



Building Excellence.



NEENAH
HIGH SCHOOL

NJSD New High School

Miron Project Number 210210

Monthly Project Progress Report May 2022

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

Executive Summary

Site Activities

- Storm piping install is about 90% complete
- Excavation for the football concessions are taking place
- Concrete footings and foundations are proceeding for the football bleacher foundations and concession stands
- Slab on grade (SOG) concrete pours stated in the classroom wings
- Exterior studs and sheathing took place in all classroom wings
- Interior studs started on the second floor of the classroom wings
- Underground MEP's (Mechanical, Electrical, Plumbing) in the North classroom wings of the building continues
- MEP rough-ins started in the classroom wings
- Roofing started on the West end classroom wing
- Exterior brick façade started on the West end classroom wing
- Structural steel and metal roof deck is being set in the auxiliary gym
- Masonry walls in the competition gym, receiving area, and music wing continue
- Erection of precast concrete wall panels wrapped up in the auxiliary gym
- Geothermal well drilling continues with two drill rigs on site
- Manifolding of the geothermal field started
- The Redi-Rock retaining wall around the football field install was completed
- Site grading of the athletic fields started

Major Milestones / Accomplishments

- Roofing has started
- Exterior brick has started
- Geothermal vault was delivered
- Competition Gym girder trusses were set
- Second community engagement event was held

Upcoming Milestones

- Geothermal vault will be set
- Larsen Road work will start end of June/Early July
- Delivery of roof top HVAC units

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

- Roofing has started
- Exterior brick has started
- BIM coordination continues

Areas of Concern

- Material availability
- Material cost increases
- Submittal review times

Action Item List

- Continue to monitor material lead times and material delivery dates
- Monitoring a 60 week lead time for electrical switchgear
- 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

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
100% 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
90% of submittals have been submitted and reviewed
- Submittals from Bid Package 05 contractors are being received and reviewed
65% of submittals have been submitted and reviewed

Requests for Information

- 54 RFI's were generated this month and 43 have been answered and returned
- 11 open RFI's that the design team will return in early June

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
- MEP Underground Testing
- State & Local Building Inspections

Test Results

- 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 10 workers each day working on earthwork and installing storm sewer piping
Miron Concrete - 20 workers setting forms and pouring concrete footings and foundations
Miron Steel - 17 workers erecting steel in the classroom wings and precast in the auditorium
Miron General Trades - 8 workers each day working on window and roof blocking
Miron Masonry - 26 workers setting block in the two gym stairwells
ECS Midwest - 1 worker testing concrete ensuring it meets the specification
Wisconsin Rebar - 2 worker tying and setting concrete reinforcing steel
Bertram Drilling - 6 workers drilling for the geothermal field
GO Loop - 3 workers starting to lay pipe and connect geothermal wells
Appleton Lathing Corporation - 26 workers starting exterior steel stud framing
Tweet Garot - 15 workers installing MEP underground utilities in classroom wings
Hurckman Mechanical - 14 workers staging material and setting up equipment
Van Ert - 16 electricians working on masonry in wall electrical
Up-Right - 4 workers installing light poles bases
Point of Beginning - 1 worker each day staking for underground utility lines
Crafts Roofing - 16 roofers working on the classroom wing roofs
Hein Masonry - 8 masons laying brick on the West end classroom wing
JWI - 10 workers installing the football field bleachers

Delays

- Weather
 - 2 weather days in May
- 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

- 662 team members have been orientated to date
- Approximately 200-210 people on-site per-day
- Orientations and background checks completed before being permitted to work on site
- Stretching and safety meeting is daily at 6:00 AM & 7:00 AM with all contractors
- Weekly site-wide stand-down safety meeting
- Daily site safety audits and weekly contractor safety walks
- Safety focus is on rigging and signaling due to seven cranes and twelve skytraks on site
- Heavy equipment includes: 2 dump trucks, 1 front end loaders, 4 back hoes, 1 roller, 1 dozers, 1 offroad haul truck, 12 forklifts, 7 cranes, 11 UTV's, and 28 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 overhead work and limited access zones are located
- Masonry walls are braced as erected and red danger tape is being used in limited access zones



Progress Photographs



Exterior spray foam on the West classroom wings
(05/06/2022)



Precast panels in the auxiliary gym
(05/06/2022)



Concrete team preps for concrete floor pour in classroom wings
(05/12/2022)



Masonry wall is braced until structural steel is connected at the top
(05/16/2022)



Looking Southwest at the auditorium and main entrance
(05/31/2022)



Looking West at the building
(05/31/2022)

Progress Photographs



Looking South at the overall site
(05/31/2022)



Large girder truss that spans the width of the competition gym and carries the weight of the roof
(05/31/2022)



First section of brick veneer is completed on the West end classroom wing
(05/31/2022)



Subgrade is being set for the ADA ramps at the track and football field
(05/31/2022)



The grandstand bleachers start to be assembled
(05/31/2022)



The steel catwalk structure over the auditorium is being erected
(05/31/2022)

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.
- **Slab on Grade (SOG):** a concrete slab that is poured at the ground elevation of the building. This type of slab is poured directly on a compacted stone base.

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