



CHARLOTTE CENTRAL SCHOOL

BOND HEARING

OCTOBER 28, 2009

Timeline



2007

- Contracted with Dore & Whittier to conduct a full facility appraisal
- FY07 Operating Expenses for fuel - \$56,300

2008

- Corner of 1949 roof blown off building
- Water flooding around electrical panel in basement 1949 building
- Fire in Multipurpose room ventilation system
- Contamination of water supply from break in pipe into 1949 building
- Charged Facility Committee to prioritize the “needs”
- Held Community Forum to present options
- FY 08 Operating Expenses for fuel - \$79,500

Timeline



2009

- School Board unanimously supports presenting community with two bonds
- Efficiency VT working in concert with building level staff and architect
- Financing options evaluated
- Proposed Bond web site developed
- Bond warning adopted
- Informational meetings and guided tours conducted
- Community outreach to various stakeholder groups
- Informational articles in local media

Articles on Warning

- \$2.8M “Bare Necessities” Renovation

- \$1.6M Alternative Fuel – Biomass Facility



CCS PROPOSED BOND VOTE

Focus of Project



❖ Problems

- Health and safety of students and staff
- Deteriorating siding and roofing systems with contributing to poor energy efficiency
- Mechanical systems that outlived “usable life”
- Primary wing heat and air quality
- Fire & ADA Code compliance
- Unpredictable costs associated with fossil fuels

❖ Proposed Solutions

- Renovate major systems in ‘49 building – structural, heating, ventilation, plumbing and electrical
- Insulate and ventilate boiler room
- Replace and integrate ‘69 building HVAC with central heating.
- ‘49 building sprinkler system, ADA compliant bathrooms and chair lift
- Build Alternative Fuel Heating Facility

\$2.8M “Bare Necessities” Renovation



“Bare Necessities” Renovation will:

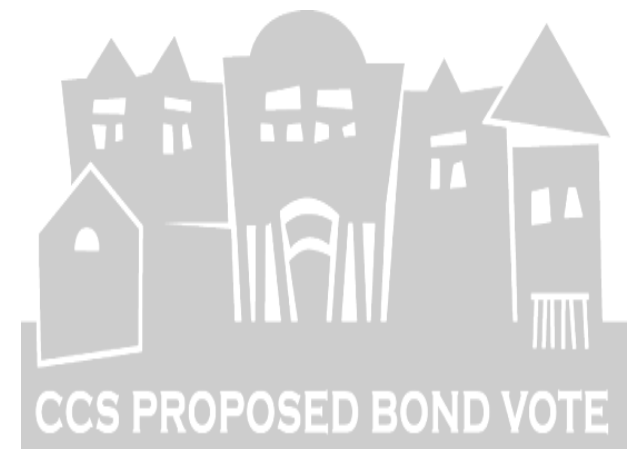
- ✓ Replace roof on 1949 Building
- ✓ Replace windows on 1949 Building
- ✓ Replace EIFS siding on 1949 Building
- ✓ Update HVAC system 1949 Building
- ✓ Replace electrical wiring 1949 Building
- ✓ Replace Unit Ventilators in 1969 Building
- ✓ Renovate bathrooms in 1949 Building for ADA compliance
- ✓ Replace inoperable chair lifts for ADA compliance
- ✓ Upgrade doors / sprinkler system to comply with fire code
- ✓ Remove asbestos tile in 1949 Building



\$1.6M Alternative Fuel – Wood Chip Facility



- ✓ Provides an alternative to #2 Fuel Oil
- ✓ Supports local resources and keeps energy dollars close to home
- ✓ Maximizes the efficiency of our current boilers
- ✓ Reduces the atmospheric build up of greenhouse gases that can cause climate change



Funding Options



- Qualified School Construction Bond (QSCB)
- Clean Energy Development Fund
- Vermont Municipal Bond Bank
- Energy Efficiency and Conservation Block Grants (EECBG)



Tax Implications



\$2.8M “Bare Necessities” Bond	With Stimulus Money	Without Stimulus Money
Est. Increase in Tax Rate per \$100 appraised value	\$0.03	\$0.05
\$1.6M Wood Chip Facility	With Stimulus Money	Without Stimulus Money
Est. Increase in Tax Rate per \$100 appraised value	\$0.02	\$0.03
Annual Impact on \$100k Home	\$ 20	\$30

* Assumes 20 year bond at 4.071%

Stimulus money refers to QSCB Qualified School Construction Bonds

Questions and Concerns ...



1. How will the delivery of education be impacted during construction?
2. What if the bond fails?
- 3.



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