

EXECUTIVE SUMMARY REPORT

DeForest High School STEM Addition and Remodeling

May 27th, 2016

Steel is Erected!

Drastic changes to the High School have been made in the last few weeks. Steel columns, roof beams and joists have been erected and metal roof decking is being installed. Exterior wall furring is continuing, and spray foam insulation has been applied to the north elevation. Shop equipment and materials have been moved out of the existing building in preparation for interior demolition and remodeling!

The Past Week

- Beam signing ceremony
- Structural steel erection
- Window blocking and exterior wall furring
- Spray applied Insulation
- Move-out of shop equipment and other classroom materials

Coming Up in the Week Ahead

- Abatement of the existing building
- Under slab electrical work
- Pouring concrete floor slabs
- Selective demolition in the existing building



District administration, board members, teachers, students and community members signed a gold beam at the beam signing ceremony on Tuesday the 17th



Structural steel is erected – in this picture, the crane is picking a roof beam for the ironworkers to set



Spray foam insulation has been applied to the north elevation



Did you know? The all-terrain crane that was used at the High School has a maximum lifting capacity of 75 tons, and a 125-foot boom. Crane lifting capacities are determined from load charts based on the extension and angle of the boom – a crane can only support a fraction of its maximum lifting capacity when the boom is fully extended. The world's largest mobile crane can lift up to 1,200 tons, and has a 328-foot boom!

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