





































**SCHEMATIC ESTIMATE - Sample C**

**STR CONSULTING**

350 West Ontario Street, Suite 200  
Chicago, Illinois 60610

Project: Cultural Center  
Location: Chicago Suburb  
Owner: Suburb County Forest Preserve  
Architect: \_\_\_\_\_

Date: March 30,2009  
Estimate Type: Schematic  
PCI File Name: chematicSmample#3.xls\Site

No.	Description	Quantity	Unit	Unit Price	Amount	Total
Detailed Cost Breakdown						
A.	Excavation and Demolition					
1	Remove Curbs	300	l.f.	\$5.00	\$1,500.	
2	Remove Paths	4,176	s.f.	\$1.00	\$4,176.	
3	Clean and grub site	18,889	s.y.	\$2.00	\$37,778.	
4	Strip 8" topsoil and stockpile on site for reuse	4,281	c.y.	\$8.00	\$34,252.	
5	Mass grading including detention basins					
	a. Cut	5,000	c.y.	\$4.00	\$20,000.	
	b. Fill	6,500	c.y.	\$4.00	\$26,000.	
	c. Import fill	1,600	c.y.	\$18.00	\$28,800.	
6	De-water existing detention basin	1	allow	\$15,000.00	\$15,000.	
7	Grading around/at new building	1	allow	\$10,000.00	\$10,000.	
8	Erosion & Sedimentation Control	1	allow	\$20,000.00	\$20,000.	
9	Stabilize construction Entrance & Maint.	1	allow	\$10,000.00	\$10,000.	
	Subtotal					\$207,506.
B.	Asphalt Paving					
1	Proof roll paving area	31,500	s.f.	\$0.50	\$15,750.	
2	8" Stone sub-base	875	c.y.	\$28.00	\$24,500.	
3	2" base & 4" wearing asphalt	3,500	s.y.	\$24.00	\$84,000.	
4	Compaction of stone base	3,500	s.y.	\$2.00	\$7,000.	
5	Geotextile??					
	Subtotal					\$131,250.
C.	Site Concrete & Paver Work					
1	Concrete curbs	1,600	l.f.	\$18.00	\$28,800.	
2	Sidewalks with 4" stone base	4,100	s.f.	\$6.00	\$24,600.	
3	Patio with 8" stone base	1,634	s.f.	\$12.00	\$19,608.	
4	Grasscrete Patio with stone base	1,756	s.f.	\$12.00	\$21,072.	
6	Tent pole piers	12	each	\$1,200.00	\$14,400.	
7	New Path - pervious stone	1	allow	\$3,500.00	\$3,500.	
	Subtotal					\$111,980.
D.	Storm Sewer and Drainage					
1	Yard Drain	5	each	\$3,000.00	\$15,000.	
2	Flared End	5	each	\$800.00	\$4,000.	
3	Site Storm Piping	900	l.f.	\$35.00	\$31,500.	
4	Out flows to wetland	3	allow	\$6,000.00	\$18,000.	
5	Rip-rap at detention basins	5	each	\$800.00	\$4,000.	
6	Basin bottoms	37,000	s.f.	\$2.00	\$74,000.	
	Subtotal					\$146,500.
E.	Sanitary Sewer					
1	Manholes	4	each	\$4,000.00	\$16,000.	
2	Connection to building	1	allow	\$2,500.00	\$2,500.	
3	Sewer piping to Green Bay Road	450	l.f.	\$40.00	\$18,000.	
4	Off site sewer and lift station improvements					Not Included
5	Connection to existing sewer	1	allow	\$5,000.00	\$5,000.	
	Subtotal					\$41,500.

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No.	Description	Quantity	Unit	Unit Price	Amount	Total
Detailed Cost Breakdown						
F.	Water Main					
1	New water line	430	l.f.	\$65.00	\$27,950.	
2	New fire hydrant	2	allow	\$4,500.00	\$9,000.	
3	Connection to building and meter	1	allow	\$3,000.00	\$3,000.	
4	Connection to street water main	1	allow	\$8,000.00	\$8,000.	
	Subtotal					\$47,950.
G.	Site Electrical					
1	Incoming four 4" conduit to street to transformer	500	l.f.	\$120.00	\$60,000.	
	a. Cut off existing feeder	1	allow	\$10,000.00	\$10,000.	
	b. Replace existing transformer	1	allow	\$40,000.00	\$40,000.	
	c. Connection & cable from road to transformer				By Nicor	
2	Electrical Vaults	1	allow	\$6,000.00	\$6,000.	
3	Telephone and data conduit	500	l.f.	\$25.00	\$12,500.	
4	Site Lighting					
	a. Parking lot lighting	8	each	\$7,000.00	\$56,000.	
	b. Accent lighting allowance	8	allow	\$5,000.00	\$40,000.	
	c. Conduit and wire allowance	1,000	l.f.	\$11.00	\$11,000.	
	Subtotal					\$235,500.
H.	Natural Gas					
1	New gas main to meter in Program Building	230	l.f.	\$45.00	\$10,350.	
2	Piping & Connection to gas main	1	allow	\$5,000.00	\$5,000.	
	Subtotal					\$15,350.
I.	Landscaping					
1	Topsoil and fine grading - 6" depth	5,833	c.y.	\$14.00	\$81,667.	
2	Ground cover - Sod at 10% area	0	s.f.	\$2.00	\$0.	
3	Ground cover - Seed	105,000	s.f.	\$0.50	\$52,500.	
4	Large trees	15	each	\$600.00	\$9,000.	
5	Medium trees	20	each	\$400.00	\$8,000.	
6	Small trees	35	each	\$300.00	\$10,500.	
7	Shrubs and bushes	1	allow	\$10,000	\$10,000.	
9	Wetland Plantings	1	allow	\$50,000.00	\$50,000.	
10	Bioswales	1	allow	\$30,000.00	\$30,000.	
11	New Paths	1	allow	\$15,000.00	\$15,000.	
12	Restoration of existing	1	allow	\$10,000.00	\$10,000.	
13	Drip Irrigation					
	a. Rainwater Tank Package - Graf	2	each	\$5,000.00	\$10,000.	1700 Gal
	b. Hook-up and Piping	1	allow	\$7,000.00	\$7,000.	
	c. Irrigation @ Ampitheater	18,200	s.f.	\$0.65	\$11,830.	
	Subtotal					\$305,497.

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No.	Description	Quantity	Unit	Unit Price	Amount	Total
Detailed Cost Breakdown						
J.	Site Improvement & Furniture					
1	Street Entrance signs	0	each	\$15,000.00	\$0.	By Owner
2	Directional signage	5	allow	\$700.00	\$3,500.	
3	Parking stall striping	65	stalls	\$30.00	\$1,950.	
4	Re-stripe Existing					NIC
5	Handicapped stall striping and sign	4	stalls	\$500.00	\$2,000.	
6	Shade structures	3	each	\$3,500.00	\$10,500.	Foundations in Conc
7	Feature at turn around island at entry	1	allow	\$15,000.00	\$15,000.	
8	Fencing	201	l.f.	\$20.00	\$4,020.	
9	Flag poles	3	each	\$4,000.00	\$12,000.	
10	Site Furniture					By Owner
Subtotal						\$48,970.