



(PICTORIAL REPRESENTATION)

Projects:

Southwest Licking Local Schools

Site Improvements Package
New 4-5 Elementary School
New High School



Monthly Status Report #11
April 2020

Progress Report No. 11

For the Period Ending April 16th, 2020

Southwest Licking Local Schools

New High School and New 4-5 Elementary

Kandee Engle
Debra Moore
Catherine Spindler
John Vincent
Roger Zeune
Kasey Perkins
Richard Jones
Robert Jennell
Nathan Jones
Eric Baltzell
Curt South
Brian Wolf
Julie Taggart
Michael Maxwell

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Southwest Licking Local Schools
Southwest Licking Local Schools Consultant
Ohio Facilities Construction Commission
Garmann-Miller Architects Engineers
Garmann-Miller Architects Engineers
Garmann-Miller Architects Engineers
Hill International
Hill International

Construction Manager:

Robertson Construction Services, Inc.
1801 Thornwood Drive
Heath, Ohio 43056

Architects:

Garmann-Miller Architects Engineers
38 South Lincoln Drive
P.O. Box 71
Minster, Ohio 45865

Owner's Agent:

Hill International, Inc.
2 Easton Oval #110
Columbus, Ohio 43219



*Southwest Licking Local Schools
New High School and New 4-5 Elementary
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New High School and New 4-5 Elementary
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PROJECT CONTACTS

All Projects

Eric Baltzell, Garmann-Miller (419) 628-4240
Tom Dutton, Garmann-Miller (419) 628-4240
Clay Keith, Robertson (614) 374-4857
Jessica Post, Robertson (740) 814-6742

Site Improvements Package

Shira Elder, Garmann-Miller (419) 628-4240
Mark Keith, Robertson (740) 404-1805
Kevin Mohler, Robertson (740) 503-7218

New 4-5 Elementary School

Curt South, Garmann-Miller (419) 628-4240
Clyde McIntire, Robertson (740) 404-0111
AJ Saunders, Robertson (740) 348-6932

New High School

Brian Wolf, Garmann-Miller (419) 628-4240
Mark Keith, Robertson (740) 404-1805
Kevin Mohler, Robertson (740) 503-7218

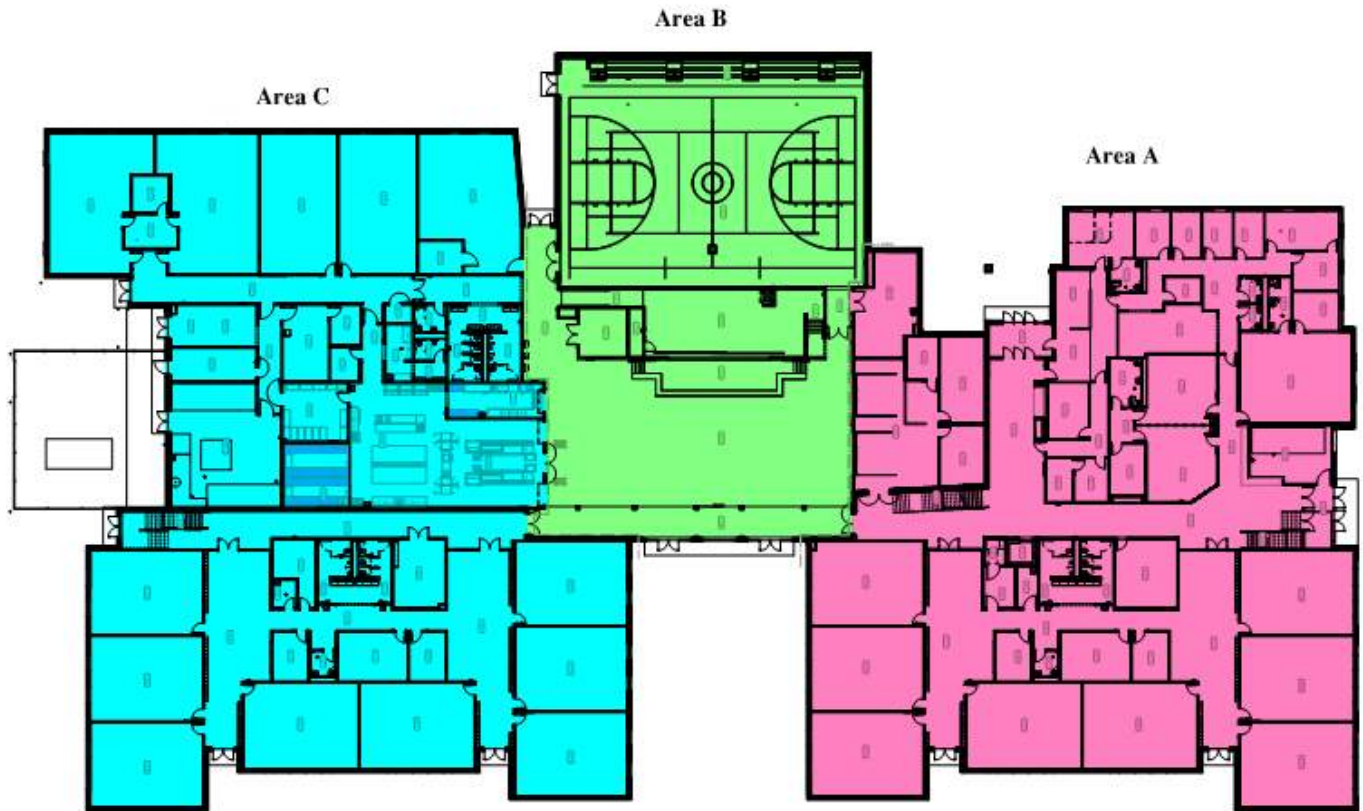
Etna Elementary Renovation

Curt South, Garmann-Miller (419) 628-4240
Clyde McIntire, Robertson (740) 404-0111
AJ Saunders, Robertson (740) 348-6932



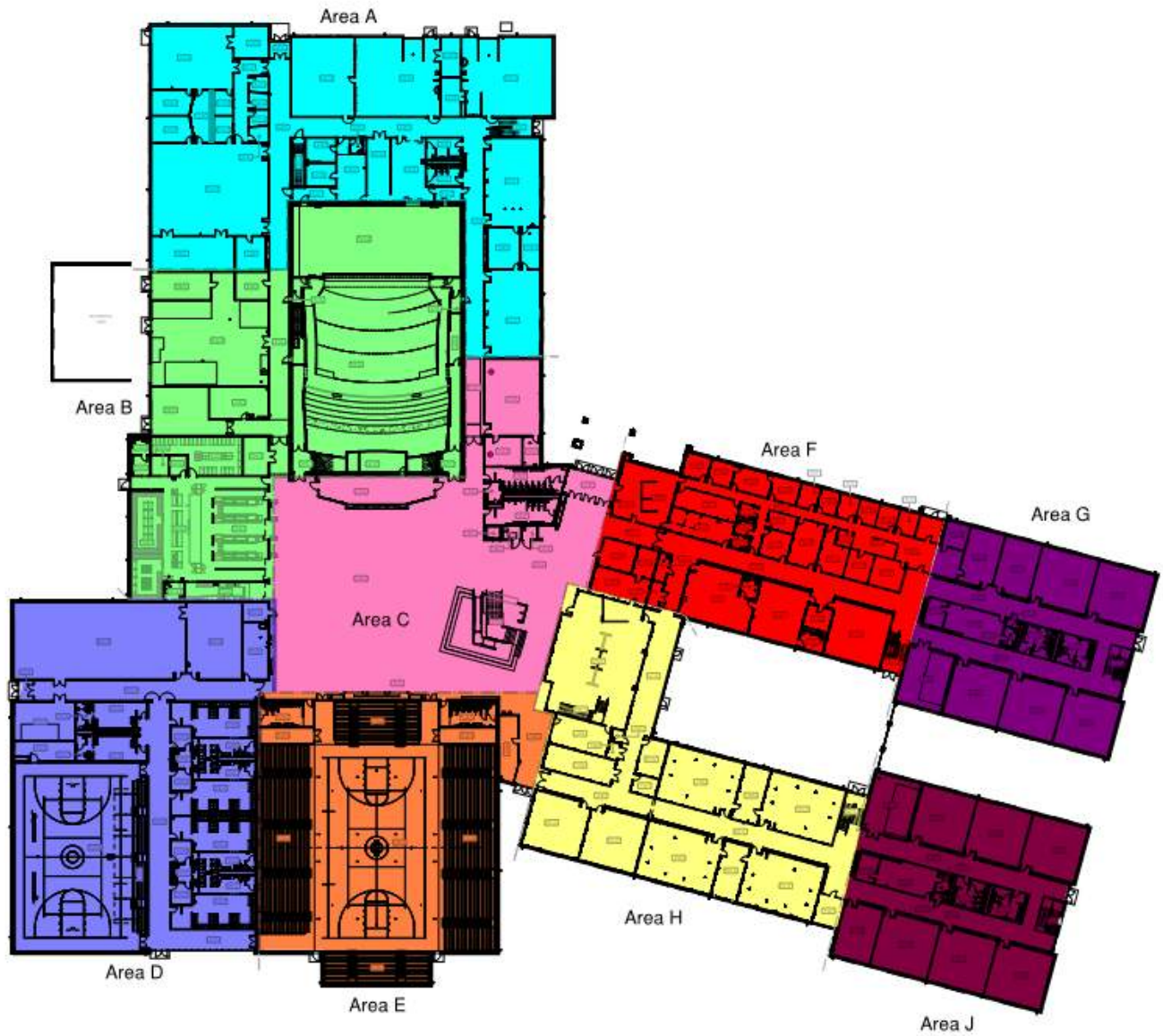
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PROJECT FLOOR PLANS
New 4-5 Elementary School



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PROJECT FLOOR PLANS
New 9-12 High School



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EXECUTIVE SUMMARY

This report has been prepared to provide a project update for the Southwest Licking New 4-5 Elementary School and New High School. It is intended to provide a summary review of the status of the project through April 16th, 2020.

UPCOMING MEETINGS:

April 22nd at 10:00 am – Core Team Meeting (Every Two Weeks)

April 21st at 12:30 pm - New High School Progress Meeting (Every Tuesday)

April 21st at 2:00 pm - New 4-5 Elementary School Progress Meeting (Every Tuesday)

New 4-5 Elementary School

New High School

CALENDAR DAYS TO COMPLETE

Substantial Completion (Nov 10, 2020) 208

CALENDAR DAYS TO COMPLETE

Substantial Completion (Apr 29, 2021) 378

Topsoil, Reseed, Asphalt (May 28, 2021) 407

SCHEDULE & WORK COMPLETED

- Masonry Bearing 1st Floor Area A – 100%
- Structural Steel & Deck 1st Floor Area A – 100%
- Temporary Dry-In Area B – 100%
- Temporary Dry-In 2nd Floor Area A – 90%
- Metal Stud Framing 2nd Floor Area C – 100%
- Metal Stud Framing 2nd Floor Area A – 40%
- Mechanical, Electrical, and Plumbing Rough-Ins 1st Floor Area A – 100%
- Mechanical, Electrical, and Plumbing Rough-Ins Area B – 80%
- Mechanical, Electrical, and Plumbing Rough-Ins 2nd Floor Area C – 50%
- Hang Drywall 1st Floor Area C – 50%
- Masonry Veneer Area C – 85%
- Install Windows Area C – 85%
- Install Metal Roof Panels Area C – 25%

CURRENT ISSUES

- Weather Conditions: rain and mud
- Technology Equipment Package over Budget
- COVID-19 has impacted the job. Three subcontractors did not work at the onset of the Stay at Home Order. All subcontractors are now back onsite.
- Turn around time on approvals of change orders.

SCHEDULE & WORK COMPLETED

- Finalizing Submittal Reviews
- Remaining Structural Steel in Auditorium (pending wall rebuild) – 75%
- 2nd Floor Concrete Slab on Deck Academic Areas F/G & H/J – 100%
- Pour Slab on Grade Area B Mechanical – Scheduled/Weather Dependent
- Roof Structural Steel Areas F2/G2 – 50%
- 1st Floor Interior CMU Walls Areas G/F – 100%
- HVAC Duct Branches and VAVs Area F1 – 95%
- Metal Stud Framing Area F1 – 95%
- Area C Roof Steel and Deck – 100%
- Area D Auxiliary Gym Masonry Bearing – 45%
- Wood Fascia Areas E, C, and B – 90%

CURRENT ISSUES

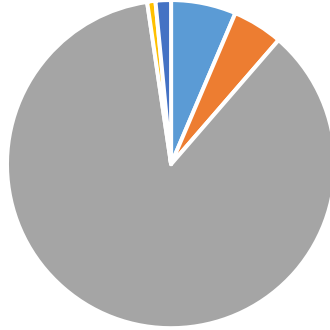
- Failed Auditorium Masonry Wall re-build in progress. Replacement costs approved. Overtime costs are being evaluated by the Insurance Company.
- Returned Stair Shop Drawings & details pursuant multiple RFI detail requests including Terrazzo Treads
- Continue to adjust procedures to attempt to mitigate delays with the onset of the Corona virus COVID-19 and Stay at Home Order.



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PROJECT BUDGETS
Owner Contingency

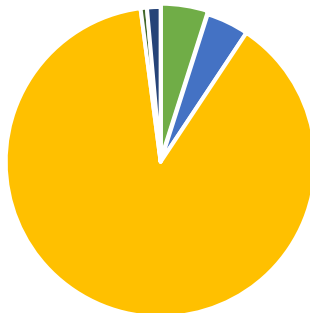
New 4-5 Elementary School
Owner Contingency Usage



- Approved Change Orders
- Pending Change Orders
- Remaining Contingency
- Site Work Approved Change Orders
- Site Work Pending Change Orders

Owner Contingency	
	Elementary School
Original Amount	\$484,786.40
Approved Change Orders	\$31,717.86
Pending Change Orders	\$24,689.22
Remaining Contingency	\$428,379.32
Site Work Approved Change Orders	\$(3,974.62)
Site Work Pending Change Orders	\$7,633.63

New High School
Owner Contingency Usage



- Approved Change Orders
- Pending Change Orders
- Remaining Contingency
- Site Work Approved Change Orders
- Site Work Pending Change Orders

Owner Contingency	
	High School
Original Amount	\$1,304,165.46
Approved Change Orders	\$71,744.86
Pending Change Orders	\$(65,304.38)
Remaining Contingency	\$1,297,724.98
Site Work Approved Change Orders	\$(9,730.96)
Site Work Pending Change Orders	\$20,795.07



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CMR Contingency

Site Improvements Package
CMR Contingency Usage



- Approved Change Orders ■ Pending Change Orders
- Remaining Contingency

CMR Contingency	
	Site Work
Original Amount	\$84,760.00
Approved Change Orders	\$29,932.25
Pending Change Orders	\$5,372.10
Remaining Contingency	\$49,455.65

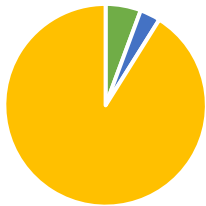
New 4-5 Elementary School
CMR Contingency Usage



- Approved Change Orders ■ Pending Change Orders
- Remaining Contingency

CMR Contingency	
Original Amount	\$343,225.00
Approved Change Orders	\$38,902.81
Pending Change Orders	\$70,546.00
Remaining Contingency	\$233,776.19

New High School
CMR Contingency Usage



- Approved Change Orders ■ Pending Change Orders
- Remaining Contingency

CMR Contingency	
	High School
Original Amount	\$665,549.00
Approved Change Orders	\$37,637.63
Pending Change Orders	\$21,832.00
Remaining Contingency	\$606,079.37



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PROJECT SCHEDULE
Site Improvements Package

RCS Internal Verification Dates

<u>SCHEDULE FROM BID</u>	<u>SCHEDULED</u>	<u>STATUS</u>
<i>Notice to Proceed</i>	<i>February 28, 2019</i>	<i>Complete</i>
<i>Build Building Pad – Elementary School</i>	<i>June 10, 2019</i>	<i>Complete</i>
<i>Build Building Pad – High School</i>	<i>June 26, 2019</i>	<i>Complete</i>
<i>Substantial Completion of Elementary School</i>	<i>November 10, 2020</i>	
<i>Substantial Completion of All Work (less Items Below)</i>	<i>April 29, 2021</i>	
<i>Spread Topsoil, Reseed, and Top Coat of Asphalt</i>	<i>May 28, 2021</i>	

Schedule Two Week Look Ahead

- Substantial Completion – No longer on the critical path. Miscellaneous work will be performed as weather permits and reconvene in the spring.
- Final testing of piping work and water lines completed.
- Work is suspended through the Winter and will resume in the Spring.
- All Critical Path work is complete.



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PROJECT SCHEDULE
New 4-5 Elementary School

RCS Internal Verification Dates

SCHEDULE FROM BASELINE SCHEDULE	SCHEDULED	STATUS
<i>Notice to Proceed</i>	<i>February 28, 2019</i>	<i>Complete</i>
<i>Temporary Dry-In</i>	<i>March 5, 2020</i>	<i>On Track</i>
<i>Permanent Dry-In</i>	<i>May 21, 2020</i>	
<i>Final HVAC Start-Up</i>	<i>May 12, 2020</i>	
<i>Substantial Completion</i>	<i>November 10, 2020</i>	

Schedule Two Week Look Ahead

Site Work

- Pull Wire to Light Pole Bases
- Downspout Leader Install

Area B

- Install Standing Seam Metal Roof Panels
- Install Fire Suppression System
- Install Electrical Rough-Ins

Area C – 1st Floor

- Complete Masonry Veneer
- Continue with Window Installation
- Continue with Metal Roof Panel Install
- Hang and Finish Drywall
- Set Generator
- Prime and First Coat Paint

Area C – 2nd Floor

- Continue with Mechanical, Electrical, and Plumbing Rough-Ins
- Set Door Frames
- Standing Seam Metal Roof

Area A – 1st Floor

- Install Insulation and Ice & Water Shield
- Install Veneer above the Flat Roof
- Install Insulation and Membrane Roofing
- Install Pipe Hangers from Bar Joists

Area A – 2nd Floor

- Install Veneer above the Flat Roof
- Install Insulation and Membrane Roofing
- Continue with Metal Stud Framing
- Mechanical, Electric, and Plumbing Rough-Ins



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PROJECT SCHEDULE
New High School

RCS Internal Verification Dates

<u>MILESTONE SCHEDULE FROM BID</u>	<u>SCHEDULED</u>	<u>STATUS</u>
<i>Notice to Proceed</i>	<i>May 24, 2019</i>	<i>Complete</i>
<i>Substantial Completion of All Work (less items below)</i>	<i>April 29, 2021</i>	
<i>Spread Topsoil, Reseed, and Top Coat of Asphalt</i>	<i>May 28, 2021</i>	

Schedule Two Week Look Ahead

Area B - Kitchen

- Prep and Pour for Concrete Slab on Grade – Mechanical Room
- Prep and Pour for Concrete Slab on Grade - Kitchen

Area C – Student Dining

- Begin Prep and Pour Slab on Grade
- Detail out Structural Steel at 2nd Floor Area C and prep for concrete slab on deck

Area D – Auxiliary Gym/Locker Room

- Continue Masonry Bearing Walls at Auxiliary Gym
- Set Structural Steel joist east side of Area D at Locker Room

Area B - Auditorium

- Continue to Re-lay CMU masonry bearing walls at stage walls
- Set 2nd floor Control Room Structural steel beams
- Pour concrete Stairs adjacent to each side of control room
- Concrete Seating Riser Prep

Area F and G – 1st Floor

- Complete Metal Stud Wall Rough-Ins
- Continue HVAC and Piping Rough-Ins

Area F and G – 2nd Floor

- Set Metal Stairs Area F
- Set Metal Stairs Area G
- Continue Area F/G Steel Roof Joists and Decking
- Continue 2nd Floor Non-Bearing Masonry Walls

Area H and J – 1st Floor

- Complete Interior Non-Bearing Masonry Walls – Areas H1 and J1
- Continue Electrical, HVAC and Plumbing Rough-ins

Area H and J – 2nd Floor

- Complete 2nd Floor Roof CMU Bearing – Areas H2 and J2
- Begin Setting of Roof Structural Steel After Masonry Bearing



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PROJECT DOCUMENTATION
New 4-5 Elementary School

The timely flow of all information is critical to any construction project. Specifically, Submittals (Shop Drawings) and Request for Interpretation are two critical areas that need to be closely monitored to assure a lack of information does not impede the project schedule. The following is a brief summary of the current Submittal and RFI status and is intended to highlight critical items to all parties.

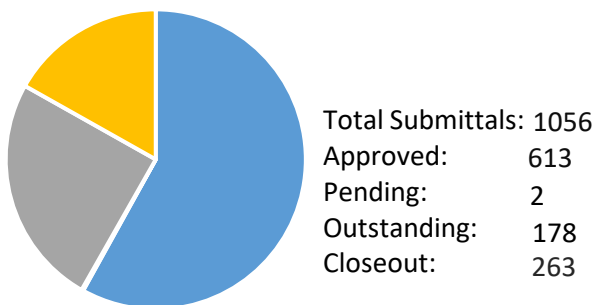
The following items may present potential concerns to the project schedule:

Submittal/RFI

Responsibility

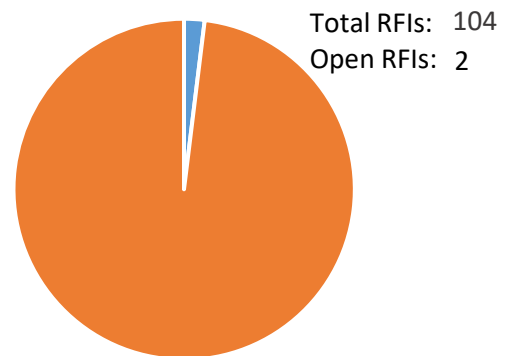
Schedule Concern

New 4-5 Elementary School
Submittals



■ Approved Submittals ■ Pending Submittals
 ■ Closeout Submittals ■ Outstanding Submittals

New 4-5 Elementary School
Request for Information



■ Open RFIs ■ Closed RFIs



Southwest Licking Local Schools
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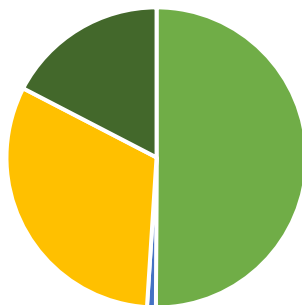
PROJECT DOCUMENTATION
New High School

The timely flow of all information is critical to any construction project. Specifically, Submittals (Shop Drawings) and Request for Interpretation are two critical areas that need to be closely monitored to assure a lack of information does not impede the project schedule. The following is a brief summary of the current Submittal and RFI status and is intended to highlight critical items to all parties.

The following items may present potential concerns to the project schedule:

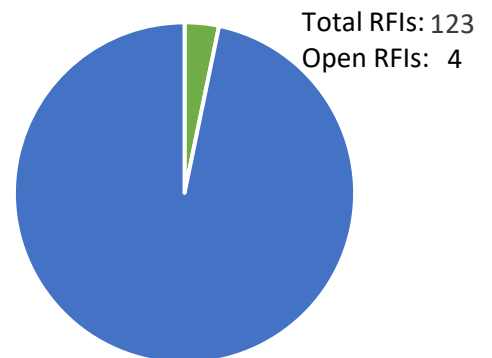
<u>Submittal/RFI</u>	<u>Responsibility</u>	<u>Schedule Concern</u>
Team #94: Metal Stair Shop Drawings	GMAE	Resubmittal of shop drawings contingent on RFI responses
RFI-004/RFI-097: Terrazzo Stair	GMAE	Fabrication is waiting on a solution/ Details for terrazzo treads
RFI-019: Gym Floor	GMAE	HVAC Controls settings may need to be revised to meet the Wood Flooring Specification

**New High School
Submittals**



■ Approved Submittals ■ Pending Submittals
■ Closeout Submittals ■ Outstanding Submittals

**New High School
Request for Information**



■ Open RFIs ■ Closed RFIs



***Southwest Licking Local Schools
New High School and New 4-5 Elementary
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QUALITY CONTROL

New 4-5 Elementary School, Site Improvements Package, and New High School

The monitoring of safety and quality of work is an important issue, which Robertson Construction Services and the Subcontractors take very seriously. Robertson continually monitors the Subcontractor's safety practices and quality of work via on-site inspections.

Quality Control

We are reviewing all of the "work in place" to verify it was installed as designed. Any discrepancies from the Contract Documents are listed in field reports and distributed to the proper Subcontractor for corrections. We also discuss the items in our weekly subcontractor meetings to ensure each concern has proper closure. The entire Design Team has taken a thorough and proactive approach to items. Robertson continues to monitor the reports from Geotechnical Consultants Inc. Corrections are being made in response to these reports.

Additionally, pre-installation meetings are being scheduled with the Architect and appropriate subcontractors to ensure the work is consistent with the contract specifications and on par with quality standards.

Thus far we have held the following pre-installation meetings:

- Elementary Cast-In-Place Concrete (Footings) – July 23rd at 3:00 pm
- High School Cast-In-Place Concrete (Footings) – August 8th, 2019
- Elementary & High School Unit Masonry – July 30th at 3:00 pm
- Elementary & High School Cast-In-Place Concrete (Slab on Grade) – August 27th at 1:00 pm
- Elementary & High School Membrane and Sheet Metal Roofing – October 8th at 3:00 pm
- Elementary & High School Mechanical Materials/Methods – November 5th at 10:00 am
- Elementary & High School Fire Protection Materials/Methods – November 19th at 10:00 am
- Elementary & High School Plumbing Materials/Methods – November 19th at 9:00 am
- Site Work Clearing and Grubbing – March 7th, 2019
- Elementary Stone Masonry Veneer
- Elementary Storefronts, Curtain Walls, and Glazing – March 17th

The following Pre-Installation Meetings are to be scheduled:

- High School Storefronts, Curtain Walls, and Glazing

The Following Pre-Installation Meetings are to be held per the Specifications:

- | | |
|---|--|
| • Door Hardware – Pre-Installation | • Resinous Matrix Terrazzo and Quartz Flooring |
| • Wood Flooring | • Window Shades |
| • Resilient Flooring and Tiling | • Educational and Library Casework |
| • Sound, Video, & Communication Systems | • Telescoping Bleachers |
| • High School Theater & Stage Equipment | • Hydraulic Elevators |
| • Technology Kick-Off Meeting | • Grading |
| • Communication Metal Support | • Polished Concrete Floor System |
| | • High School Stone Masonry Veneer |



***Southwest Licking Local Schools
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***SAFETY
New 4-5 Elementary School***

June 2019 – There have been no safety issues this month.

July 2019 – There have been no safety issues this month. A safety audit was held by Robertson on July 2nd, 2019 with no safety violations observed.

August 2019 – There have been no safety issues this month.

September 2019 – There have been no safety issues this month.

October 2019 – A safety audit was held by Robertson on September 19th, 2019. Five (5) safety violations were noted on the audit, all violations were abated that day.

November 2019 – A third-party inspection was conducted by Ogle on October 23rd, 2019. There were eight (8) violation that were noted and abated immediately. Subcontractors instituted scaffolding tag-out and tag-in procedures on site.

December 2019 – A safety audit was held by Robertson on December 5th, 2019. Five (5) safety violations were noted on the audit, all violations were abated that day.

January 2020 – A third-party inspection was conducted by Ogle on January 6th, 2020. Ten (10) safety violations were noted on the audit and were abated immediately.

February 20, 2020 – A safety audit was held by Robertson on February 20th, 2020. Thirteen (13) safety violations were noted on the audit and all items were abated that day.

March 27, 2020 – A safety audit was held by Robertson on March 27th, 2020. Four (4) safety violations were noted on the audit and all items were abated.

RCS also continues to perform monthly safety audits, and the Subcontractors quickly abate any concerns noted during the walkthrough.



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***SAFETY
Site Improvements and New High School***

June 2019 – There have been no safety issues this month.

July 2019 – There have been no safety issues this month. A safety audit was held by Robertson on July 2nd, 2019 with no safety violations observed.

August 2019 – There have been no safety issues this month.

September 2019 – There have been no safety issues this month.

October 2019 – A safety audit was held by Robertson on September 19th, 2019. Two (2) safety violations were noted on the audit, all violations were abated that day.

November 2019 – A third-party inspection was conducted by Ogle on October 23rd, 2019. There were two (2) violation that were noted and abated immediately.

December 2019 – A safety audit was held by Robertson on December 5th, 2019. One (1) safety violation was noted on the audit and it was immediately abated.

December 6th, 2019 – Masonry wall at Auditorium fell. No serious injuries. Insurance carriers and engineers are reviewing conditions. (01/13/2020) *The cleanup has been completed.*

January 2020 – A third-party inspection was conducted by Ogle on January 6th, 2020. Three (3) safety violations were noted and they were abated that day.

February 20, 2020 – A safety audit was held by Robertson on February 20th, 2020. Seven (7) safety violations were noted on the audit and all items were abated that day.

March 27, 2020 – A safety audit was held by Robertson on March 27th, 2020. One (1) safety violation was noted on the audit and it was abated that day.

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***PROGRESS PHOTOS
New 4-5 Elementary School***



Area C 2nd Floor Framing and Drywall
April 3, 2020



Area B Student Dining Catwalk
April 3, 2020



Area C1 Drywall
April 3, 2020

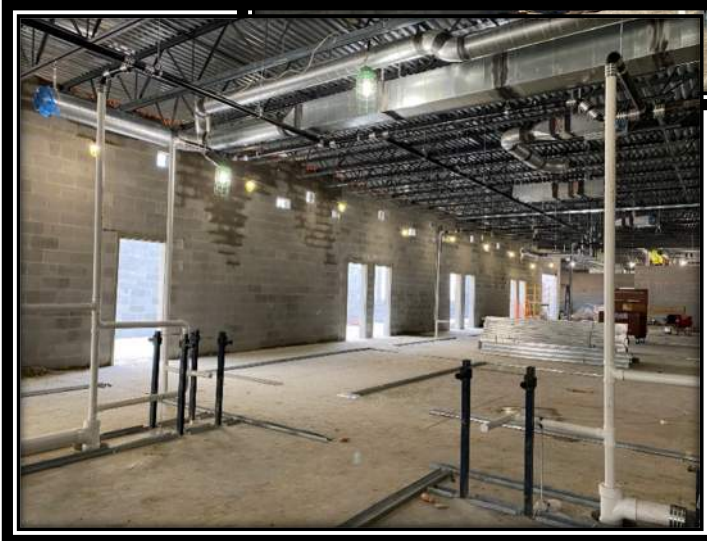


Area C Exterior Masonry Veneer
April 3, 2020



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***PROGRESS PHOTOS
New 9-12 High School***



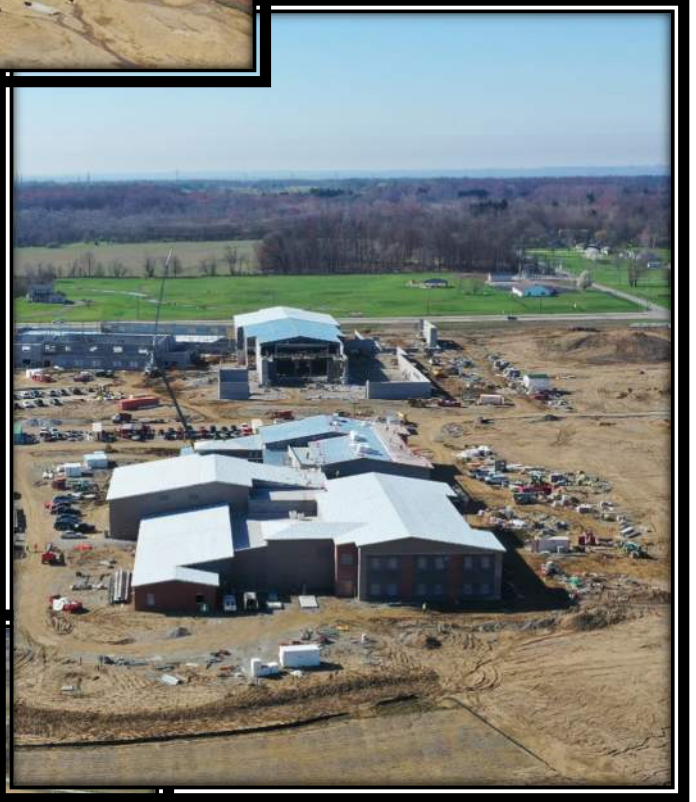
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***PROGRESS PHOTOS
Drone Footage***



**North View of
Elementary School
April 6, 2020**

**Northeast View of the Campus
April 6, 2020**



**Northeast View
of High School
April 6, 2020**



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Overall Site View
from Smoke Rd
April 6, 2020

Southeast View of Elementary
School (From Area A)
March 6, 2020



East View of the High School
from the Academic Wings
April 6, 2020

