



(PICTORIAL REPRESENTATION)

## Projects:

Southwest Licking Local Schools

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



**Monthly Status Report #09**  
*February 2020*

***Progress Report No. 09***  
***For the Period Ending February 20<sup>th</sup>, 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

Southwest Licking Local Schools  
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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  
Progress Report No. 09, February 20<sup>th</sup>, 2020*

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***Southwest Licking Local Schools  
New High School and New 4-5 Elementary  
Progress Report No. 09, February 20<sup>th</sup>, 2020***

***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***

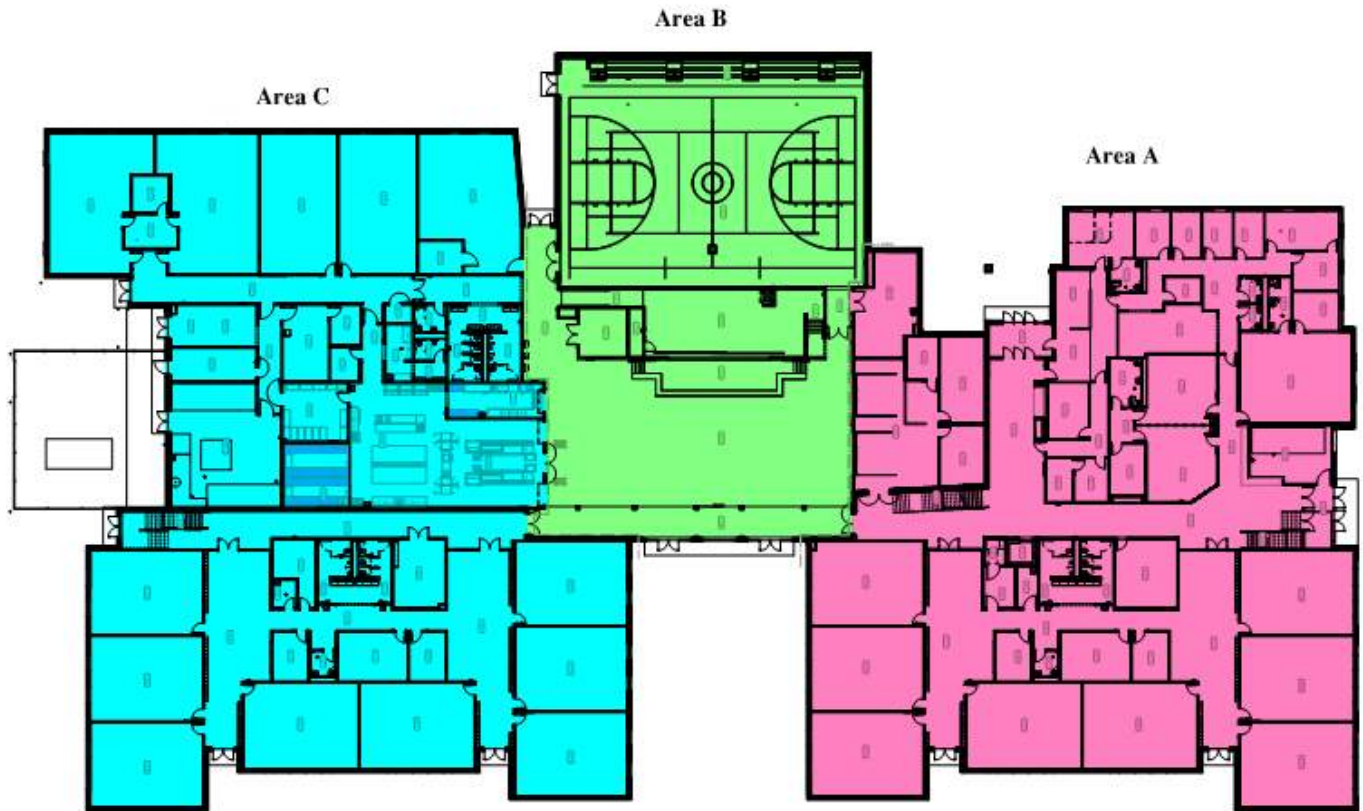
Curt South, Garmann-Miller (419) 628-4240  
Clyde McIntire, Robertson (740) 404-0111  
AJ Saunders, Robertson (740) 348-6932





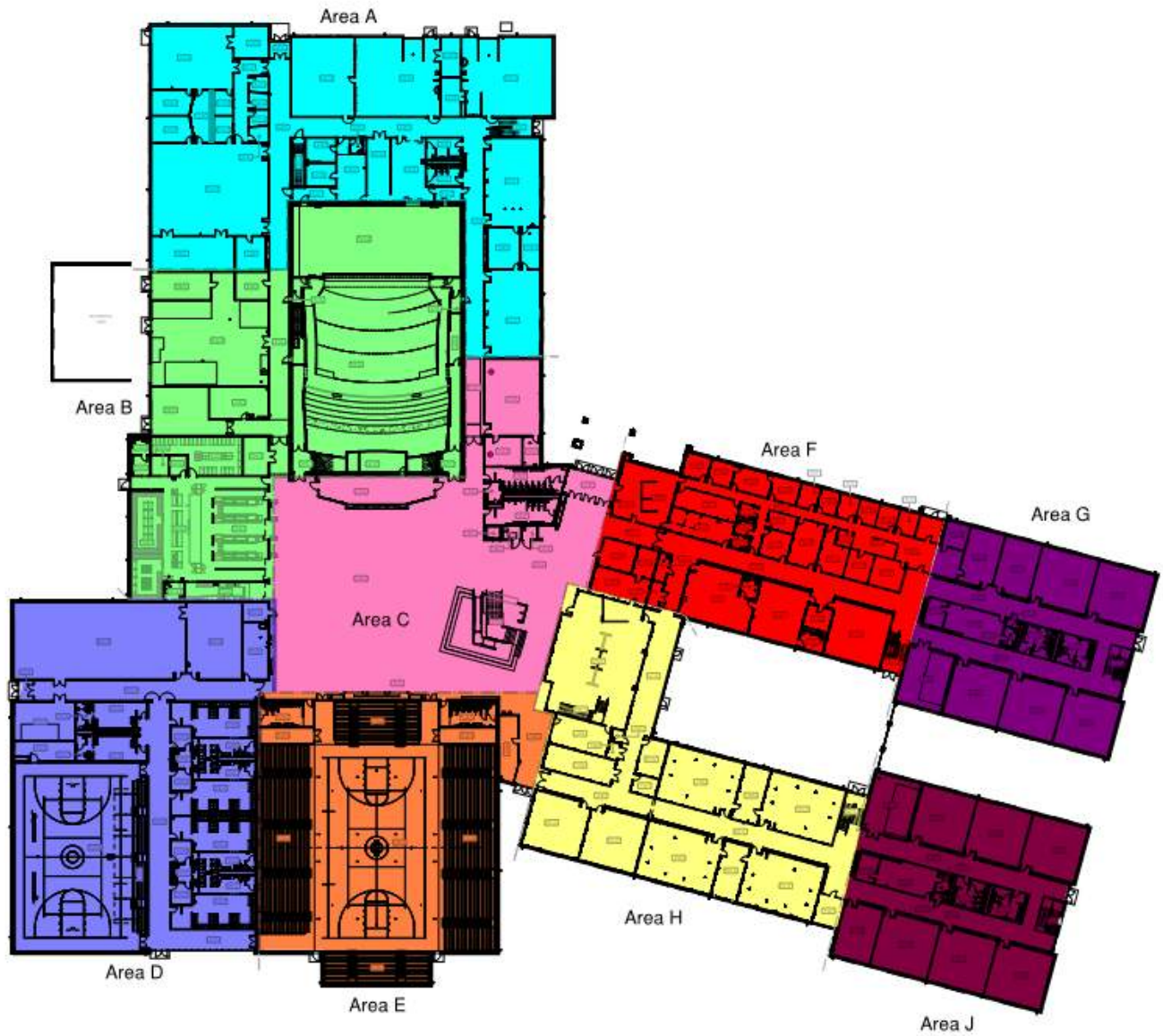
*Southwest Licking Local Schools  
New High School and New 4-5 Elementary  
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**PROJECT FLOOR PLANS**  
*New 4-5 Elementary School*



*Southwest Licking Local Schools  
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**PROJECT FLOOR PLANS**  
*New 9-12 High School*



**Southwest Licking Local Schools**  
**New High School and New 4-5 Elementary**  
**Progress Report No. 09, February 20<sup>th</sup>, 2020**

**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 February 20th, 2020.

**UPCOMING MEETINGS:**

February 26<sup>th</sup> at 10:00 am – Core Team Meeting (Every Two Weeks)

January 25<sup>th</sup> at 12:30 pm - New High School Progress Meeting (Every Tuesday)

January 25<sup>th</sup> at 2:00 pm - New 4-5 Elementary School Progress Meeting (Every Tuesday)

***New 4-5 Elementary School***

**CALENDAR DAYS TO COMPLETE**

Substantial Completion (Nov 10, 2020) 264

**SCHEDULE & WORK COMPLETED**

Previous Month:

- First Floor Masonry at Area A – 75%
- Masonry Veneer at Area C – 30%
- Masonry Veneer at Area B – 25%
- 2nd Floor Masonry Bearing at Area A – 50%
- Student Dining Roof Structural Steel – 90%
- Area A1 2nd Floor Concrete Pour – 100%

This Month:

- 2nd Floor Masonry Bearing Area C – 100 %
- 2nd Floor Steel Erection & Decking Area C – 60%
- 2nd Mechanical, Electrical, and Plumbing Rough-In Area C – 25%
- Temporary Dry-In Area C – 80%
- 1<sup>st</sup> Floor Wall Framing Area C – 100%
- 1<sup>st</sup> Mechanical, Electrical, and Plumbing Rough-In Area C – 75%
- 1<sup>st</sup> Floor Wall Framing Area A – 50%

**CURRENT ISSUES**

- Weather Conditions: rain, cold, mud, and ice
- Mortar Color

***New High School***

**CALENDAR DAYS TO COMPLETE**

Substantial Completion (Apr 29, 2021) 434  
 Topsoil, Reseed, Asphalt (May 28, 2021) 463

**SCHEDULE & WORK COMPLETED**

Previous Month:

- Shop Drawing & Submittal Review
- Coordination Drawings Completed
- Set AHUs in Place Areas G/J and Gym
- Set Structural Steel in Auditorium – 70%
- Areas H-J Plumbing and Electrical – 100%
- Area B Kitchen Plumbing – 100%
- Underground Plumbing Area C – 90%
- Underground Electrical Area C – 90%
- Masonry in Areas G/F & J/H – 100%

This Month:

- Roof Steel and Decking, Ice & Water Shield at Gym – 100%
- Reset Proscenium Steel
- Underground Plumbing Area B Kitchen – 95%
- Underground Electric Area B Kitchen – 30%
- Set Floor Structural Steel Areas G/F – 15%
- Set Floor Structural Steel Areas J/H – 5%
- Underground Plumbing Area D – 90%
- Interior CMU Areas G/F & J/H – 20%

**CURRENT ISSUES**

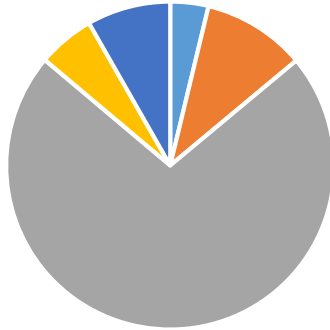
- Masonry Winter Protection, continuing to track costs
- Failed Auditorium Masonry Wall, cleanup complete and rebuild cost being procured
- Reset Proscenium wall
- GMAE to return Stair Shop Drawings & RFI-091
- Structural Issues – RFI-102: Steel Lintel Details and Bridging Elevation



**Southwest Licking Local Schools**  
**New High School and New 4-5 Elementary**  
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**PROJECT BUDGETS**  
**Owner Contingency**

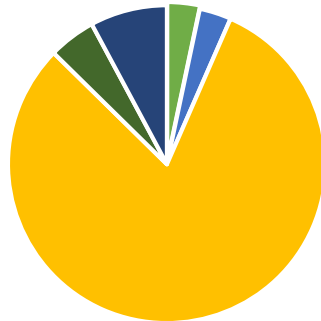
New 4-5 Elementary School  
Owner Contingency Usage



- 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	\$21,121.52
Pending Change Orders	\$57,292.16
Remaining Contingency	\$406,372.72
Site Work Approved Change Orders	\$(31,529.54)
Site Work Pending Change Orders	\$46,489.85

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	\$53,451.86
Pending Change Orders	\$(52,391.47)
Remaining Contingency	\$1,303,105.07
Site Work Approved Change Orders	\$(77,193.02)
Site Work Pending Change Orders	\$126,644.76

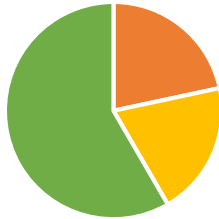




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**CMR Contingency**

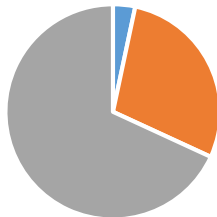
Site Improvements Package  
CMR Contingency Usage



■ Approved Change Orders ■ Pending Change Orders  
 ■ Remaining Contingency

CMR Contingency	
	Site Work
Original Amount	\$84,760.00
Approved Change Orders	\$18,359.50
Pending Change Orders	\$16,944.86
Remaining Contingency	\$49,455.64

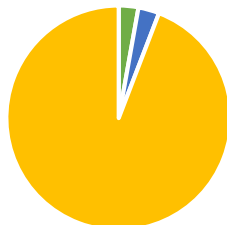
New 4-5 Elementary School  
CMR Contingency Usage



■ Approved Change Orders ■ Pending Change Orders  
 ■ Remaining Contingency

CMR Contingency	
Original Amount	\$343,225.00
Approved Change Orders	\$11,343.17
Pending Change Orders	\$98,105.64
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	\$18,700.00
Pending Change Orders	\$19,979.09
Remaining Contingency	\$626,869.91



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***PROJECT SCHEDULE  
Site Improvements Package***

***RCS Internal Verification Dates***

<b><u>SCHEDULE FROM BID</u></b>	<b><u>SCHEDULED</u></b>	<b><u>STATUS</u></b>
<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 preformed as weather permits and reconvene in the spring.
- Work is suspended through the Winter and will resume in the Spring.
- All Critical Path work is complete.



*Southwest Licking Local Schools  
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**PROJECT SCHEDULE**  
*New 4-5 Elementary School*

***RCS Internal Verification Dates***

<b><u>SCHEDULE FROM BASELINE SCHEDULE</u></b>	<b><u>SCHEDULED</u></b>	<b><u>STATUS</u></b>
<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***

- Main Technology Install

***Area B***

- Student Dining West Bearing Walls
- Complete Roof Steel at Student Dining
- Install Roof Blocking at Student Dining
- Install Masonry Veneer on Gym
- Install Insulation, Ice & Water Shield

***Area C – 1<sup>st</sup> Floor***

- Hang Drywall in East Classrooms
- Continue with HVAC, Electrical, and Plumbing Rough-Ins
- Install Metal Roof Panels

***Area C – 2<sup>nd</sup> Floor***

- Complete Decking Install
- Roof Blocking
- Install Insulation, Ice & Water Shield

***Area A – 1<sup>st</sup> Floor***

- Area A Masonry Bearing Walls
- Install Stair AST2
- HVAC, Electrical, and Plumbing Rough-Ins
- Wall Framing

***Area A – 2<sup>nd</sup> Floor***

- Concrete Slab on Deck Pour
- CMU Roof Bearing
- Install Bar Joist & Decking



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**PROJECT SCHEDULE**  
*New High School*

*RCS Internal Verification Dates*

<b><u>MILESTONE SCHEDULE FROM BID</u></b>	<b><u>SCHEDULED</u></b>	<b><u>STATUS</u></b>
<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**

- Underground Plumbing
- Underground Electric

**Area C**

- Masonry Bearing Walls
- Elevator Masonry Walls

**Area D**

- Masonry Bearing Walls at Auxiliary Gym

**Area B - Auditorium**

- Set Auditorium Roof Steel

- Re-Set Proscenium Beam

**Area F and G – 1<sup>st</sup> Floor**

- Floor Structural Steel Erection

**Area F and G – 2<sup>nd</sup> Floor**

- Interior Masonry Walls

**Area H and J – 1<sup>st</sup> Floor**

- Interior Masonry Walls

**Area H and J – 2<sup>nd</sup> Floor**

- Floor Structural Steel Erection





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

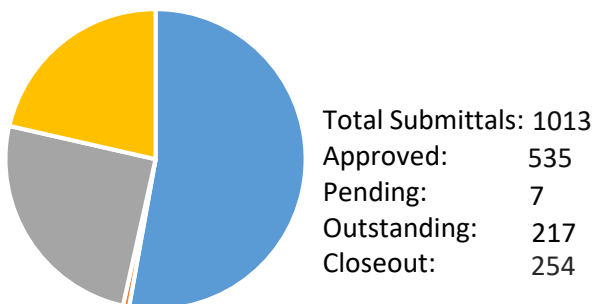
*The following items may present potential concerns to the project schedule:*

Submittal/RFI

Responsibility

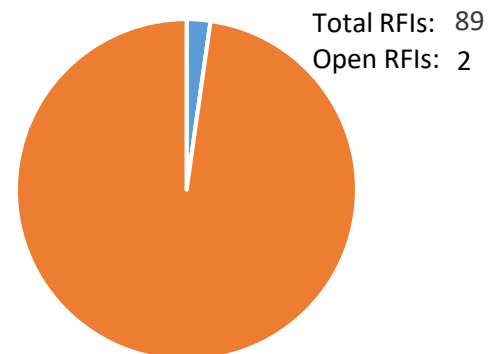
Schedule Concern

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**  
**New High School and New 4-5 Elementary**  
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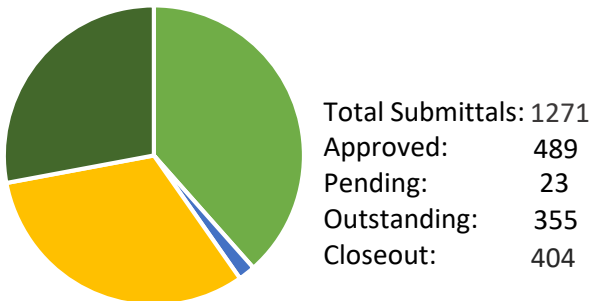
**PROJECT DOCUMENTATION**  
**New High School**

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.

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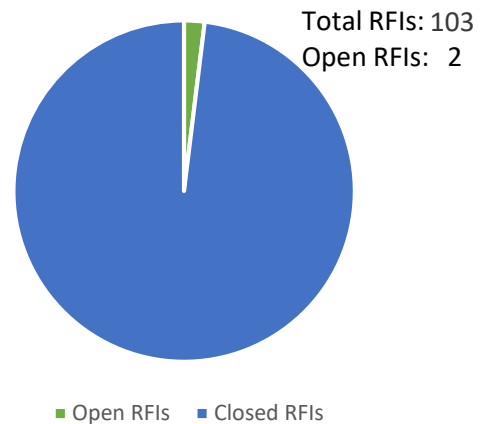
<u>Submittal/RFI</u>	<u>Responsibility</u>	<u>Schedule Concern</u>
Team #94: Metal Stair Shop Drawings	GMAE	Fabrication is waiting on approval of shop drawings
RFI-097: Terrazzo Stair	GMAE	Fabrication is waiting on a solution
RFI-073: Kitchen Equipment Color Selection	GMAE	Some equipment cannot be released until a color selection is made
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 23<sup>rd</sup> at 3:00 pm
- High School Cast-In-Place Concrete (Footings) – August 8<sup>th</sup>, 2019
- Elementary & High School Unit Masonry – July 30<sup>th</sup> at 3:00 pm
- Elementary & High School Cast-In-Place Concrete (Slab on Grade) – August 27<sup>th</sup> at 1:00 pm
- Elementary & High School Membrane and Sheet Metal Roofing – October 8<sup>th</sup> at 3:00 pm
- Elementary & High School Mechanical Materials/Methods – November 5<sup>th</sup> at 10:00 am
- Elementary & High School Fire Protection Materials/Methods – November 19<sup>th</sup> at 10:00 am
- Elementary & High School Plumbing Materials/Methods – November 19<sup>th</sup> at 9:00 am
- Site Work Clearing and Grubbing – March 7<sup>th</sup>, 2019
- Elementary Stone Masonry Veneer

The following Pre-Installation Meetings are to be scheduled:

- Elementary Storefronts, Curtain Walls, and Glazing – March 17<sup>th</sup>

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

- |   |  |
|---|--|
| • High School Storefronts, Curtain Walls, and Glazing | • Resinous Matrix Terrazzo and Quartz Flooring |
| • Door Hardware – Pre-Installation                    | • Window Shades                                |
| • Wood Flooring                                       | • Educational and Library Casework             |
| • Resilient Flooring and Tiling                       | • Telescoping Bleachers                        |
| • Sound, Video, & Communication Systems               | • Hydraulic Elevators                          |
| • High School Theater & Stage Equipment               | • Grading                                      |
| • Technology Kick-Off Meeting                         | • Polished Concrete Floor System               |
| • Communication Metal Support                         | • 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 2<sup>nd</sup>, 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 19<sup>th</sup>, 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 23<sup>rd</sup>, 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 5<sup>th</sup>, 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 6<sup>th</sup>, 2020. Ten (10) safety violations were noted on the audit and were abated immediately.

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





***Southwest Licking Local Schools  
New High School and New 4-5 Elementary  
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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 2<sup>nd</sup>, 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 19<sup>th</sup>, 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 23<sup>rd</sup>, 2019. There were two (2) violation that were noted and abated immediately.

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

December 6<sup>th</sup>, 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 6<sup>th</sup>, 2020. Three (3) safety violations were noted and they were abated that day.

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



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

**Area C Masonry Veneer  
February 11, 2020**



**Overlook of Area B Student Dining  
February 18, 2020**



**Mechanical Room C Air Handling Unit  
February 18, 2020**



**Area C East  
Classrooms Framing  
and Drywall  
February 18, 2020**

**Area C 2<sup>nd</sup> Floor Structural  
Steel and Plumbing Rough-Ins  
February 18, 2020**





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



**Area D Masonry Wall and Concrete Pour  
Prep  
February 18, 2020**

**Area B Auditorium and  
Industrial Arts  
February 18, 2020**



**Area H Acid Masonry and Waste  
Plumbing  
February 18, 2020**



**Area C Interior Masonry  
Bearing Walls  
February 18, 2020**



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***PROGRESS PHOTOS  
Drone Footage***



**Southwest View of the Campus  
February 3, 2020**

**View from the Academic  
Wing  
February 3, 2020**



**Area H Concrete Pour  
February 3, 2020**





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**Masonry Veneer on Areas B and  
C View from the Northeast  
February 3, 2020**

**View of the Second Floor  
Area A  
February 3, 2020**



**Overall View of the Campus  
from the East  
February 3, 2020**

