



PROGRESS REPORT

HARDIN COUNTY SCHOOLS

NEW LINCOLN TRAIL ELEMENTARY SCHOOL NEW EAST MIDDLE SCHOOL

Project No: 201752 + 201752.01
Date: June 20, 2019
Time: 5:30 PM
Location: Hardin County Board of Education

NEW LINCOLN TRAIL ELEMENTARY SCHOOL (BG# 18-098)

The project is now under construction, with the following highlights (field report attached):

- Building pad is complete
- Concrete footings are being placed on the west side of the building. Northern footing are in place.
- Temporary electrical service is being installed
- Storm water piping is being installed on the norther side of the property.
- Excavators are filling the south side of the site in the parking areas and bus loading.

There are no current changes to the project contract.

NEW EAST MIDDLE SCHOOL (BG# 18-267)

The project is now under construction, with the following highlights (field report attached):

- Excavators were moving earth to create the building pad by filling the materials in lifts.
- The construction office trailer has been placed on the site.
- Soils compaction reports have been within specification.
- Building pad to be completed soon (weather permitting)
- Erosion control measures have been placed.

There are no current changes to the project contract.



FIELD OBSERVATION REPORT

Lincoln Trail Elementary School, Hardin County Schools, Elizabethtown, KY 201752 -CA8

Date: 06/14/2019

Time: 8:30 AM ET

Weather: 65/partially cloudy

Observed by: Joseph Jones

Report No: 1

Est. Completion: 2%

Present on Site:

Gerald Jones (Superintendent - Alliance Corporation), Blake Greer (Technician - Solid Ground Consulting Engineers), Alliance's Concrete Crew, Excavators, Storm Water System Installers, Electricians

1. Work in Progress

- a. Carpenters were tying reinforcing steel to the dowels in the footing of the southeastern area of the building. Concrete footings were being poured to the west side of the building.
- b. Excavators were filling the south side of the site in the parking areas and bus loading.
- c. Storm water system installers were installing the main storm pipe to the northern side of the site.
- d. Electricians were installing the temporary service.

2. General Observations

- a) Although the site is large. It is also somewhat narrow. The building is located at the high point which provides ample room for parking, circulation and the bus loop to the south of the building and provides great views of the site and countryside. Since the site drops off sharply to the north, this provides an excellent place to dispose of most of the storm water.



JRA Architects

3225 Summit Square Place, Suite 200 Lexington, KY 40509
Tel: 1-859 252-6781 Fax: (859) 255-5483 www.jrarchitects.com

- b) The building pad is essentially in place. Gerald reported that they smooth the gravel at the end of the day after machinery has rutted it. In addition, footings are in place along a significant portion of the north side of the building. Gerald reported that the section of footing missing from the south side of the building will need to be dropped to allow for the sanitary sewer to enter the building. An RFI has been issued on this.



- c) Alliance was tying reinforcing steel to the dowels. Refer to the SPIN report for confirmation of spacing and quantities.



JRA Architects

3225 Summit Square Place, Suite 200 Lexington, KY 40509
Tel: 1-859 252-6781 Fax: (859) 255-5483 www.jrarchitects.com

- d) Concrete footings were being poured. Solid Ground's field technician was retrieving concrete for cylinders. Blake reported that the concrete from the Elizabethtown IMI plan was of good quality with proper slump, density and compression rating when tested.



- e) The footings have the proper keyways at the ends of pours and the dowel spacing appears to be as indicated. Concrete brick was used to elevate the bottom rows of reinforcing steel off of the bottoms of the excavations. Refer to the SPIN report for dowel placement, spacing and size confirmation.



- f) Reinforcing steel is stockpiled on site. Footing matts are being prefabricated for insertion to footing excavations.



JRA Architects

3225 Summit Square Place, Suite 200 Lexington, KY 40509
Tel: 1-859 252-6781 Fax: (859) 255-5483 www.jrarchitects.com

- g) Electrical conduit is stockpiled and will be used to provide the service into the site to the building. Temporary electrical panels have been prepared. Gerald reported that these will be installed after the installation of the large storm sewer on the west side of the site.



- h) Excavators were raising the site in the south parking area by moving earth from the higher southeast corner.



- i) Blake has reported some soils did not meet the compaction requirements on the initial pass and had to be ripped and reworked to achieve proper compaction.



- j) Stockpiled storm piping was being moved from the south side of the west side of the site to provide the main storm water conduit. Precast concrete drainage structures are stockpiled on site.



- k) The storm line was being laid down the hill to the headwall outfall structure into the natural swale to the north of the site. The excavator reported hitting some rock that he removed with a hoe ram.



JRA Architects

3225 Summit Square Place, Suite 200 Lexington, KY 40509
Tel: 1-859 252-6781 Fax: (859) 255-5483 www.jrarchitects.com



- I) Formwork for stem walls is stockpiled on the site.



- m) The entrance roads into the site have been graded and covered with crushed stone.



- n) The service road to the north of the building has been graded and covered with crushed stone.



- o) Gerald located the site sign at the front of the site.



3. Stored Material:

- a. Stone for fill.
- b. Reinforcing steel bars for footings and stem walls.
- c. Formwork for stemwalls.
- d. Electrical conduit.
- e. Storm sewer piping, precast storm structures and fittings.

4. Follow up items:

- a. Keep as-built locations for sewer and other site utility work up to date.

Follow up by:

- ☐ Architect, ☐ Owner, ☐ MEP Engineer, ☐ Structural Engineer, ☐ Civil Engineer
☒ Contractor, ☐ Other

Respectfully submitted,
Joseph Jones
JRA Architects

Cc: 201752, CA8



FIELD OBSERVATION REPORT

Hardin East Middle School, Hardin County Schools, Elizabethtown, KY 201752.01 -CA8

Date: 06/14/2019

Time: 11:00 AM ET

Weather: 70/partly cloudy

Observed by: Joseph Jones

Report No: 1

Est. Completion: 1%

Present on Site:

Dickie Taylor (Project Superintendent), Excavators, Solid Ground Testing Lab

1. Work in Progress

- a. Excavators were moving earth to create the building pad by filling the materials in lifts.

2. General Observations

- a) With excavation and earth moving underway, work on the site has begun. The location off of New Glendale Road will not only be a functional location for the new school, but also affords easy access for construction activities. The adjacent Kentucky State Police post provides the added benefit of safety and security for the school and the construction site.



JRA Architects

3225 Summit Square Place, Suite 200 Lexington, KY 40509
Tel: 1-859 252-6781 Fax: (859) 255-5483 www.jrarchitects.com

- b) The construction office trailer has been placed on the site. Dickie noted that he has moved in as of yet.



- c) The soils materials were relatively dry and workable. Rain is predicted over the weekend. Dickie said the excavator will seal the pad before the end of the day so that the rain will have a reduced impact on the material.



- d) Dickie reported that the excavators are using laser guided equipment to insure the placement of fill in lifts as required by the specifications. Thus far, the compaction reports have been within the specifications.



JRA Architects

3225 Summit Square Place, Suite 200 Lexington, KY 40509
Tel: 1-859 252-6781 Fax: (859) 255-5483 www.jrarchitects.com

- e) The amount of fill placed thus far is evident at the lower elevations of the site.



- f) Dickie reported that the goal is to have the building pad in place by the middle of next week. This will depend on the rainy weather predicted for the first of the week. He said that rain has been a factor thus far.



- g) As required by regulations, slit fencing has been placed around the site to control erosion and runoff.



3. Stored Material:

- a. None at this time.

4. Follow up items:

- a. Review SPIN reports on the placement of fill materials.

Follow up by:

☐ Architect, ☐ Owner, ☐ MEP Engineer, ☐ Structural Engineer, ☐ Civil Engineer
☐ Contractor, ☐ Other

Respectfully submitted,
Joseph Jones
JRA Architects

Cc: 201752.01, CA8