

The background image shows the front facade of a three-story brick elementary school. The building has a central entrance with a portico supported by columns. Above the entrance, the name "F.E. BELLOWS" is inscribed. Above the roofline, the words "ELEMENTARY SCHOOL" are visible. The building is surrounded by green trees and a paved walkway leads to the entrance.

Masonry & Steel Restoration

FE Bellows Elementary School

Summer 2019

Dr. Kimberly Bucci
Assistant Superintendent
August 29, 2019
Update October 23, 2019

Lintel repairs at the FE Bellows School

- A lintel is a structural horizontal block that spans the space or opening between two vertical supports. It can be a decorative architectural element, or a combined ornamented structural item. It is often found over portals, doors, windows and fireplaces.

Lintel



Capital Project Work

Revealed Damaged Structural Steel

Brick removal and masonry restoration at the FE Bellows Elementary School revealed rust corrosion to the “C” channel lintels above the auditorium windows





Damage





Work commences on the second lintel repair

A total of four (4) masonry areas are scheduled for repair. Lintel integrity will be examined at each location.





Restoration in
Progress

Cost of FEB Lintel Restoration:

Area	Status	Cost
Lintel 1- playground side	completed- BOE approved	42,350
Lintel 2- playground side	completed - BOE Approved	42,350
Lintel 3- driveway side	completed - BOE Approved	34,750
Lintel 4- driveway side	completed - BOE Approved	34,750
Total to date		154,200

Capital Project Budget Considerations



- Deteriorated lintels were discovered a result of the capital project masonry work
- A change order to the vendor was generated to pay for the repairs
- The unanticipated repairs are funded from the unexpended budget in the district wide roofing projects
- The lintel repair garners appx 19% building aid as a capital project
- Building Aid is appx \$7,300 per repaired area
- If the lintel repairs were a General Fund expense, the building aid would be forfeited, and monies would need to be re-allocated from the already tight operating budget

Progress Update: September 6, 2019

Repair is in progress at the driveway side of the FEB auditorium - more deteriorated structural steel lintels discovered on window areas #3.



Next Steps

- **This project is in the final phases of closeout**
- All lintel and masonry repairs are complete