights - Single Head	4	EA	\$5,650.00	\$22,600.00		
Asphalt Walking Trail Lighting at 50' on center	24	EA	\$4,000.00	\$96,000.00		
Area Lighting Single Head	4	EA	\$4,000.00	\$16,000.00		
1" PVC Conduit	2,000	LF	\$15.50	\$31,000.00		
Wire	8,000	LF	\$5.90	\$47,200.00		
Site Electrical Distribution	1	LS	\$10,000.00	\$10,000.00		
<b>Subtotal Site Lighting &amp; Electrical</b>				<b>\$228,800.00</b>		
<b>Buildings/Structures</b>						
30' x 40' Pavilion With Slab	1,200	SF	\$85.00	\$96,000.00		
Restroom attached to Pavilion	300	SF	\$150.00	\$45,000.00		
<b>Subtotal Buildings/Structures</b>				<b>\$141,000.00</b>		
<b>Site Amenities</b>						
Playground With Rubberized Surface	1	LS	\$100,000.00	\$100,000.00		
Playground Seating Shade Cover	1	AL	\$15,000.00	\$15,000.00		
Basketball court	1	AL	\$40,000.00	\$40,000.00		
Benches With Pad	6	EA	\$1,500.00	\$9,000.00		
Trash Receptacles	3	EA	\$1,200.00	\$3,600.00		
Drinking Fountain	1	EA	\$5,000.00	\$5,000.00		
Picnic Tables, Grill, Trash receptacle	4	EA	\$4,000.00	\$16,000.00		
Bike Rack	1	EA	\$1,500.00	\$1,500.00		
<b>Subtotal Site Amenities</b>				<b>\$196,100.00</b>		
<b>Landscaping</b>						
Canopy Trees	40	EA	\$400.00	\$16,000.00		
Ornamental Trees	20	EA	\$250.00	\$5,000.00		
Shrubs	170	EA	\$24.00	\$4,080.00		
Groundcover	100	EA	\$10.00	\$1,000.00		
Seed	3	AC	\$4,800.00	\$12,000.00		
Irrigation	100,000	SF	\$0.50	\$50,000.00		
<b>Subtotal Miscellaneous</b>				<b>\$88,080.00</b>		
<b>Miscellaneous</b>						
Park Sign	1	AL	\$2,500.00	\$2,500.00		
<b>Subtotal Miscellaneous</b>				<b>\$2,500.00</b>		
				<b>Subtotal</b>	<b>\$850,464.00</b>	
				<b>Contractor General Conditions &amp; Mobilization @ 8%</b>	<b>\$68,037.12</b>	
				<b>Subtotal</b>	<b>\$918,501.12</b>	
				<b>10% Contingency</b>	<b>\$137,775.17</b>	
				<b>Subtotal</b>	<b>\$1,056,276.29</b>	
				<b>Survey and Design</b>	<b>\$126,755.15</b>	
				<b>Design and Construction Total</b>	<b>\$1,183,031.44</b>	
<b>Legend</b>						
EA	Each					
LS	Lump Sum					
AL	Allowance					
SF	Square feet					
AC	Acre					