

**Commonwealth of Pennsylvania
Department of Conservation and Natural Resources
Bureau of Recreation and Conservation**

**PROBABLE COSTRUCTION COST OPINION
*Community Building - Module A***

Grantee: Oxford Area Recreation Authority
Project Title: Oxford Regional Park

Date Prepared 8/23/2005
DCNR Project No.

Item No.	Work Item	No. of Units	Unit Cost	Total Cost
1	Demolition/Site Preperation			\$750.00
	A. General Demolition	1 LS	\$750.00	\$750.00
2	Earthwork			\$221,500.00
	A. Strip/Stockpile/Replace Topsoil	4,500 CY	\$3.00	\$13,500.00
	B. Bulk Cut	32,000 CY	\$2.50	\$80,000.00
	C. Bulk Fill	32,000 CY	\$4.00	\$128,000.00
3	Erosion Control Measures			\$22,170.00
	A. 18" Silt Fence	200 LF	\$1.80	\$360.00
	B. 30" Silt Fence	400 LF	\$3.00	\$1,200.00
	C. Super Silt Fence	500 LF	\$4.50	\$2,250.00
	D. Rock Filter Outlet	2 EA	\$150.00	\$300.00
	E. Diversion/Interceptor Swales	600 SY	\$2.50	\$1,500.00
	F. Stabilized Construction Entrance	1 EA	\$850.00	\$850.00
	G. Temporary Seeding	15,000 SF	\$0.08	\$1,200.00
	H. Rock Filter	2 EA	\$250.00	\$500.00
	I. Permanent Swales	1,500 LF	\$4.60	\$6,900.00
	J. Inlet Protection	4 EA	\$100.00	\$400.00
	K. Outlet Protection	2 EA	\$250.00	\$500.00
	L. 15" CMP	55 LF	\$22.00	\$1,210.00
	M. Slope Lining (Curlex)	2,000 SY	\$2.50	\$5,000.00
4	8' Bituminous Trail			\$35,425.00
	A. Excavation	75 CY	\$3.00	\$225.00
	B. Bituminous Paving and Base	1,600 SY	\$22.00	\$35,200.00
5	Multi-purpose Field			\$3,600.00
	A. Fine Grade and Compaction	1200 CY	\$3.00	\$3,600.00
6	Concrete Walks/Plaza Areas			\$15,750.00
	A. Concrete Pavement	1,500 SF	\$6.00	\$9,000.00
	B. Decorative pavers	750 SY	\$9.00	\$6,750.00
7	Access Drive and Parking			\$26,700.00
	A. Bituminous Pavement and Base	1,050 SY	\$22.00	\$23,100.00
	B. Concrete Curb	200 LF	\$18.00	\$3,600.00
8	Stormwater Facilities			\$63,917.00
	A. Type 'M' Inlets	3 EA	\$1,200.00	\$3,600.00
	B. Type 'C' Inlets	3 EA	\$1,500.00	\$4,500.00
	C. 2' x 2' Yard Inlets	4 EA	\$732.00	\$2,928.00
	D. Flared End Sections	3 EA	\$244.00	\$732.00
	E. Type DW Endwall	1 EA	\$977.00	\$977.00
	F. Manhole	3 EA	\$1,270.00	\$3,810.00
	G. 8" SLCPP Pipe	50 LF	\$13.00	\$650.00
	H. 15" SLCPP Pipe	100 LF	\$24.00	\$2,400.00
	I. 18" SLCPP Pipe	60 LF	\$26.00	\$1,560.00
	J. 24" SLCPP Pipe	80 LF	\$32.00	\$2,560.00
	K. 30" SLCPP Pipe	100 LF	\$40.00	\$4,000.00
	L. Level Spreader	1 EA	\$1,200.00	\$1,200.00
	M. Sotrmwater Management Facility	1 LS	\$35,000.00	\$35,000.00

9	Site Amenities			\$13,438.00
	A. Benches	4 EA	\$1,000.00	\$4,000.00
	B. 22 gal Trash Receptacle	3 EA	\$700.00	\$2,100.00
	C. Water Fountain	2 EA	\$3,369.00	\$6,738.00
	D. Bollards	4 EA	\$150.00	\$600.00
10	Landscaping			\$31,150.00
	A. Lawn Seeding	105,000 SF	\$0.07	\$7,350.00
	B. Athletic Field Seeding	140,000 SF	\$0.10	\$14,000.00
	C. Evergreen Trees	6 EA	\$250.00	\$1,500.00
	D. Shade Trees	10 EA	\$350.00	\$3,500.00
	E. Flowering Trees	10 EA	\$250.00	\$2,500.00
	F. Shrubs	25 EA	\$50.00	\$1,250.00
	G. Perennials / Grasses	35 EA	\$30.00	\$1,050.00
11	Park Entrance Sign			\$5,000.00
	A. Entrance Sign	1 LS	\$5,000.00	\$5,000.00
12	Pedestrian Bridge (Oxford Bypass)			\$25,000.00
	A. Pedestrian Bridge	1 LS	\$25,000.00	\$25,000.00
13	Professional Services			\$49,652.00
	A. Survey	1 LS	\$12,500.00	\$12,500.00
	B. Design and Engineering Fees	1 LS	\$37,152.00	\$37,152.00
14	Bond Mobilization and Layout			\$41,124.16
	A. Bond Mobilization and Layout	1 LS	\$41,124.16	\$41,124.16
15	Contingency			\$44,354.09
	A. 10% Contingency	1 LS	\$44,354.093	\$44,354.09
	Total			\$599,530.25

Cost estimate does not include any utility connection fees, sewer and water service, off site utility extension, utility location and/or relocation, removal of unsuitable materials, soil ammendments, scoreboard, import of fill material, bleachers, and construction inspection fees.

YSM is not a construction contractor and therefore probable construction cost opinions are based solely upon our experience with construction. This requires YSM to make a number of assumptions as to actual conditions which will be encountered on the site; the specific decisions of other design professionals engaged; the means and methods of construction the contractor will employ; contractors' techniques in determining prices and market conditions at the time, and other factors over which YSM has no control. Given these assumptions which must be made, YSM states that the above probable construction cost opinion is a fair and reasonable estimate for construction costs.

**Commonwealth of Pennsylvania
Department of Conservation and Natural Resources
Bureau of Recreation and Conservation**

**PROBABLE COSTRUCTION COST OPINION
Community Building - Module B**

Grantee: Oxford Area Recreation Authority
Project Title: Oxford Regional Park

Date Prepared 7/26/2005
DCNR Project No.

Item No.	Work Item	No. of Units	Unit Cost	Total Cost
1	Demolition/Site Preperation			\$3,562.50
	A. Clump Vegetation Removal	1 EA	\$350.00	\$350.00
	B. Individual Tree Removal	4 EA	\$250.00	\$1,000.00
	C. Clearing and Grubbing	1 AC	\$3,900.00	\$1,950.00
	D. Remove Gravel Drive	50 CY	\$5.25	\$262.50
2	Earthwork			\$44,450.00
	A. Strip/Stockpile/Replace Topsoil	2,900 CY	\$3.00	\$8,700.00
	B. Bulk Cut	5,500 CY	\$2.50	\$13,750.00
	C. Bulk Fill	5,500 CY	\$4.00	\$22,000.00
3	Erosion Control Measures			\$20,660.00
	A. 18" Silt Fence	200 LF	\$1.80	\$360.00
	B. 30" Silt Fence	200 LF	\$3.00	\$600.00
	C. Super Silt Fence	200 LF	\$4.50	\$900.00
	D. Rock Filter Outlet	4 EA	\$150.00	\$600.00
	E. Diversion/Interceptor Swales	700 SY	\$2.50	\$1,750.00
	F. Stabilized Construction Entrance	1 EA	\$850.00	\$850.00
	G. Sediment Trap	1 EA	\$3,500.00	\$3,500.00
	H. Temporary Seeding	20,000 SF	\$0.08	\$1,600.00
	I. Rock Filter	2 EA	\$250.00	\$500.00
	J. Permanent Swales	1,500 LF	\$4.60	\$6,900.00
	K. Inlet Protection	4 EA	\$100.00	\$400.00
	L. Outlet Protection	2 EA	\$250.00	\$500.00
M. 15" CMP	100 LF	\$22.00	\$2,200.00	
4	8' Bituminous Trail			\$18,850.00
	A. Excavation	50 CY	\$3.00	\$150.00
	B. Bituminous Paving and Base	850 SY	\$22.00	\$18,700.00
5	Tot Lot (Ages 2-5)			\$41,135.00
	A. Play Equipment	1 LS	\$20,000.00	\$20,000.00
	B. Play Equipment Installation	1 LS	\$8,000.00	\$8,000.00
	C. Excavation Fine Grade and Compaction	200 CY	\$3.30	\$660.00
	D. Concrete Curbing Edging	200 LF	\$18.00	\$3,600.00
	E. Underdrain	100 LF	\$10.00	\$1,000.00
	F. Safety Surface (Mulch)	150 CY	\$27.00	\$4,050.00
G. Stone Base and Filter Fabric	450 SY	\$8.50	\$3,825.00	
6	Youth Playground (Ages 5-12)			\$50,548.00
	A. Play Equipment	1 EA	\$30,000.00	\$30,000.00
	B. Play Equipment Installation	1 LS	\$10,500.00	\$10,500.00
	C. Excavation Fine Grade and Compaction	60 CY	\$3.30	\$198.00
	D. Edging	200 LF	\$10.50	\$2,100.00
	E. Underdrain	100 LF	\$25.00	\$2,500.00
	F. Safety Surface (Mulch)	100 CY	\$27.00	\$2,700.00
G. Stone Base and Filter Fabric	300 SY	\$8.50	\$2,550.00	
7	Concrete Walks/Plaza Areas			\$22,500.00
	A. Concrete Pavement	1,500 SF	\$6.00	\$9,000.00
	B. Decorative pavers	1,500 SY	\$9.00	\$13,500.00

8	Access Drive and Parking			\$229,040.00
	A. Bituminous Pavement and Base	7,670 SY	\$22.00	\$168,740.00
	B. Concrete Curb	3,350 LF	\$18.00	\$60,300.00
9	Stormwater Facilities			\$12,000.00
	A. Stormwater Management	1 LS	\$12,000.00	\$12,000.00
10	Site Amenities			\$17,828.00
	A. Picnic Tables	2 EA	\$420.00	\$840.00
	B. Benches	4 EA	\$1,000.00	\$4,000.00
	C. 22 gal Trash Receptacle	5 EA	\$700.00	\$3,500.00
	D. Water Fountain	2 EA	\$3,369.00	\$6,738.00
	E. Bollards	8 EA	\$150.00	\$1,200.00
	F. Vehicular Gates	1 EA	\$1,550.00	\$1,550.00
11	Pavilions			\$57,200.00
	A. Small Pavilion	1 EA	\$22,000.00	\$22,000.00
	B. Footers	10 EA	\$400.00	\$4,000.00
	C. Installation	2 EA	\$13,500.00	\$27,000.00
	D. Concrete Pad	700 SF	\$6.00	\$4,200.00
12	Landscaping			\$22,700.00
	A. Lawn Seeding	85,000 SF	\$0.07	\$5,950.00
	C. Evergreen Trees	10 EA	\$250	\$2,500.00
	D. Shade Trees	15 EA	\$350	\$5,250.00
	E. Flowering Trees	20 EA	\$250	\$5,000.00
	F. Shrubs	50 EA	\$50	\$2,500.00
	G. Perennials / Grasses	50 EA	\$30	\$1,500.00
13	Park Kiosk			\$4,500.00
	A. Information Kiosk	1 LS	\$4,500	\$4,500.00
14	Professional Services			\$43,597.88
	B. Design and Engineering Fees	1 LS	\$43,598	\$43,597.88
15	Bond Mobilization and Layout			\$43,597.88
	A. Bond Mobilization and Layout	1 LS	\$43,598	\$43,597.88
16	Contingency			\$63,216.93
	A. 10% Contingency	1 LS	\$63,217	\$63,216.93
	Total			\$695,386.19

Cost estimate does not include any utility connection fees, off site utility extension, utility location and/or relocation, removal of unsuitable materials, soil ammendments, scoreboard, import of fill material, bleachers, and construction inspection fees.

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**Commonwealth of Pennsylvania
Department of Conservation and Natural Resources
Bureau of Recreation and Conservation**

**PROBABLE COSTRUCTION COST OPINION
*Community Building - Module C***

Grantee: Oxford Area Recreation Authority
Project Title: Oxford Regional Park

Date Prepared 8/23/2005
DCNR Project No.

Item No.	Work Item	No. of Units	Unit Cost	Total Cost
1	Demolition/Site Preperation			\$7,600.00
	A. Clump Vegetation Removal	2 EA	\$350.00	\$700.00
	B. Individual Tree Removal	12 EA	\$250.00	\$3,000.00
	C. Clearing and Grubbing	1 AC	\$3,900.00	\$3,900.00
2	Earthwork			\$273,500.00
	A. Strip/Stockpile/Replace Topsoil	4,500 CY	\$3.00	\$13,500.00
	B. Bulk Cut	40,000 CY	\$2.50	\$100,000.00
	C. Bulk Fill	40,000 CY	\$4.00	\$160,000.00
3	Erosion Control Measures			\$48,725.00
	A. 18" Silt Fence	700 LF	\$1.80	\$1,260.00
	B. 30" Silt Fence	1,000 LF	\$3.00	\$3,000.00
	C. Super Silt Fence	400 LF	\$4.50	\$1,800.00
	D. Rock Filter Outlet	8 EA	\$150.00	\$1,200.00
	E. Diversion/Interceptor Swales	1,200 SY	\$2.50	\$3,000.00
	F. Stabilized Construction Entrance	1 EA	\$850.00	\$850.00
	G. Sediment Basin	1 EA	\$8,500.00	\$8,500.00
	H. Temporary Seeding	35,000 SF	\$0.08	\$2,800.00
	I. Rock Filter	2 EA	\$250.00	\$500.00
	J. Sediment Basin Skimmer	1 LS	\$1,575.00	\$1,575.00
	K. Anti-vortex Device	1 LS	\$750.00	\$750.00
	L. Permanent Swales	1,400 LF	\$4.60	\$6,440.00
	M. Inlet Protection	4 EA	\$100.00	\$400.00
	N. Outlet Protection	4 EA	\$250.00	\$1,000.00
	O. 15" CMP	100 LF	\$22.00	\$2,200.00
	P. Emergency Spillway Lining	200 SY	\$6.00	\$1,200.00
	Q. Slope Lining (Curlex)	3,500 SY	\$2.50	\$8,750.00
	R. Sediment Trap	1 LS	\$3,500.00	\$3,500.00
4	8' Bituminous Trail			\$14,160.00
	A. Excavation	320 CY	\$3.00	\$960.00
	B. Bituminous Paving and Base	600 SY	\$22.00	\$13,200.00
5	6'- Stone Dust Trail			\$6,600.00
	A. Excavation	300 CY	\$3.00	\$900.00
	B. 2A Stone 6" Deep	600 SY	\$6.50	\$3,900.00
	C. Stone Dust, 1" Choked In	900 LF	\$2.00	\$1,800.00
6	Concrete Walks/Plaza Areas			\$10,500.00
	A. Concrete Pavement	1,000 SF	\$6.00	\$6,000.00
	B. Decorative pavers	500 SY	\$9.00	\$4,500.00
7	Access Drive and Parking			\$125,000.00
	A. Bituminous Pavement and Base	3,800 SY	\$22.00	\$83,600.00
	B. Concrete Curb	2,300 LF	\$18.00	\$41,400.00

8	Stormwater Facilities			\$12,000.00
	A. Stormwater Management	1 LS	\$12,000.00	\$12,000.00
9	Site Amenities			\$16,850.00
	A. Benches	4 EA	\$1,000.00	\$4,000.00
	B. Trash Receptacle	4 EA	\$700.00	\$2,800.00
	C. Vehicular Gates	1 EA	\$1,550.00	\$1,550.00
	D. Flagpole	1 EA	\$8,500.00	\$8,500.00
10	Landscaping			\$24,275.00
	A. Lawn Seeding	82,500 SF	\$0.07	\$5,775.00
	B. Shade Trees	20 EA	\$350.00	\$7,000.00
	C. Flowering Trees	15 EA	\$250.00	\$3,750.00
	D. Shrubs	65 EA	\$50.00	\$3,250.00
	E. Perennials / Grasses	150 EA	\$30.00	\$4,500.00
11	Retaining Walls			\$62,500.00
	A. Modular Retaining Wall System	2,500 SF	\$25.00	\$62,500.00
12	Boardwalks			\$54,000.00
	A. Boardwalks	900 LF	\$60.00	\$54,000.00
13	Campground			\$12,500.00
	A. Campground	1 LS	\$2,000.00	\$2,000.00
	B. Pedestrian Bridge	1 LS	\$10,500.00	\$10,500.00
15	Professional Services			\$53,456.80
	A. Design and Engineering Fees	1 LS	\$53,456.80	\$53,456.80
16	Bond Mobilization and Layout			\$57,733.34
	A. Bond Mobilization and Layout	1 LS	\$57,733.34	\$57,733.34
17	Contingency			\$77,940.01
	A. 10% Contingency	1 LS	\$77,940.01	\$77,940.01
	Total			\$857,340.16

Cost estimate does not include any utility connection fees, off site utility extension, utility location and/or relocation, removal of unsuitable materials, soil ammendments, scoreboard, import of fill material, bleachers, and construction inspection fees.

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**Commonwealth of Pennsylvania
Department of Conservation and Natural Resources
Bureau of Recreation and Conservation**

**PROBABLE COSTRUCTION COST OPINION
*Park Lighting***

Grantee: Oxford Area Recreational Authority
Project Title: Oxford Regional Park

Date Prepared 8/23/2005
DCNR Project No.

Item No.	Work Item	No. of Units	Unit Cost	Total Cost
	Community Building			
1	Site Lighting and Power			\$51,000.00
	A. Electric Service	1 LS	\$18,000.00	\$18,000.00
	B. Electric Distribution	1 LS	\$33,000.00	\$33,000.00
2	Parking Lots			\$29,700.00
	A. Light Standard	11 EA	\$2,700.00	\$29,700.00
3	Field Lighting			\$116,000.00
	A. Multi Purpose Field	1 LS	\$59,400.00	\$59,400.00
	B. Baseball Field	1 LS	\$56,600.00	\$56,600.00
4	Security Lighting			\$9,200.00
	A. Amphitheater	1 LS	\$5,000.00	\$5,000.00
	B. Tot Lot	1 EA	\$1,200.00	\$1,200.00
	C. Pavilion	1 EA	\$400.00	\$400.00
	D. Flagpole	1 EA	\$2,600.00	\$2,600.00
	Community Park 1			
5	Site Lighting and Power			\$45,200.00
	A. Electric Service	1 LS	\$5,200.00	\$5,200.00
	B. Electric Distribution	1 LS	\$40,000.00	\$40,000.00
6	Parking Lots			\$37,800.00
	A. Light Standard	14 EA	\$2,700.00	\$37,800.00
7	Field Lighting			\$115,000.00
	A. Multi Purpose Fields	1 LS	\$115,000.00	\$115,000.00
8	Misc. Lighting			\$2,200.00
	A. Tot Lot	1 EA	\$1,000.00	\$1,000.00
	B. Pavilion	3 EA	\$400.00	\$1,200.00
	Community Park 2			
9	Site Lighting and Power			\$45,200.00
	A. Electric Service	1 LS	\$5,200.00	\$5,200.00
	B. Electric Distribution	1 LS	\$40,000.00	\$40,000.00
10	Parking Lots			\$43,200.00
	A. Light Standard	16 EA	\$2,700.00	\$43,200.00
11	Field Lighting			\$108,000.00
	A. Multi Purpose Field	1 LS	\$59,400.00	\$59,400.00
	B. Tennis Court Lighting	1 EA	\$30,900.00	\$30,900.00
	C. Basketball/Multi-Purpose	1 EA	\$17,700.00	\$17,700.00
12	Security Lighting			\$6,200.00
	A. Tot Lot	1 EA	\$1,600.00	\$1,600.00
	B. Pavilion	5 EA	\$400.00	\$2,000.00
	C. Flagpole	1 EA	\$2,600.00	\$2,600.00

13	Walkway Lighting (parking to fields only) A. Light Standards	20 EA	\$2,700.00	\$54,000.00 \$54,000.00
14	Contingency A. 10% Contingency	1 LS	\$66,270.00	\$66,270.00 \$66,270.00
Total				\$728,970.00

Cost estimate does not include any utility connection fees, off- utility extension, utility location and/or relocation, removal of unsuitable materials, walkway lighting, soil ammendments, scoreboard, import of fill material, bleachers, and construction inspection fees.

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Commonwealth of Pennsylvania
Department of Conservation and Natural Resources
Bureau of Recreation and Conservation
PROBABLE COSTRUCTION COST OPINION
Phase 1 - Grant Proposal

Grantee: Oxford Area Recreation Authority
Project Title: Oxford Regional Park

Date Prepared 8/31/2005
DCNR Project No.

Item No.	Work Item	No. of Units	Unit Cost	Total Cost
1	Demolition/Site Preperation			\$4,650.00
	A. Clearing and Grubbing	1 AC	\$3,900.00	\$3,900.00
	B. General Demolition	1 LS	\$750.00	\$750.00
2	Earthwork			\$95,200.00
	A. Strip/Stockpile/Replace Topsoil	1,400 CY	\$3.00	\$4,200.00
	B. Bulk Cut	14,000 CY	\$2.50	\$35,000.00
	C. Bulk Fill	14,000 CY	\$4.00	\$56,000.00
3	Erosion Control Measures			\$44,235.00
	A. 18" Silt Fence	400 LF	\$1.80	\$720.00
	B. 30" Silt Fence	400 LF	\$3.00	\$1,200.00
	C. Super Silt Fence	400 LF	\$4.50	\$1,800.00
	D. Rock Filter Outlet	4 EA	\$150.00	\$600.00
	E. Diversion/Interceptor Swales	900 SY	\$2.50	\$2,250.00
	F. Stabilized Construction Entrance	1 EA	\$850.00	\$850.00
	G. Sediment Basin	1 EA	\$8,500.00	\$8,500.00
	H. Temporary Seeding	25,000 SF	\$0.08	\$2,000.00
	I. Rock Filter	2 EA	\$250.00	\$500.00
	J. Sediment Basin Skimmer	1 LS	\$1,575.00	\$1,575.00
	K. Anti-vortex Device	1 LS	\$750.00	\$750.00
	L. Permanent Swales	1,400 LF	\$4.60	\$6,440.00
	M. Inlet Protection	4 EA	\$100.00	\$400.00
	N. Outlet Protection	4 EA	\$250.00	\$1,000.00
	O. 15" CMP	100 LF	\$22.00	\$2,200.00
	P. Emergency Spillway Lining	200 SY	\$6.00	\$1,200.00
	Q. Slope Lining (Curlex)	3,500 SY	\$2.50	\$8,750.00
R. Sediment Trap	1 LS	\$3,500.00	\$3,500.00	
4	Youth Baseball - (1)			\$15,744.75
	A. Excavation Fine Grade and Compaction	383 CY	\$3.25	\$1,244.75
	B. Infield Mix	150 TON	\$16.00	\$2,400.00
	C. Backstop	1 EA	\$8,000.00	\$8,000.00
	D. Players Benches	2 EA	\$600.00	\$1,200.00
	E. Bases, home plate and pitchers rubber	1 SET	\$500.00	\$500.00
	F. Sideline Fencing	80 LF	\$30.00	\$2,400.00
5	Stormwater Facilities			\$63,917.00
	A. Type 'M' Inlets	3 EA	\$1,200.00	\$3,600.00
	B. Type 'C' Inlets	3 EA	\$1,500.00	\$4,500.00
	C. 2' x 2' Yard Inlets	4 EA	\$732.00	\$2,928.00
	D. Flared End Sections	3 EA	\$244.00	\$732.00
	E. Type DW Endwall	1 EA	\$977.00	\$977.00
	F. Manhole	3 EA	\$1,270.00	\$3,810.00
	G. 8" SLCPP Pipe	50 LF	\$13.00	\$650.00
	H. 15" SLCPP Pipe	100 LF	\$24.00	\$2,400.00
	I. 18" SLCPP Pipe	60 LF	\$26.00	\$1,560.00
	J. 24" SLCPP Pipe	80 LF	\$32.00	\$2,560.00
	K. 30" SLCPP Pipe	100 LF	\$40.00	\$4,000.00
	L. Level Spreader	1 EA	\$1,200.00	\$1,200.00
	M. Sotrmwater Management Facility	1 LS	\$35,000.00	\$35,000.00

6	Landscaping			\$12,750.00
	A. Lawn Seeding	35,000 SF	\$0.07	\$2,450.00
	B. Athletic Field Seeding	40,000 SF	\$0.10	\$4,000.00
	C. Shade Trees	10 EA	\$350.00	\$3,500.00
	D. Flowering Trees	3 EA	\$250.00	\$750.00
	E. Shrubs	20 EA	\$50.00	\$1,000.00
	F. Perennials / Grasses	35 EA	\$30.00	\$1,050.00
7	Park Entrance Sign			\$800.00
	B. DCNR Funding Acknowledgement Sign	1 LS	\$800.00	\$800.00
8	Professional Services			\$33,856.71
	A. Survey	1 LS	\$12,500.00	\$12,500.00
	B. Design and Engineering Fees	1 LS	\$21,356.71	\$21,356.71
9	Bond Mobilization and Layout			\$18,980.74
	A. Bond Mobilization and Layout	1 LS	\$18,980.74	\$18,980.74
	Total			\$290,134.20
<i>Items to be constructed by Township workforce.</i>				
1	8' Bituminous Trail (300 LF)			\$4,610.00
	A. Excavation	70 CY	\$3.00	\$210.00
	B. Bituminous Paving and Base	200 SY	\$22.00	\$4,400.00
2	6'- Stone Dust Trail (1000 LF)			\$4,925.00
	A. Excavation	130 CY	\$3.00	\$390.00
	B. 2A Stone 6" Deep	390 SY	\$6.50	\$2,535.00
	C. Stone Dust, 1" Choked In	1,000 LF	\$2.00	\$2,000.00
3	Access Drive and Parking (14500 sq.ft.)			\$40,260.00
	A. Bituminous Pavement and Base	1,650 SY	\$22.00	\$36,300.00
	B. Concrete Curb	220 LF	\$18.00	\$3,960.00
4	Site Amenities			\$4,100.00
	A. Benches	2 EA	\$1,000.00	\$2,000.00
	B. Trash Receptacle	3 EA	\$700.00	\$2,100.00
5	Campground			\$12,500.00
	A. Campground Area	1 LS	\$2,000.00	\$2,000.00
	B. Pedestrian Bridge	1 LS	\$10,500.00	\$10,500.00
6	Park Entrance Sign			
	A. Entrance Sign	1 LS	\$3,500.00	\$3,500.00
	Total			\$66,395.00

Cost estimate does not include utility connection fees, sewer and water service, off site utility extension, utility location and/or relocation, outfield fencing, removal of unsuitable materials, soil ammendments, scoreboards, import of fill material, bleachers, and construction inspection fees.

YSM is not a construction contractor and therefore probable construction cost opinions are based solely upon our experience with construction. This requires YSM to make a number of assumptions as to actual conditions which will be encountered on the site; the specific decisions of other design professionals engaged; the means and methods of construction the contractor will employ; contractors' techniques in determining prices and market conditions at the time, and other factors over which YSM has no control. Given these assumptions which must be made, YSM states that the above probable construction cost opinion is a fair and reasonable estimate for construction costs.