



**Building Excellence.**



**NEENAH**  
HIGH SCHOOL

**NJSD New High School**

Miron Project Number 210210

**Monthly Project Progress Report March 2022**

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## Distribution List

Dr. Mary Pfeiffer  
District Superintendent  
**Neenah Joint School District**  
mpfeiffer@neenah.k12.wi.us  
920-751-6800 x 10100

Matt Wolfert  
President  
**Bray Architects**  
mwolfert@brayarch.com  
414-226-0200

Ryan Sands  
Vice President  
**Bray Architects**  
rsands@brayarch.com  
414-290-1981

Tim Kippenhan  
Vice President & COO  
**Miron Construction Co., Inc.**  
Tim.kippenhan@miron-  
construction.com  
920-969-7053

Amanda Manteufel  
Project Executive  
**Miron Construction Co., Inc.**  
Amanda.manteufel@miron-  
construction.com  
920-328-1777

Michael Huffman  
President  
**Huffman Facility Development**  
Mhuffman@huffmanfd.com  
608-332-4112

Our *commitment* reaches beyond construction;  
our *passion* brings *dreams* to life.



## Executive Summary

### Site Activities

- Storm piping install is about 90% complete, waiting for ground to thaw to complete
- Excavation in the auto shop and locker room spaces is taking place
- Concrete footings and foundations are proceeding in the loading dock and auto shop areas
- Slab on deck (SOD) concrete pours have started in the classroom wings
- Stone base continues to be placed in the building footprint
- Structural steel and deck continues to be placed in the classroom wings
- Masonry walls in the competition gym and loading dock area are under way
- Erection of precast concrete wall panels continues in the auditorium
- Geothermal well drilling continues with three drill rigs on site
- Building Information Modeling (BIM) continues
- Maintaining the site as the ground thaws out

### Bid & Award

- All Bid Packages are complete and contracts awarded

### Major Milestones / Accomplishments

- Roofing insulation has started to be delivered

### Upcoming Milestones

- Sitework is planned to resume in early April

### Key Issues and Concerns

- Material availability and increasing lead times

We exist to create...

Relationships

...built on honesty and integrity, with clients, partners, and employees. At Miron, people come first.



## Action Items

### Key Accomplishments

- Largest precast panels in the auditorium were placed successfully
- BIM coordination is underway

### Areas of Concern

- Material availability
- Material cost increases
- Submittal review times

### Action Item List

- Continue to monitor material lead times and material delivery dates
- MEP contractors involved in BIM must continue to maintain the coordination schedule so work can be coordinated with other subcontractors

We exist to fulfill...

*Dreams*

...and assist our clients in turning their visions into realities.



## Design Items

### Accomplishments

- Final compiled Issued for Construction (IFC) drawings were issued

### Areas of Concern

- Critical to continue to complete submittal revisions and respond to RFI's to maintain project schedule

### Submittals

- Submittals from Bid Package 01 contractors are being received and reviewed  
100% of submittals have been submitted and reviewed
- Submittals from Bid Package 2A, 2B, and 2C contractors are being received and reviewed  
95% of submittals have been submitted and reviewed
- Submittals from Bid Package 3A contractors are being received and reviewed  
100% of submittals have been submitted and reviewed
- Submittals from Bid Package 3B contractors are being received and reviewed  
100% of submittals have been submitted and reviewed
- Submittals from Bid Package 04 contractors are being received and reviewed  
80% of submittals have been submitted and reviewed
- Submittals from Bid Package 05 contractors are being received and reviewed  
30% of submittals have been submitted and reviewed

### Requests for Information

- 50 RFI's were generated this month and 43 have been answered and returned
- 7 open RFI's that the design team will return by early April

We exist to promote...

**Innovation**

...and be the leader in providing and utilizing the best tools, processes, and safety measures.





## Quality

### Inspections

- Fox Crossing Utility
- Compaction Testing
- Concrete Testing
- Rebar Inspection
- Bearing Capacity
- Structural Steel Testing
- State & Local Building Inspections

### Test Results

- Fox Crossing inspecting storm sewer as it is being installed
- Concrete test reports are being received as areas are poured
- Geothermal well testing as each well is drilled

### Quality Issues & Resolution

- None

We exist to develop...

**Solutions**

...that exceed the needs and requirements of our clients, partners, and employees.

## Schedule Summary

### Schedule Update

#### Labor Force Report

Veit - averaging 8 workers each day working on earthwork and installing storm sewer piping  
Miron Concrete - 18 workers setting forms and pouring concrete footings and foundations  
Miron Steel - 20 workers erecting steel in the classroom wings and precast in the auditorium  
Miron Masonry - 22 workers setting block in the two gym stairwells  
ECS Midwest - 1 worker testing concrete ensuring it meets the specification  
Wisconsin Rebar - 1 worker tying and setting concrete reinforcing steel  
Bertram Drilling - 9 workers drilling for the geothermal field  
Appleton Lathing Corporation - 9 workers starting exterior steel stud framing  
Tweet Garot - 4 workers installing MEP underground utilities in classroom wings  
Hurckman Mechanical - 3 workers staging material and setting up equipment  
Van Ert - 4 electricians working on masonry in wall electrical  
Point of Beginning - 1 worker each day staking for underground utility lines  
McMahon - 1 worker each day monitoring underground utility installation

#### Delays

- Weather
  - 9 weather days in March
- Materials & Labor
  - Currently None
- Design
  - Currently None
- Owner
  - Currently None

#### Key Issues / Concerns / Recommended Action Steps

- Reviewing and answering Submittals & RFI's in order to maintain schedule
- Continuing to monitor material lead times
- Tracking weather days to determine any schedule impact

We exist to serve each...

Community

...in which we live and work, giving back whenever and wherever we can.

## Risk Management

### Key Safety Statements & Focus Issues

- 434 team members have been orientated to date
- Approximately 85-110 people on-site per-day
- Orientations and background checks completed before being permitted to work on site
- Stretching and safety meeting is daily at 7:00 AM with all contractors
- Weekly site wide stand-down safety meeting
- Daily site safety audits
- Safety focus is on rigging and signaling due to five cranes and eight skytraks on site
- Heavy equipment includes: 2 dump trucks, 2 front end loaders, 6 back hoes, 1 roller, 2 dozers, 1 off-road haul truck, 8 forklifts, 5 cranes, 7 UTV's, and 17 company vehicles
- Communication is key to the team's success with the amount of equipment moving on site
- Site traffic control is in place due to lots of moving equipment and vehicles on site
- Excavations for concrete footings and foundations are barricaded when no work is being put in place
- Red danger tape is put up in areas where hot work is taking place
- Masonry walls are braced as erected and red danger tape is being used in limited access zones
- Changing weather conditions throughout the day as temperatures fluctuate throughout the day
- Adapting to the wet and muddy conditions as the ground continues to thaw out
- Maintaining site access routes free of snow and ice
- Monitoring carbon monoxide levels in temporary enclosures





## Progress Photographs



First second floor concrete pour in West classroom wing  
(03/08/2022)



Masonry walls going up in competition gym  
(03/15/2022)



East gym wall masonry being erected  
(03/15/2022)



Main stage opening in the auditorium that leads to the back of house  
(03/15/2022)



Standing at the main East entrance of the building looking Southwest  
(03/17/2022)



Overview of masonry gym walls and precast walls in the auditorium  
(03/17/2022)



## Progress Photographs



Completion of all 63' tall precast panels in the auditorium  
(03/17/2022)



Second floor in classroom wing is prepped for concrete  
(03/22/2022)



Concrete being placed in second floor classrooms  
(03/28/2022)



Extendable boom pump truck places concrete in areas where a concrete truck cannot reach  
(03/28/2022)



Completed second floor concrete floor  
(03/28/2022)

## Glossary of Terms

- **Bid Package (BP):** a set of documents that contains drawings, specifications, and scopes of work for a specific set of construction activities that are sent out to contractors for competitive bidding. Ex: Bid Package 01 contained all the drawings, specifications, and scopes for the exterior site portion of work on the project.
- **Request for Information (RFI):** a document during the construction phase of a project used to get clarification on the project documents between the contractor and the architect/engineer. Ex: The contractor submits an RFI to the architect about a missing dimension on the drawings.
- **Submittal:** documents such as shop drawings, product data, material data, and samples to confirm that the correct products will be installed on the project. Ex: The flooring contractor submits a sample of the carpet they plan to install to ensure it is the correct color.
- **Compaction Report:** a report generated by an engineer noting how dense the ground is in a certain location. Ex: The soil below a road is tested to ensure the soil is firm enough to handle the weight of cars driving over it.
- **Concrete Masonry Unit (CMU):** usually a rectangular prism shaped structural member that is cast or extruded and are comprised of designed aggregates, cement, and water. Ex: The most common occurrence of CMU units are in stairwells of a commercial building. They look like legos stacked on top of one another.
- **Building Information Modeling (BIM):** the process of identifying and resolving constructability issues using 3D models developed by the design team and subcontractors. 3D models are overlaid, conflicts are identified, model adjustments are made, and installation drawings are produced which allow field teams to accurately install their systems to match the final coordinated 3D model.
- **Precast Concrete Wall Panel:** a structural piece of concrete that is cast offsite at a production facility to specific dimensions in a mold, cured for a duration of time, and set in a final location. Precast panels can be used in lieu of a masonry wall, concrete block wall, or steel stud wall. The new high school will have precast wall panels in the auditorium and the auxiliary gym.
- **Slab on Deck (SOD):** a concrete slab that is poured on top of metal decking at an elevated location such as a second or third floor of a building. Together the metal deck and concrete slab make up the floor structure of the building.

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