

**DDESS Facility Survey, Ft. Knox, Kentucky**  
**Scott Middle School**  
**Engineers' Opinion of Probable Cost**

03-8111-02  
 28-Mar-03



<b>Cost Markups &amp; Multipliers:</b>		
General Contractor Overhead, Profit & Bond		25.00%
Area Multiplier		1.07
Escalation from 2001 to 2004		8.86%
Contingency		15.00%
Total Multiplier For FY 04 Costs		1.67

Ref.	Description	Quantity	Unit	Unit Price	Mult.	Total
<b>Immediate Upgrades</b>						
3.2.5.5	Upgrade Electrical Service	1	ea	\$10,000.00	1.67	\$17,000
3.2.5.1	Install Backflow Preventer at Mian Boiler Room	1	ea	\$11,700.00	1.67	\$20,000
3.5.2.1	Install Grease Trap for Kitchen Waste	1	ea	\$10,000.00	1.67	\$17,000
3.6.1	Provide Accessible Route of Travel From Parking	220	lf	\$50.00	1.67	\$18,000
3.6.1	Provide ADA Accessible Curb Ramps	1	ls	\$2,500.00	1.67	\$4,000
3.6.1	Provide Signage at interior Ramps	1	ls	\$2,500.00	1.67	\$4,000
3.6.2	Provide ADA Accessible Parking	1	ls	\$5,000.00	1.67	\$8,000
3.6.3	Replace Interior Door Hardware	62	ea	\$475.00	1.67	\$49,000
3.6.5	Provide Accessible Public Toilets incl. Finishes	8	fix	\$5,000.00	1.67	\$69,000
3.6.6	Provide ADA Accessible Drinking Fountains	4	ea	\$1,350.00	1.67	\$9,000
3.7.1	Fire Sprinkler System (Stage)	1	ls	\$7,000.00	1.67	\$12,000
3.7.1	Provide Fire Extinguishers	69600	ea	\$0.05	1.67	\$6,000
3.7.2	Install Visual Fire Alarm Signals	69600	sf	\$0.35	1.67	\$41,000
3.7.3	Upgrade Corridor Envelope	6960	sf	\$4.00	1.67	\$47,000
<b>Subtotal Immediate Upgrades</b>						<b>\$321,000</b>
<b>Long-Term Maintenance Items</b>						
					1.67	\$0
3.2.2	Replace Parking Lot Surfacing	2500	sy	\$18.00	1.67	\$75,000
3.2.3	Repair and Replace Concrete Walks	2592	sf	\$3.65	1.67	\$16,000
3.2.4	Repair Hard Surface Play Areas	1	ls	\$20,000.00	1.67	\$33,000
3.3.3.1	Repair Damaged Exterior Surfacing	2520	sf	\$10.00	1.67	\$42,000
3.3.3.3	Repair / Refurbish Windows in Some Classrooms	1	ls	\$20,000.00	1.67	\$33,000
3.3.4	Repair Roof Leaks and Downspouts, Replace Flashing	69600	sf	\$0.50	1.67	\$58,000
3.5.3.2	Provide Additional Distribution Panels	1	ls	\$30,000.00	1.67	\$50,000
3.5.3.4	Addition of Exterior Wall Packs	30	ea	\$500.00	1.67	\$25,000
3.6.3	Provide ADA Accessible Auxillary Exits	200	lf	\$105.00	1.67	\$35,000
3.6.4	Provide ADA Signage	69600	sf	\$0.35	1.67	\$41,000
3.6.5	Provide Accessible Staff Toilets incl. Finishes	8	fix	\$5,000.00	1.67	\$69,000
3.6.8	Provide Chair Lift, Stage	1	ea	\$8,000.00	1.67	\$13,000
					1.67	\$0
<b>Subtotal Long-Term Maintenance Items</b>						<b>\$490,000</b>
<b>Total Immediate &amp; Long-Term Upgrades</b>						<b>\$811,000</b>