

ESTIMATE

STR CONSULTING

350 West Ontario Street, Suite 200
Chicago, Illinois 60610

Project: Exterior Ramp and Stair Renovation
 Location: Building G
 Owner: State University
 Architect: _____

Date: January 24, 2011
 Schematic Op Estimate Type: Budget
 STRC File Name: chematicSample2.xls\Option 1A

No.	Description	Quantity	Unit	Unit Price	Amount	Total
Estimate Based on the Architect's drawing DSK - Option 1A dated 5/14/10						
COST FOR ADA RAMP - OPTION 1A						
Division 2	Sitework					
02071	Selective Demolition - Site					
1	Remove existing handrails				Existing to remain	
2	Remove existing sidewalk				Existing to remain	
3	Remove grating in ramp grating					
	a. Ironworker (4 men for one day)	32	hours	\$110.00	\$3,520	
	b. Cutting equipment	1	allow	\$500.00	\$500	
	c. Bobcat with operator	1	day	\$600.00	\$600	
	d. Debris removal	3	dumpster	\$500.00	\$1,500	
4	Temporary fence and barricades	100	l.f.	\$25.00	\$2,500	
5	Landscape restoration allowance	1	allow	\$3,000.00	\$3,000	
	Subtotal					\$11,620
Division 3	Concrete Work					
03000	Concrete					
1	Mobilization and set up	16	hours	\$80.00	\$1,280	
2	Ramp*					
	a. 5" Poured in place concrete deck	972	s.f.	\$20.00	\$19,440	
	Subtotal					\$20,720
Division 5	Metals					
05700	Miscellaneous Metals					
1	Continuous angle for ramp deck support	324	l.f.	\$20.00	\$6,480	
2	Modifications to handrails				None	
	Subtotal					\$6,480
Division 9	Finishes					
09900	Painting					
1	Clean & touch up welding marks	1	allow	\$840.00	\$840	
	Subtotal					\$840
	Subtotal Construction Estimate					\$39,660
Division 1	Project Requirements					
01000	Contractor's Overhead and Profit	4%		\$39,660	\$1,586	
01000	General Conditions	15%		\$41,246	\$6,187	
01000	Contingency	20%		\$41,246	\$8,249	
	Subtotal					\$16,023
	TOTAL CONSTRUCTION ESTIMATE RAMP					\$55,683
	*Alternate - Precast ramp deck to match precast stairs					
1	Wausau Tile E-mail quote for precast slab - acid washed surface				\$48,000	
2	Credit for poured in place deck				-\$19,440	
	Net add					\$28,560

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No.	Description	Quantity	Unit	Unit Price	Amount	Total
COST FOR STAIR THREADS - OPTION 1A						
Division 2	Sitework					
02071	Selective Demolition - Site					
1	Remove existing handrails				Existing to remain	
2	Remove existing sidewalk				Existing to remain	
3	Remove stair threads					
	a. Ironworker (2 men for one day)	16	hours	\$110.00		\$1,760
	b. Cutting equipment	1	allow	\$500.00		\$500
	c. Bobcat with operator	1	day	\$600.00		\$600
	d. Debris removal	1	dumpste	\$500.00		\$500
4	Temporary fence and barricades	100	l.f.	\$25.00		\$2,500
5	Landscape restoration allowance	1	allow	\$1,500.00		\$1,500
	Subtotal					\$7,360
Division 3	Concrete Work					
03000	Concrete					
1	Mobilization and set up	4	hours	\$80.00		\$320
2	Precast concrete steps	17	each	\$1,055.56		\$17,944
3	Landing				None	
	Subtotal					\$18,264
Division 5	Metals					
05700	Miscellaneous Metals					
1	Clip angle for stair precast threads	40	each	\$75.00		\$3,000
	Subtotal					\$3,000
Division 9	Finishes					
09900	Painting					
1	Clean & touch up welding marks	1	allow	\$420.00		\$420
	Subtotal					\$420
	Subtotal Construction Estimate					\$29,044
Division 1	Project Requirements					
01000	Contractor's Overhead and Profit	4%		\$29,044		\$1,162
01000	General Conditions	15%		\$30,206		\$4,531
01000	Contingency	20%		\$30,206		\$6,041
	Subtotal					\$11,734
	TOTAL CONSTRUCTION ESTIMATE STAIRS					\$40,778

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Date: January 24, 2011
 Schematic Op Estimate Type: Budget
 STRC File Name: chematicSample2.xls\Option 1B

No.	Description	Quantity	Unit	Unit Price	Amount	Total
Estimate Based on the Architect's drawing DSK - Option 1B dated 5/14/10						
COST FOR ADA RAMP - OPTION 1B						
Division 2	Sitework					
02071	Selective Demolition - Site					
1	Remove existing handrails				Existing to remain	
2	Remove existing sidewalk				Existing to remain	
3	Remove grating in ramp and stair threads					
	a. Ironworker (4 men for one day)	32	hours	\$110.00	\$3,520	
	b. Cutting equipment	1	allow	\$500.00	\$500	
	c. Bobcat with operator	1	day	\$600.00	\$600	
	d. Debris removal	3	dumpster	\$500.00	\$1,500	
4	Temporary fence and barricades	100	l.f.	\$25.00	\$2,500	
5	Landscape restoration allowance	1	allow	\$3,000.00	\$3,000	
	Subtotal					\$11,620
Division 3	Concrete Work					
03000	Concrete					
1	Mobilization and set up	16	hours	\$80.00	\$1,280	
2	Ramp*					
	a. 5" Poured in place concrete deck	972	s.f.	\$20.00	\$19,440	
	Subtotal					\$20,720
Division 5	Metals					
05700	Miscellaneous Metals					
1	Continuous angle for ramp deck support	324	l.f.	\$20.00	\$6,480	
2	Modifications to handrails at building landing	1	allow	\$2,260.00	\$2,260	
	Subtotal					\$8,740
Division 9	Finishes					
09900	Painting					
1	Clean & touch up welding marks	1	allow	\$840.00	\$840	
	Subtotal					\$840
						=====
	Subtotal Construction Estimate					\$41,920
Division 1	Project Requirements					
01000	Contractor's Overhead and Profit	4%		\$41,920	\$1,677	
01000	General Conditions	15%		\$43,597	\$6,540	
01000	Contingency	20%		\$43,597	\$8,719	
	Subtotal					\$16,936
						=====
	TOTAL CONSTRUCTION ESTIMATE RAMP					\$58,856
	*Alternate - Precast ramp deck to match precast stairs					
1	Wausau Tile E-mail quote for precast slab - acid washed surface				\$48,000	
2	Credit for poured in place deck				-\$19,440	
	Net add					\$28,560

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Date: January 24, 2011
 Schematic Op Estimate Type: Budget
 STRC File Name: chematicSample2.xls\Option 1B

No.	Description	Quantity	Unit	Unit Price	Amount	Total
COST FOR NEW STAIRWAY - OPTION 1B						
Division 2	Sitework					
02071	Selective Demolition - Site					
1	Remove existing sidewalk	300	s.f.	\$2.50	\$750	
2	Remove grating in stairway and landing rail					
a.	Ironworker (2 men for one day)	16	hours	\$110.00	\$1,760	
b.	Cutting equipment	1	allow	\$500.00	\$500	
c.	Bobcat with operator	1	day	\$600.00	\$600	
d.	Debris removal	1	dumpste	\$500.00	\$500	
3	Cut old foundation piers to below grade	8	each	\$177.50	\$2,500	
4	Temporary fence and barricades	100	l.f.	\$25.00	\$2,500	
5	Landscape restoration allowance	1	allow	\$3,000.00	\$3,000	
	Subtotal					\$12,110
Division 3	Concrete Work					
03000	Concrete					
1	Mobilization, lay-out, and set up	8	hours	\$80.00	\$640	
2	Sono-tube foundations	8	each	\$540.00	\$4,320	
2	Precast concrete steps	19	each	\$1,055.56	\$20,056	
3	Landing	2	each	\$2,750.00	\$5,500	
4	New sidewalk at bottom of stairway	700	s.f.	\$6.50	\$4,550	
	Subtotal					\$35,066
Division 5	Metals					
05700	Miscellaneous Metals					
1	Steel stair stringer and column support	1	allow	\$12,000.00	\$12,000	
2	New handrails at new stairs	66	l.f.	\$350.00	\$23,100	
3	Modify handrail at existing landing	48	l.f.	\$300.00	\$14,400	
	Subtotal	48				\$49,500
Division 9	Finishes					
09900	Painting					
1	Clean & touch up welding marks	1	allow	\$840.00	\$840	
	Subtotal					\$840
Division 16	Electrical					
1	Relocate bollard displaced by new stair	1	allow	\$560.00	\$560	
	Subtotal					\$560
	Subtotal Construction Estimate					\$98,076
Division 1	Project Requirements					
01000	Contractor's Overhead and Profit	4%		\$98,076	\$3,923	
01000	General Conditions	15%		\$101,999	\$15,300	
01000	Contingency	20%		\$101,999	\$20,400	
	Subtotal					\$39,623
	TOTAL CONSTRUCTION ESTIMATE STAIR					\$137,698

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 Schematic Op Estimate Type: Budget
 STRC File Name: SchematicSample2.xls\Option B

No.	Description	Quantity	Unit	Unit Price	Amount	Total
Estimate Based on the Architect's drawing DSK - Option B dated 5/14/10						
COST FOR ADA RAMP - OPTION B						
Division 2	Sitework					
02071	Selective Demolition					
1	Remove existing handrails at Building Landing	1	allow	\$220.00	\$220	
2	Remove existing sidewalk for connection to new	1	allow	\$250.00	\$250	
3	Remove steel ramp					
	a. Ironworker (6 men for one day)	48	hours	\$110.00	\$5,280	
	b. Cutting equipment	1	allow	\$1,000.00	\$1,000	
	c. Bobcat with operator	1	day	\$600.00	\$600	
	d. Debris removal	6	dumpster	\$500.00	\$3,000	
4	Cut old foundation piers to below grade	32	each	\$177.50	\$2,500	
5	Remove lighting fixtures and cut down concrete bases	5	each	\$365.00	\$2,500	
6	Tree Protection	3	each	\$500.00	\$2,500	
2260	Protected excavation					
1	Barricade and fencing in street	110	l.f.	\$25.00	\$2,750	
2	Dust barricade in building	12	l.f.	\$50.00	\$600	
3	Maintenance and removal of protection	40	hours	\$70.00	\$2,800	
2300	Earthwork					
1	Strip topsoil - Bobcat with operator	4	hours	\$200.00	\$800	
2	Excavate for ramp & stair foundation	178	c.y.	\$20.00	\$3,556	
3	Deposal of excavated material	8.9	loads	\$500.00	\$4,450	
4	Stone back fill at footings	133	c.y.	\$25.00	\$3,333	
5	Engineered fill at ramps and landing	196	c.y.	\$25.00	\$4,899	
6	Poor soils allowance	1	allow	\$7,000.00	\$7,000	
2900	Landscaping					
1	Allowance to re-dress topsoil	78	c.y.	\$20.00	\$1,556	
2	Ground cover	3,238	s.f.	\$4.00	\$12,952	
3	Intensive planting in raised planter	136	s.f.	\$10.00	\$1,360	
4	Grow wall lattice	9	each	\$300.00	\$2,700	
5	Shrubs	20	each	\$175.00	\$3,500	
6	Trees	2	each	\$500.00	\$1,000	
	Subtotal					\$71,106
Division 3	Concrete Work					
03000	Concrete					
1	Mobilization and set up	16	hours	\$80.00	\$1,280	
2	Ramp & stair footings and foundations					
	a. Footings	33	c.y.	\$300.00	\$9,900	
	b. Ramp wall and stair foundations - 8" thick 36" deep	41	c.y.	\$400.00	\$16,400	
	c. Dowel slab & foundation to existing building	12	each	\$150.00	\$1,800	
	d. Intermediate bracing walls	5	c.y.	\$400.00	\$2,000	
4	Slab on Grade					
	a. New sidewalk on grade at ramp	260	s.f.	\$8.00	\$2,080	
	b. Ramp concrete slab	962	s.f.	\$10.00	\$9,620	
5	New light pole & bollard bases	5	each	\$250.00	\$1,250	
6	Concrete accessories					
	a. Architectural finished on exposed concrete wall	1,200	s.f.	\$12.00	\$14,400	
	b. Non-slip ramp surface	962	s.f.	\$2.00	\$1,924	
	Subtotal					\$60,654

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No.	Description	Quantity	Unit	Unit Price	Amount	Total
Division 5	Metals					
05700	Miscellaneous Metals					
1	Ornamental rail along ramp	300	l.f.	\$300.00	\$90,000	
2	Replace existing rail at Building landing	35	l.f.	\$300.00	\$10,500	
	Subtotal					\$100,500
Division 7	Thermal and Moisture Protection					
1	Waterproof and protection board along building	84	s.f.	\$8.00	\$672	
	Subtotal					\$672
Division 9	Finishes					
09900	Painting					
1	Allowance for painting rails	1	allow	\$760.00	\$760	
	Subtotal					\$760
Division 15	Mechanical					
1	Drainage allowance for planters	1	allow	\$440.00	\$440	
	Subtotal					\$440
Division 16	Electrical					
1	Re-install salvaged light fixture	5	each	\$560.00	\$2,800	
	a. U/G conduit & wiring allowance	300	l.f.	\$8.00	\$2,400	
	b. Connection to existing power panel	1	allow	\$560.00	\$560	
2	New lighting					
	a. Landscaped accent lighting	9	each	\$400.00	\$3,600	
	Subtotal					\$9,360
	Subtotal Construction Estimate					\$243,492
Division 1	Project Requirements					
01000	Contractor's Overhead and Profit	4%		\$243,492	\$9,740	
01000	General Conditions	15%		\$253,231	\$37,985	
01000	Contingency	20%		\$253,231	\$50,646	
	Subtotal					\$98,371
	TOTAL CONSTRUCTION ESTIMATE RAMP	300	l.f.	\$1,139.54		\$341,862

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 STRC File Name: SchematicSample2.xls\Option B

No.	Description	Quantity	Unit	Unit Price	Amount	Total
Estimate Based on STR Partners drawing DSK - Option B dated 5/14/10						
COST FOR NEW STAIRWAY - OPTION B						
Division 2	Sitework					
02071	Selective Demolition					
1	Remove existing handrails at Building Landing					See Ramp Cost Above
2	Remove existing sidewalk for connection to new					See Ramp Cost Above
3	Remove steel ramp					
	a. Ironworker (4 men for 1/2 day)	16	hours	\$110.00		\$1,760
	b. Cutting equipment	1	allow	\$500.00		\$500
	c. Bobcat with operator	0.5	day	\$600.00		\$300
	d. Debris removal	3	dumpster	\$500.00		\$1,500
4	Cut old foundation piers to below grade	6	each	\$177.50		\$2,500
5	Remove lighting fixtures and cut down concrete bases					See Ramp Cost Above
6	Tree Protection					See Ramp Cost Above
2260	Protected excavation					
1	Barricade and fencing in street	110	l.f.	\$25.00		\$2,750
2	Maintenance and removal of protection	40	hours	\$70.00		\$2,800
2300	Earthwork					
1	Strip topsoil - Bobcat with operator	4	hours	\$200.00		\$800
2	Excavate for ramp & stair foundation	37	c.y.	\$20.00		\$735
3	Deposal of excavated material	4	loads	\$500.00		\$2,000
4	Stone back fill at footings	28	c.y.	\$28.00		\$772
5	Engineered fill at stairs and landing	49	c.y.	\$28.00		\$1,369
6	Poor soils allowance	1	allow	\$5,000.00		\$5,000
2900	Landscaping					
1	Allowance to re-dress topsoil	9	c.y.	\$24.00		\$222
2	Ground cover	500	s.f.	\$3.00		\$1,500
	Subtotal					\$24,507
Division 3	Concrete Work					
03000	Concrete					
1	Mobilization and set up					See Ramp Cost Above
2	Ramp & stair footings and foundations					
	a. Footings	9	c.y.	\$300.00		\$2,700
	b. Stair foundations - 8" thick 36" deep	10	c.y.	\$400.00		\$3,800
	c. Extended foundation wall on west side of stairway	3	c.y.	\$400.00		\$1,200
	c. Dowel slab & foundation to existing building	12	each	\$150.00		\$1,800
3	Slab on Grade					
	a. New sidewalk at bottom of stairway	700	s.f.	\$6.50		\$4,550
4	Poured on place stairs					
	a. 8' wide threads	22	riser	\$600.00		\$13,200
	b. Landing	48	s.f.	\$25.00		\$1,200
5	New light pole & bollard bases					See Ramp Cost Above
6	Concrete accessories					
	a. Rubbed finished on exposed concrete wall	294	s.f.	\$12.00		\$3,528
	b. Non-slip nosing	22	riser	\$280.00		\$6,160
	Subtotal					\$38,138

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 Schematic Op Estimate Type: Budget
 STRC File Name: SchematicSample2.xls\Option B

No.	Description	Quantity	Unit	Unit Price	Amount	Total
Division 5	Metals					
05700	Miscellaneous Metals					
1	Ornamental free standing rail at east side of stairs	35	l.f.	\$350.00	\$12,128	
2	Wall mounted rail at west side of stairs	35	l.f.	\$45.00	\$1,559	
3	Replace existing rail at Building landing				See Ramp Cost Above	
	Subtotal					\$13,687
Division 7	Thermal and Moisture Protection					
1	Waterproof and protection board along building	96	s.f.	\$8.00	\$768	
	Subtotal					\$768
Division 9	Finishes					
09900	Painting					
1	Allowance for painting rails	1	allow	\$380.00	\$380	
	Subtotal					\$380
Division 16	Electrical					
1	Recessed step lighting	11	each	\$350.00	\$3,850	
2	Pole light	1	each	\$3,500.00	\$3,500	
3	Connection to building power	1	allow	\$2,780.00	\$2,780	
	Subtotal					\$10,130
	Subtotal Construction Estimate					\$87,610
Division 1	Project Requirements					
01000	Contractor's Overhead and Profit	4%		\$87,610	\$3,504	
01000	General Conditions	15%		\$91,115	\$13,667	
01000	Contingency	20%		\$91,115	\$18,223	
	Subtotal					\$35,395
	TOTAL CONSTRUCTION ESTIMATE RAMP					\$123,005

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Date: January 24, 2011
 Schematic Op Estimate Type: Budget
 STRC File Name: chematicSample2.xls|Option 2B

No.	Description	Quantity	Unit	Unit Price	Amount	Total
Estimate Based on the Architect's drawing DSK - Option 2B with red line notes - no date						
Decrease Ramp Length by +/- 40 l.f. over Option B						
COST FOR ADA RAMP - OPTION 2B						
Division 2	Sitework					
02071	Selective Demolition					
1	Remove existing handrails at Building Landing	1	allow	\$220.00	\$220	
2	Remove existing sidewalk for connection to new	1	allow	\$250.00	\$250	
3	Remove steel ramp					
	a. Ironworker (6 men for one day)	48	hours	\$110.00	\$5,280	
	b. Cutting equipment	1	allow	\$1,000.00	\$1,000	
	c. Bobcat with operator	1	day	\$600.00	\$600	
	d. Debris removal	6	dumpster	\$500.00	\$3,000	
4	Cut old foundation piers to below grade	32	each	\$177.50	\$2,500	
5	Remove lighting fixtures and cut down concrete bases	5	each	\$365.00	\$2,500	
6	Tree Protection	3	each	\$500.00	\$2,500	
2260	Protected excavation					
1	Barricade and fencing in street	110	l.f.	\$25.00	\$2,750	
2	Dust barricade in building	12	l.f.	\$50.00	\$600	
3	Maintenance and removal of protection	40	hours	\$70.00	\$2,800	
2300	Earthwork					
1	Strip topsoil - Bobcat with operator	4	hours	\$200.00	\$800	
2	Excavate for ramp & stair foundation	130	c.y.	\$20.00	\$2,607	
3	Deposal of excavated material	7	loads	\$500.00	\$3,250	
4	Stone back fill at footings	98	c.y.	\$25.00	\$2,444	
5	Engineered fill at ramps and landing	314	c.y.	\$25.00	\$7,843	
6	Poor soils allowance	1	allow	\$7,000.00	\$7,000	
2900	Landscaping					
1	Allowance to re-dress topsoil	78	c.y.	\$20.00	\$1,556	
2	Ground cover	3,238	s.f.	\$2.00	\$6,476	
3	Intensive planting in raised planter	0	s.f.	\$10.00	No Planter	
4	Foundation planting	12	each	\$250.00	\$3,000	
5	Shrubs	20	each	\$175.00	\$3,500	
6	Trees	2	each	\$500.00	\$1,000	
	Subtotal					\$63,476
Division 3	Concrete Work					
03000	Concrete					
1	Mobilization and set up	16	hours	\$80.00	\$1,280	
2	Ramp & stair footings and foundations					
	a. Footings	24	c.y.	\$295.00	\$7,080	
	b. Ramp wall and stair foundations - 8" thick 36" deep	30	c.y.	\$350.00	\$10,500	
	c. Dowel slab & foundation to existing building	12	each	\$150.00	\$1,800	
	d. Intermediate bracing walls	5	c.y.	\$350.00	\$1,750	
4	Slab on Grade					
	a. New sidewalk on grade at ramp	60	s.f.	\$8.00	\$480	
	b. Ramp concrete slab	749	s.f.	\$10.00	\$7,490	
5	New light pole & bollard bases	6	each	\$250.00	\$1,500	
6	Concrete accessories					
	a. Rubbed finished on exposed concrete wall	880	s.f.	\$4.00	\$3,520	
	b. Non-slip ramp surface	749	s.f.	\$2.00	\$1,498	
	Subtotal					\$36,898

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No.	Description	Quantity	Unit	Unit Price	Amount	Total
Division 5	Metals					
05700	Miscellaneous Metals					
1	Galvanized rail along ramp to match existing	220	l.f.	\$175.00	\$38,500	
2	Replace existing rail at Building landing	35	l.f.	\$200.00	\$7,000	
	Subtotal					\$45,500
Division 7	Thermal and Moisture Protection					
1	Waterproof and protection board along building	84	s.f.	\$8.00	\$672	
	Subtotal					\$672
Division 9	Finishes					
09900	Painting					
1	Allowance for painting rails	1	allow	\$840.00	\$840	
	Subtotal					\$840
Division 15	Mechanical					
1	Drainage allowance for planters	0	allow	\$440.00	No Planter	
	Subtotal					\$0
Division 16	Electrical					
1	Re-install salvaged light fixture	5	each	\$560.00	\$2,800	
	a. U/G conduit & wiring allowance	300	l.f.	\$8.00	\$2,400	
	b. Connection to existing power panel	1	allow	\$560.00	\$560	
2	New lighting					
	a. New pole light	1	each	\$1,500.00	\$1,500	
	Subtotal					\$7,260
	Subtotal Construction Estimate					\$154,646
Division 1	Project Requirements					
01000	Contractor's Overhead and Profit	4%		\$154,646	\$6,186	
01000	General Conditions	15%		\$160,832	\$24,125	
01000	Contingency	10%		\$160,832	\$16,083	
	Subtotal					\$46,394
	TOTAL CONSTRUCTION ESTIMATE RAMP					\$201,040

ESTIMATE

STR CONSULTING

350 West Ontario Street, Suite 200
Chicago, Illinois 60610

Project: Exterior Ramp and Stair Renovation
 Location: Building G
 Owner: State University
 Architect: _____

Date: January 24, 2011
 Schematic Op Estimate Type: Budget
 STRC File Name: chematicSample2.xls\Option 2B

No.	Description	Quantity	Unit	Unit Price	Amount	Total
Estimate Based on STR Partners drawing DSK - Option 2B						
COST FOR NEW STAIRWAY - OPTION 2B						
Division 2	Sitework					
02071	Selective Demolition					
1	Remove existing handrails at Building Landing					See Ramp Cost Above
2	Remove existing sidewalk for connection to new					See Ramp Cost Above
3	Remove steel ramp					
	a. Ironworker (4 men for 1/2 day)	16	hours	\$110.00		\$1,760
	b. Cutting equipment	1	allow	\$500.00		\$500
	c. Bobcat with operator	0.5	day	\$600.00		\$300
	d. Debris removal	3	dumpster	\$500.00		\$1,500
4	Cut old foundation piers to below grade	6	each	\$177.50		\$2,500
5	Remove lighting fixtures and cut down concrete bases					See Ramp Cost Above
6	Tree Protection					See Ramp Cost Above
2260	Protected excavation					
1	Barricade and fencing in street	110	l.f.	\$25.00		\$2,750
2	Maintenance and removal of protection	40	hours	\$70.00		\$2,800
2300	Earthwork					
1	Strip topsoil - Bobcat with operator	4	hours	\$200.00		\$800
2	Excavate for ramp & stair foundation	37	c.y.	\$20.00		\$735
3	Deposal of excavated material	4	loads	\$500.00		\$2,000
4	Stone back fill at footings	28	c.y.	\$28.00		\$772
5	Engineered fill at stairs and landing	49	c.y.	\$28.00		\$1,369
6	Poor soils allowance	1	allow	\$5,000.00		\$5,000
2900	Landscaping					
1	Allowance to re-dress topsoil	9	c.y.	\$24.00		\$222
2	Ground cover	500	s.f.	\$3.00		\$1,500
	Subtotal					\$24,507
Division 3	Concrete Work					
03000	Concrete					
1	Mobilization and set up					See Ramp Cost Above
2	Ramp & stair footings and foundations					
	a. Footings	9	c.y.	\$300.00		\$2,700
	b. Stair foundations - 8" thick 36" deep	10	c.y.	\$400.00		\$3,800
	c. Extended foundation wall on west side of stairway	3	c.y.	\$400.00		\$1,200
	c. Dowel slab & foundation to existing building	12	each	\$150.00		\$1,800
3	Slab on Grade					
	a. New sidewalk at bottom of stairway	700	s.f.	\$6.50		\$4,550
4	Poured on place stairs					
	a. 8' wide threads	22	riser	\$600.00		\$13,200
	b. Landing	48	s.f.	\$25.00		\$1,200
5	New light pole & bollard bases					See Ramp Cost Above
6	Concrete accessories					
	a. Rubbed finished on exposed concrete wall	294	s.f.	\$12.00		\$3,528
	b. Non-slip nosing	22	riser	\$280.00		\$6,160
	Subtotal					\$38,138

ESTIMATE

STR CONSULTING

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Date: January 24, 2011
 Schematic Op Estimate Type: Budget
 STRC File Name: chematicSample2.xls\Option 2B

No.	Description	Quantity	Unit	Unit Price	Amount	Total
Division 5	Metals					
05700	Miscellaneous Metals					
1	Galvanized rail to match existing at east side of stairs	35	l.f.	\$175.00	\$6,064	
2	Wall mounted rail at west side of stairs	35	l.f.	\$35.00	\$1,213	
3	Replace existing rail at Building landing				See Ramp Cost Above	
	Subtotal					\$7,277
Division 7	Thermal and Moisture Protection					
1	Waterproof and protection board along building	96	s.f.	\$8.00	\$768	
	Subtotal					\$768
Division 9	Finishes					
09900	Painting					
1	Allowance for painting rails	1	allow	\$380.00	\$380	
	Subtotal					\$380
Division 16	Electrical					
1	Recessed step lighting	11	each	\$350.00	\$3,850	
2	Pole light	1	each	\$3,500.00	\$3,500	
3	Connection to building power	1	allow	\$2,780.00	\$2,780	
	Subtotal					\$10,130
	Subtotal Construction Estimate					\$81,200
Division 1	Project Requirements					
01000	Contractor's Overhead and Profit	4%		\$81,200	\$3,248	
01000	General Conditions	15%		\$84,448	\$12,667	
01000	Contingency	10%		\$84,448	\$8,445	
	Subtotal					\$24,360
	TOTAL CONSTRUCTION ESTIMATE STAIR					\$105,560