

# BOND UPDATE #138

1.7.22

Here's what is going on with our bond projects:

1. The snowy and icy weather in Ferndale over the last couple weeks has slightly slowed, but not stopped, work on the new Ferndale High School. Cornerstone General Contractors has moved to smaller, "skeleton crews" during this time, telling workers to only come in if they're able to safely traverse the icy roads. We'd like to recognize the hard work of all the construction staff who have been working on our campus during this inclement weather.
2. Work on the FHS campus has continued to progress this week. Some of the highlights are outlined below:
  - a. It's become too icy inside the structures to continue building the interior walls of the Academic Wing, so crews have shifted their schedule to get steel studs for the exterior walls finished early. This will help enclose the interior section so crews can be warmer.
  - b. Crews have continued to prep the east end of the Academic Wing for our next concrete floor slab pours on the third floor. They will be ready to pour the slabs next week if the weather is not freezing.
  - c. Welding, decking and detailing work is ongoing at the east end of the Academic Wing and should wrap up over the next week or two. Mechanical mezzanines are being installed in the Athletic Wing.
  - d. Interior framing work is ongoing in the Academic Wing. Additionally, exterior framing and sheetrock work is nearly done at the west end. As the walls become complete, crews are installing temporary covers over the window and door openings so we can provide some heat in the building and keep our crews a little warmer.
  - e. Electricians, plumbers and ventilation crews continue installing items that will eventually be buried in the walls and ceilings. They are making good progress and heading toward the east end of the Academic Wing.
  - f. Now that we have a fair number of exterior walls complete, the air and weather barrier has started. Previously, the building was turning yellow due to the color of the exterior sheathing. It will now start to turn orange (the color of the air/weather barrier).
  - g. Earthwork has stopped during this cold spell. Once the ground freezes, this type of work isn't possible
3. At the end of this week's update, you will find several photos from the Ferndale High School site. You can also find more photos on the district

website at the following link: [Bond 2019 - Ferndale School District \(ferndalesd.org\)](http://ferndalesd.org)

4. Crews have been working through extreme cold at the FHS campus. The coldest day so far was on Dec. 29: 8 degrees Fahrenheit with a 17-degree wind chill. To combat the cold, there are three massive heaters that emit 1 million BTU (British thermal units) of heat throughout the campus. These are the same heaters used on NFL teams' sidelines.
5. These heaters are fueled using natural gas, which was connected to the site this summer. Natural gas has two major advantages over propane heaters: first, it doesn't release moisture into the air, which helps dry out drywall. Second, it's cost-effective compared to propane. With propane, tanks have to be delivered to the site, and crews have to use de-humidifiers while drying out drywall, since burning propane releases moisture along with heat. It is very uncommon to have the luxury of natural gas available at this stage in the project.
6. This week, the construction team met and selected the colors for the bricks to be used in the new building. Masonry work will begin on the FHS campus in about a week.

If you have questions or comments about any of the content of this update, please feel free to reach out to me or one of my colleagues.

Mark





