



## **North Hardin High School – Phase 7**



### **Construction Update** August 13, 2015

Original Construction Cost:	\$13,380,000.00
Present Construction Cost:	\$13,391,196.00 ( <i>Revised by Change Order No. 1</i> )

Original Completion Dates	
Substantial Completion:	July 1, 2016
Final Completion:	August 1, 2016

Anticipated Completion Dates ( <i>Revised by Change Order No. 1</i> )	
Substantial Completion:	July 14, 2016
Final Completion:	August 14, 2016



## **Summary**

The next progress meeting is scheduled for today August 13, 2015. SCB will be present at the August board meeting and will provide a construction update outlining construction progress.

Exterior work at the athletic complex is currently scheduled to be completed this month per the most recent schedule provided by Morel Construction. Work at the athletic complex is scheduled to be completed prior to the August 28<sup>th</sup> home football game.

A copy of the July 23, 2015 Construction Progress Meeting Minutes with progress report from Morel Construction outlining the past two weeks progress and the anticipated activities for the next two weeks are attached to this report.

## **Progress Photos**



**Photo 1:** Roof structure and decking is now in place at the Wellness Center (behind the existing Auxiliary Gymnasium).



**Photo 2:** New Concessions Area at the New Rear Entry Lobby. Footings have been placed and masonry work is ongoing.



**Photo 3:** New Rear Entry Lobby looking toward the existing cafeteria.





**Photo 4:** Exterior brick work is ongoing at the New Locker Room addition. Roof structure and deck is in place and work is ongoing at the roof to dry in all new spaces.



**Photo 5:** Approximately 70% of the rear parking lot has been completed and striped. Permeable pavers have been installed south of the New Ticket Booth/Athletics Complex Entry.



**Photo 6:** Work is ongoing at the New Ticket Booth/Athletics Complex Entry.



**Photo 7:** New Home Side Grandstands are nearing completion. Punchlist is being completed and Pressbox is being prepared for occupancy.





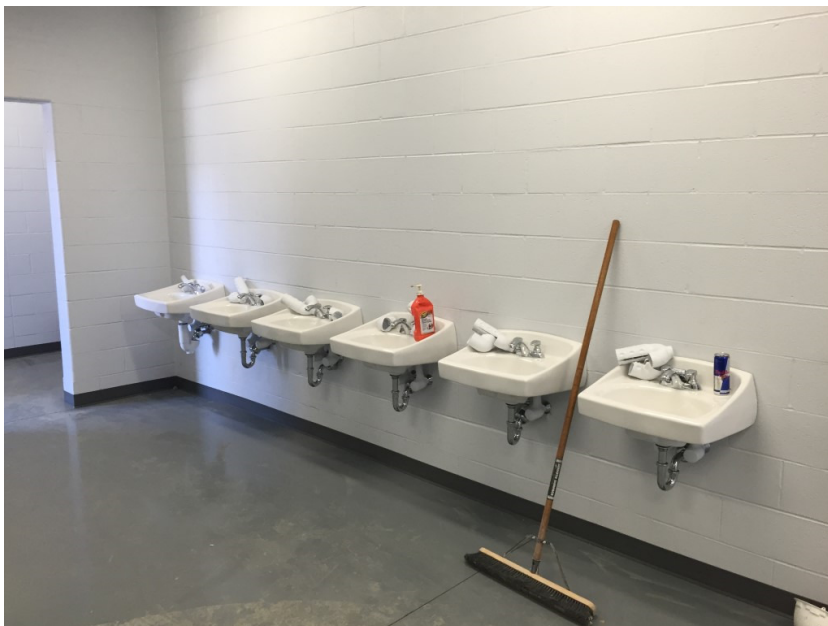
**Photo 8:** New pedestrian plaza behind the New Home Football Grandstands.



**Photo 9:** Re-Installation of existing Visitor Grandstands is underway.



**Photo 10:** Work continues in and around the New Central Concessions/Restroom Building.



**Photo 11:** Restrooms at the Central Concessions/Restroom Building are being prepared for occupancy. Toilet stall doors and toilet accessories are being installed and final cleaning is ongoing.



**Photo 12:** Laminate clad casework and countertops are being installed in the new concessions area at the Central Concessions/Restroom Building.



**Photo 13:** New showers at the Baseball/Football Fieldhouse are complete and plumbing fixtures are being tested.





**Photo 14:** Football Locker Room is nearing completion (pending locker installation).



**Photo 15:** Exterior of Baseball/Football Fieldhouse has been repainted.



August 11, 2015

### **PROGRESS MEETING MINUTES #9**

Re: North Hardin High School Ph. 7  
SCB Project No. 1291

Date: July 23, 2015

Present: (see attached Sign-in Sheet)

### **Review of previous minutes**

Previous meeting minutes were reviewed. There were no comments.

### **Schedule**

1. Dates of completion: Substantial Completion – July 1, 2016  
Final Completion – August 1, 2016
2. The high school's open house is scheduled for Monday, August 3, 2015, at 6:30 p.m.
3. First day of school is Wednesday, August 5, 2015.
4. The first football scrimmage is planned for Friday, August 14, 2015.

### **Work completed to date**

Morel Construction provided a written summary dated 7/23/15 (copy attached to these minutes).

### **Anticipated work**

Morel provided their written "Items scheduled next 2 weeks" dated 7/23/15 (copy attached to these minutes).

### **Delivery dates**

1. Locker delivery is anticipated for mid-September. Old, existing lockers will be needed temporarily.
2. Band tower delivery is delayed. Morel provided a July 21, 2015, letter from the manufacturer, Educational Steel Products, explaining the delay (copy attached to these minutes).

### **Shop drawings**

1. SCB has the following for review:
  - a. Overhead Coiling Door – Will be revised with Cafeteria re-design.
  - b. Signage – SCB will mark up the submittal using new room numbers assigned by the Owner.

Sherman Carter Barnhart Architects  
100 Mallard Creek, Suite 151  
Louisville, KY 40207

502.721.6100 Office  
502.721.6111 Fax  
scbarchitects.com

### **Change orders/ASIs/RFIs**

1. Change Order #2 is being drafted, and includes Morel's Requests for Change Order (RFCOs) #7-#19.
2. Morel's RFCOs #6, #20 and #21 will be included in a future change order.

### **Pay requests**

A draft copy of Morel's current payment application was reviewed by SCB and STW.

### **Record drawings**

All present were asked to be mindful that all conditions that vary from the design documents and the documented existing conditions are to be fully documented on "as-built" drawings throughout this project. Jerry Johnson will be responsible for maintaining as-built documents. SCB, STW, and the Owner will conduct regular reviews of the as-built documents.

### **Daily clean-up**

Good at this time.

### **Safety issues**

Morel has seen some improvement in students' use of the band room doors and students crossing through the construction site, as well as their use of the track.

### **New business**

1. Owner's comments:
  - a. Lonnie Dennis is concerned about damage to the floors in Area C. This will be reviewed after the meeting.
  - b. Lonnie asked if the intercom will be functional for the start of school. Alliant will review.
  - c. Lonnie requested that both gyms be available for the open house and the start of school.
  - d. Lonnie asked if the fences will be reconfigured to separate the construction area from the students and staff. Jerry Johnson will work with Lonnie to provide a workable solution.
  - e. Lonnie asked if the fans in the large gym will be removed. SCB and STW will review.
  - f. Lonnie is concerned about the painted floor in the football locker room being slick. David Wyatt suggested using the old rubber mats. Also: Look into using old football lockers, and check the plug for the dryer hook-up.
  - g. Lonnie asked when the Wellness Center will be available. Morel's schedule calls for fall break, weather permitting.
  - h. Gary Milby asked about the press box speakers. The issue is being handled by AES and Alliant.
  - i. Gary asked everyone to be concerned about the safety of visitors (1000-1500) and students during the upcoming open house.
  - j. Gary asked if the proposed Computer Room 164 has been redesigned. SCB is working with Lonnie Dennis to rework this area. It will be constructed in the next phase.
  - k. Gary asked if all new and existing CCTV cameras are functioning. This will be reviewed.
  - l. Gary asked if the fueling station is ready for the buses as this is the only location for all buses at this time. It is ready, and the roadway will be improved to handle bus and construction traffic.
  - m. David Wyatt asked if the office window in the fieldhouse needs to be reviewed. SCB will review.
2. Architect's comments:
  - a. SCB asked about the status of inspections and reviews required before schools starts.
  - b. SCB will punch out the new grandstands on July 28 at 10:00 a.m.



3. Consultants' comments:
  - a. STW asked GBMC to review the routing of the generator gas line required by LG&E, and propose a less expensive solution if possible.
4. Contractor's/Subcontractor's comments:
  - a. Morel's Jerry Johnson advised that refinishing of the small gym floor is scheduled for July 27. It may not be available for the open house.
  - b. The sidewalk to the ticket booth will be poured this week.
  - c. The student parking lot will be available for the open house and at the start of school.
  - d. Jerry advised that the Time Warner Cable rerouting work is complete at this time.
  - e. Jerry indicated they plan to stripe the lanes on the track in about two weeks, weather permitting.
  - f. The ceramic tile for the fieldhouse is in town. The mud bed slopes in the showers have started, and tile work will begin immediately.
  - g. Jerry asked SCB to review found structural conditions at two locations, especially at the main entry hall. This is holding up the clerestory framing. Bill Grigsby will review these areas.
  - h. Gary Hilbers with AES stated that the light poles have shipped and will be installed as soon as they arrive at the site.
  - i. Gary Hilbers asked about the PTAC units for the pressbox. Toadvine is to furnish them. Morel will review the status of the units and determine a delivery date.
  - j. Gary Hilbers asked for a roof on the new mechanical room as soon as possible to allow the installation of the new electrical panels. All involved will work toward this.
  - k. It was decided that the roof top equipment on the classroom will be raised during the fall break (first week of October). This work is required to accommodate the new roof slopes.
  - l. Brian Delk, with Swift Roofing, asked if a new metal wall panel had been selected for the large gym. SCB will work with the Owner to make the selection for pricing.
  - m. Doug Carden, with Morel, advised that the football field irrigation system can be scheduled as needed to maintain the grass.
  - n. GBMC's Alva Gibson stated he expects LG&E to set the new gas meters soon, and generators will be operational next week.
  - o. Alliant will check the sound rack location in the new pressbox and install new speakers. He added that all fire alarms should be functional now, and speakers in the school should be ready for the open house.


#### **Next scheduled meeting**

1. A special meeting of all project team members will be held Thursday, July 30, at 10:30 a.m. at the job site construction trailer, to review issues prior to the start of school.
2. The next regularly scheduled progress meeting will be on Thursday, August 13, at 10:30 a.m. at the job site construction trailer.

End of meeting minutes.

If you have any questions or comments regarding these minutes, please contact this office.

Sincerely,



Philip C. Gayhart, AIA  
Principal/Construction Administration

c: Gary Milby, David Wyatt, Rick Clauson (for distribution to subs), Diana Sandmann, Jerry Johnson, Joe Watson, David Epperson, Mike McGaughey, Bill Grigsby, Justin McElfresh

## PROGRESS MEETING SIGN-IN SHEET

Project North Hardin High School Ph. 7 Project No. 1291 Date July 23, 2015

(IMPORTANT: PLEASE PRINT CLEARLY!)

Name:

Company:

Phone #:

E-mail address:

PHIL GAUGHAN

SCB

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## North Hardin High School Phase 7

Progress meeting 7/23/15

### Site

- Site grading is ongoing.
- Installing brick pavers on the south east side of the parking
- Installed sidewalks at the south east side of the parking lot
- Setting forms and placing stone around concessions and up to ticket booth
- Started resurfacing the track
- The extension of the Nolin conduit has been completed
  
- FIELD HOUSE
- HAVC equipment is completed
- Finish paint is ongoing
- Installing HM doors
- All other trades are waiting on floors
  
- CONCESSIONS
- Brick cleaning has been completed
- Sheet metal soffits and fascia has started
- Finish paint is ongoing
- Installing HM doors
- Lights and devices have been installed
- Plumbing is waiting on finishes
- TICKET BOOTH
- Has started, floor slab, walls, roof and dried in
  
- Area C
- HVAC is complete
- Electrical is complete
- Ceiling tile is 99% completed { ran out of ceiling tile }
- Sprinkler head relocation is completed
  
- GYM 149
- Acoustical insulation has been completed
- walls have been painted
- 
- Gym163
- Bleachers installation has started



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- Electrical rough in is ongoing
- ROOFING
- Area C, band/ag and shop area have base sheets completed
- Installing roof blocking as needed
- Started over the mechanical room
- ADDITION
- Joist and deck have started
- CMU is ongoing
- Start brick
- H M Frames are on site and being set as needed
- MEP rough in is ongoing as needed in CMU walls

#### Items scheduled next 2 weeks

- continue site grading
- continue site concrete
- continue track surface
- Pave and strip parking lot
- Complete paint at field house and concessions
- start ceramic tile at the fieldhouse - 7/27
- complete GWB ceiling at ticket booth
- continue CMU and structural at addition
- Continue MEP rough in at addition
- Start refinishing of floor in gym 149 - 7/27
- Continue bleachers in gym 163
- Complete ceiling tile at area C



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July 21, 2015

Mr. Doug Carden  
Morel Construction Co., LLC  
627 West Main St.  
Louisville, KY 40202-2921

Re: North Hardin High School – Band Tower

Re: Notice of untimely tower delivery

Dear Mr. Carden:

Educational Steel Products, LLC, regrets to inform you that we are unable to provide your tower unit in the timeline that we had anticipated. A sales season of twice our normal number of units has left our fabricator unable to keep up as well as they had hoped. They are working around the clock, including weekends and holidays. They are also willing to add personnel; however, a shortage of qualified welders has hit our industry hard.

While the fabricator is working diligently to rectify this situation, I am certain that it will not be in time to maintain the desired timeline on your project. Instead of the September 5<sup>th</sup> date that we had initially expected (16 weeks from 5/15 submittal approval), we are likely to be looking at an additional 4-5 weeks. It appears that the realistic delivery will be in early October. If we can do any better, we certainly will, but I want you to know the reality, as it currently stands, so you and the owner may make other arrangements.

Our proposal did say the installation date was subject to prior orders, but we thought we had given you a realistic lead time. I sincerely apologize for the difficulty this delay places on your owner and their band program. Do you need me to send a copy of this letter to them?

Should this cause them to rethink their entire purchase order, we would completely understand. We will move forward in the hope they will give us the opportunity to finish the job. They will be very happy with the finished product. Of that I have no doubt.

Sincerely,

Kimberly J. Beaver  
Member of LLC

*At ESP we already know what you want!*