

**Hanover School Needs Study  
High School Additions and Renovations Option**

**Proposed Conceptual Project Cost Estimate**

25 March 2002

Gross Square Feet			163,615 SF
<b>Estimated Special Preparation Costs</b>			
Construction Phasing		\$500,000.00	
Asbestos Abatement		\$524,000.00	
Demolition		\$0.00	
Subtotal		<b>\$1,024,000.00</b>	
<b>Estimated Site Costs</b>			
Site Prep (Excavation, Parking, Athletic Fields)		\$975,000.00	
Septic System		\$0.00	DEP Discussion
Subtotal		<b>\$975,000.00</b>	
<b>Estimated Building Construction</b>			
Additions		\$6,820,000.00	47,240 SF
Renovations		\$12,446,000.00	116,375 SF
Subtotal		<b>\$19,266,000.00</b>	
<b>Estimated Total Construction Cost</b>		<b>\$21,265,000.00</b>	
<b>Construction Contingency (10%)</b>		<b>\$2,126,000.00</b>	
<b>Total Estimated Construction Cost + Contingency</b>		<b>\$23,391,000.00</b>	
<b>ESTIMATED SOFT COSTS SUMMARY</b>			
<b>Design Fees</b>			% of C.C.
Basic A/E (struc., m/e/p/fp)			
Total Basic A/E		<b>\$1,913,850.00</b>	9.0%
<b>Estimated Additional Services</b>			
Civil/Septic Design			
Geotechnical			
Technology Design			
Environmental Design			
Food Service Design			
Lighting Design			
Acoustical Design			
Cost Estimate			
Survey			
Wetlands			
Ch. 17 Testing			
Permitting			
Estimated Subtotal Add'l Services		<b>\$602,777</b>	
<b>Estimated Subtotal Services provided by D&amp;W</b>		<b>\$2,516,627</b>	
<b>Estimated Incidental Costs</b>			
Construction Management (36 months)		\$744,000.00	3.5%
Construction Testing		\$114,321.00	
Bid Documents Printing		\$52,099.00	
Structural Peer Review		\$7,443.00	
Owner's Direct Costs (i.e. legal)		\$129,504.00	
Estimated Subtotal		<b>\$1,047,367</b>	
<b>Furnishings &amp; Equipment / Technology</b>			
Furnishings & Equipment		\$1,308,920.00	\$8.00/SF
Technology Equipment		\$1,145,305.00	\$7.00/SF
Estimated Subtotal		<b>\$2,454,225</b>	
<b>Summary of Estimated Conceptual Project Costs</b>			
Estimated Construction w/contingency		\$23,391,000	
Estimated Soft Costs		\$2,516,627	
Estimated Incidental Costs		\$1,047,367	
Estimated Furnishings/Tech Costs		\$2,454,225	

Hanover School Needs Study  
High School Additions and Renovations Option

Proposed Conceptual Project Cost Estimate

25 March 2002

Estimated Total Project Costs		\$29,409,219	
-------------------------------	--	--------------	--

**Hanover School Needs Study  
New High School Option**

**Proposed Conceptual Project Cost Estimate**

25 March 2002

Gross Square Feet			154,077 SF
<b>Estimated Special Preparation Costs</b>			
Construction Phasing		\$0.00	
Asbestos Abatement		\$524,000.00	
Demolition		\$465,000.00	116,375 SF
Subtotal		<b>\$989,000.00</b>	
<b>Estimated Site Costs</b>			
Site Prep (Excavation, Parking, Athletic Fields)		\$1,156,000.00	
Septic System		\$0.00	DEP Discussion
Subtotal		<b>\$1,156,000.00</b>	
<b>Estimated Building Construction</b>			
New Construction		\$22,122,000.00	
Subtotal		<b>\$22,122,000.00</b>	
<b>Estimated Total Construction Cost</b>		<b>\$24,267,000.00</b>	
<b>Construction Contingency (6%)</b>		<b>\$1,456,000.00</b>	
<b>Total Estimated Construction Cost + Contingency</b>		<b>\$25,723,000.00</b>	
<b>ESTIMATED SOFT COSTS SUMMARY</b>			
<b>Design Fees</b>			
Basic A/E (struc., m/e/p/fp)			
Total Basic A/E		<b>\$1,820,000.00</b>	7.5%
<b>Estimated Additional Services</b>			
Civil/Septic Design			
Geotechnical			
Technology Design			
Environmental Design			
Food Service Design			
Lighting Design			
Acoustical Design			
Cost Estimate			
Survey			
Wetlands			
Ch. 17 Testing			
Permitting			
Estimated Subtotal Add'l Services		<b>\$657,348</b>	
<b>Estimated Subtotal Services provided by D&amp;W</b>		<b>\$2,477,348</b>	
<b>Estimated Incidental Costs</b>			
Construction Management (24 months)		\$607,000.00	2.5%
Construction Testing		\$130,626.00	
Bid Documents Printing		\$59,530.00	
Structural Peer Review		\$8,504.00	
Owner's Direct Costs (i.e. legal)		\$147,976.00	
Estimated Subtotal		<b>\$953,636</b>	
<b>Furnishings &amp; Equipment / Technology</b>			
Furnishings & Equipment		\$1,233,000.00	\$8.00/SF
Technology Equipment		\$1,079,000.00	\$7.00/SF
Estimated Subtotal		<b>\$2,312,000</b>	
<b>Summary of Estimated Conceptual Project Costs</b>			
Estimated Construction w/contingency		\$25,723,000	
Estimated Soft Costs		\$5,742,984	
<b>Estimated Total Project Costs</b>		<b>\$31,465,984</b>	

**Hanover School Needs Study  
Center / Sylvester Consolidation Option**

**Proposed Conceptual Project Cost Estimate**

25 March 2002

Gross Square Feet			28,800 SF
<b>Estimated Special Preparation Costs</b>			
Construction Phasing		\$100,000.00	
Asbestos Abatement		\$0.00	
Demolition		\$0.00	
Subtotal		<b>\$100,000.00</b>	
<b>Estimated Site Costs</b>			
Site Prep (Excavation, Parking, Athletic Fields)		\$200,000.00	
Septic System		\$100,000.00	Expansion?
Subtotal		<b>\$300,000.00</b>	
<b>Estimated Building Construction</b>			
Additions New Construction		\$2,984,400.00	23,000 SF
Renovations		\$387,200.00	5,800 SF
Subtotal		<b>\$3,371,600.00</b>	
<b>Estimated Total Construction Cost</b>		<b>\$3,771,600.00</b>	
<b>Construction Contingency (10%)</b>		<b>\$377,160.00</b>	
<b>Total Estimated Construction Cost + Contingency</b>		<b>\$4,148,760.00</b>	
<b>ESTIMATED SOFT COSTS SUMMARY</b>			
<b>Design Fees</b>			<b>% of C.C.</b>
Basic A/E (struc., m/e/p/fp)			9.0%
Total Basic A/E		<b>\$339,444.00</b>	
<b>Estimated Additional Services</b>			
Civil/Septic Design			
Geotechnical			
Technology Design			
Environmental Design			
Food Service Design			
Lighting Design			
Acoustical Design			
Cost Estimate			
Survey			
Wetlands			
Ch. 17 Testing			
Permitting			
Estimated Subtotal Add'l Services		<b>\$86,513</b>	
<b>Estimated Subtotal Services provided by D&amp;W</b>		<b>\$425,957</b>	
<b>Estimated Incidental Costs</b>			
Construction Management (14 months)		\$94,290.00	2.5%
Construction Testing		\$20,276.00	
Bid Documents Printing		\$26,137.00	
Structural Peer Review		\$1,320.00	
Owner's Direct Costs (i.e. legal)		\$22,969.00	
Estimated Subtotal		<b>\$164,992</b>	
<b>Furnishings &amp; Equipment / Technology</b>			
Furnishings & Equipment		\$230,400.00	\$8.00/SF
Technology Equipment		\$201,600.00	\$7.00/SF
Estimated Subtotal		<b>\$432,000</b>	
<b>Summary of Estimated Conceptual Project Costs</b>			

Dore and Whittier, Inc.  
Project No.: 01-424

**Hanover School Needs Study**  
**Center / Sylvester Consolidation Option**

**Proposed Conceptual Project Cost Estimate**

25 March 2002

Estimated Construction w/contingency		\$4,148,760	
Estimated Soft Costs		\$425,957	
Estimated Incidental Costs		\$164,992	
Estimated Furnishings/Tech Costs		\$432,000	
Estimated Total Project Costs		<b>\$5,171,709</b>	