





Projects:

Southwest Licking Local Schools

Site Improvements Package New 4-5 Elementary School New High School **Etna Elementary Renovations** Watkins High School to Middle School Renovations



Monthly Status Report #29 November 2021

Southwest Licking Local Schools New High School, New 4-5 Elementary, Etna Elementary, & Watkins HS to MS

Progress Report No. 29, November 18th, 2021

Progress Report No. 29

For the Period Ending November 18th, 2021

Southwest Licking Local Schools

New High School, New 4-5 Elementary, Etna Elementary Renovations, & Watkins HS to MS Renovations

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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, New 4-5 Elementary, Etna Elementary, & Watkins HS to MS Progress Report No. 29, November 18th, 2021

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Southwest Licking Local Schools

New High School, New 4-5 Elementary, Etna Elementary, & Watkins HS to MS Progress Report No. 29, November 18th, 2021

PROJECT CONTACTS

All Projects		New High School	
Eric Baltzell, Garmann-Miller	(419) 628-4240	Brian Wolf, Garmann-Miller	(419) 628-4240
Clay Keith, Robertson	(614) 374-4857	Mark Keith, Robertson	(740) 404-1805
Jessica Hall, Robertson	(740) 814-6742	Kevin Mohler, Robertson	(740) 503-7218
Site Improvements Package		Etna Elementary Renovation	
Shira Elder, Garmann-Miller	(419) 628-4240	Curt South, Garmann-Miller	(419) 628-4240
Mark Keith, Robertson	(740) 404-1805	Clyde McIntire, Robertson	(740) 404-0111
Kevin Mohler, Robertson	(740) 503-7218	AJ Saunders, Robertson	(740) 348-6932

New 4-5 Elementary School

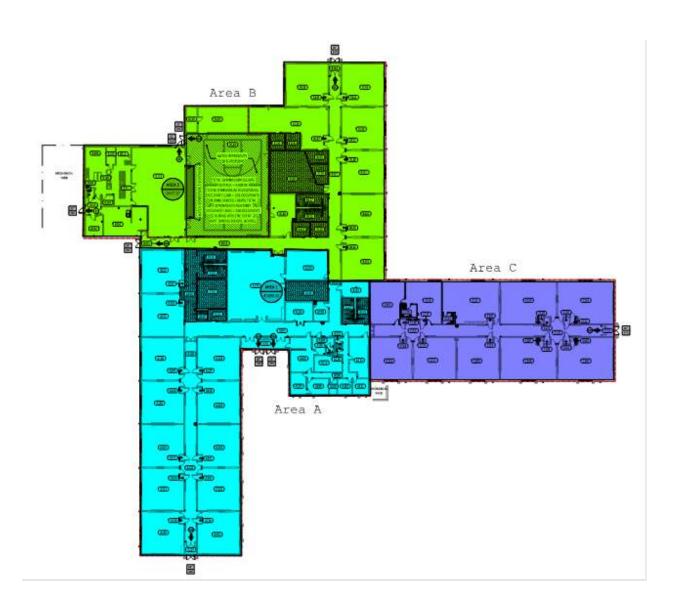
Curt South, Garmann-Miller (419) 628-4240 Clyde McIntire, Robertson (740) 404-0111 AJ Saunders, Robertson (740) 348-6932

Watkins Renovation

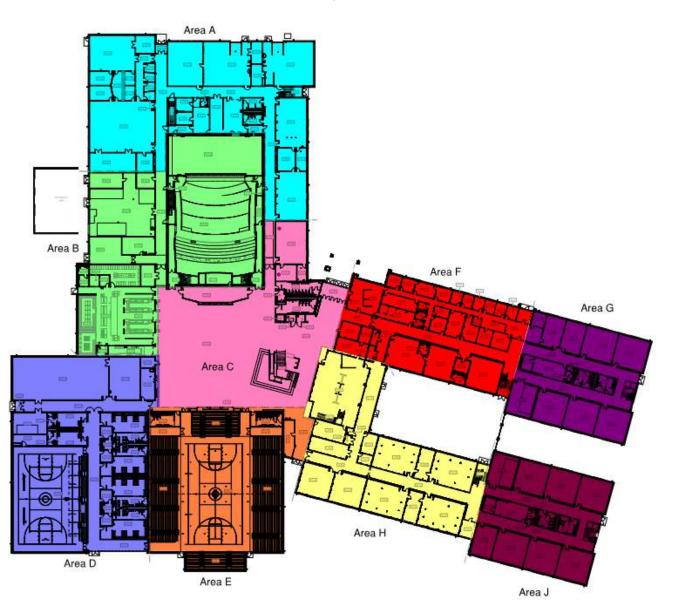
Ted Musielewicz, Garmann-Miller (419) 628-4240 Mark Keith, Robertson (740) 404-1805 Kevin Mohler, Robertson (740) 503-7218



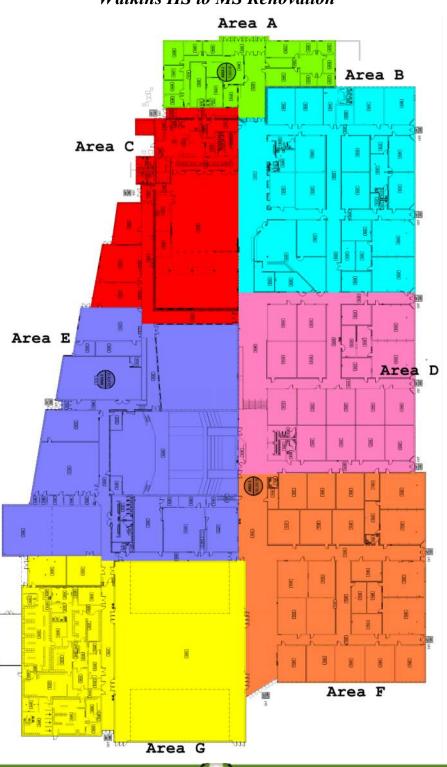
PROJECT FLOOR PLANS Etna Elementary School



PROJECT FLOOR PLANS New 9-12 High School



PROJECT FLOOR PLANS Watkins HS to MS Renovation



EXECUTIVE SUMMARY

This report has been prepared to provide a project update for the Southwest Licking New High School, the Etna Elementary Renovations, and the Watkins High School to Middle School Renovation. It is intended to provide a summary review of the status of the project through November 18th, 2021.

UPCOMING MEETINGS:

December 8th at 10:00 am – Core Team Meeting (Once a Month) November 23rd 2:00 pm – Etna Elementary School Renovation Progress Meeting (Every Tuesday) December 9th at 11:00 am – Watkins Renovation Progress Meeting (Every Other Thursday)

Etna Elementary Renovations CALENDAR DAYS TO COMPLETE

Substantial Completion (Nov 28, 2021) 10

SCHEDULE & WORK COMPLETED

- Area C
 - o Electrical Wall Devices Install 100%
 - o Technology Wall Devices Install 100%
 - o Signage Install 100%
 - o Terrazzo Tile Replacement 100%
 - o Loose Furnishings Install 95%
 - o CM Punch & Corrections 100%
 - o Final Cleaning 75%
- Area A
 - o Final Coat Paint 100%
 - o Electrical Wall Devices Install 100%
 - o Technology Wall Devices Install 100%
 - o Signage Install 100%
 - Loose Furnishings Install 95%
 - o CM Punch & Corrections 100%
 - o Final Cleaning 75%
- Area B
 - o Final Coat Paint 100%
 - o Drop Ceiling Tile 100%
 - o Electrical Wall Devices Install 100%
 - o Technology Wall Devices Install 100%
 - o Signage Install 100%
 - o Terrazzo Tile Replacement 100%
 - o Loose Furnishings Install 95%
 - o CM Punch & Corrections 100%
 - o Final Cleaning 75%
- Site Work

Watkins HS to MS Renovation CALENDAR DAYS TO COMPLETE

242

Substantial Completion (July 18, 2022)

SCHEDULE & WORK COMPLETED

- Area F
 - o Piping Insulation 30%
 - o Finish Drywall 90%
 - o HVAC Duct Branches 100%
 - Setting Door Frames 90%
 - o Hang/ Finish Soffits 90%
- Area D
 - o HVAC Hydronic Piping 90%
 - o Plumbing Insulation 50%
 - o Finish Drywall 40%
 - o Door Frame Install 90%
 - Hang/ Finish Soffits 20%
 - o Electrical Feeder Conduit 10%
- Area C
 - Underground Sanitary 75%
 - o Masonry Infills 80%
- Area B
 - o HVAC Hydronic Piping 70%
 - o Hang Drywall 70%
 - o Finish Drywall 20%
 - o Door Frame Install 90%
 - o Above Ground Sanitary Rough-In 10%
- Area E
 - o HVAC Piping 60%
 - o Fire Alarm Conduit 40%
- Area A
 - o Fire Alarm Conduit 50%

Southwest Licking Local Schools

New High School, New 4-5 Elementary, Etna Elementary, & Watkins HS to MS Progress Report No. 29, November 18th, 2021

- o Site Lighting 100%
- o Site Grading 90%
- o Cedar Soffit Repair 100%
- o Asphalt Paving 50%
- Playground Equipment Install 100%

CURRENT ISSUES

- DAS test failed. A DAS system will need to be added to the project.
- DAS System will take 4 weeks to get materials and 2 weeks to install
- Dark Fiber Loop Install not complete will impact the functioning of the phone system and final set up of data systems.
- Some loose furnishing items are back ordered (rocking chairs) or arrived damaged (teachers desks) and need to be replaced.
- Basketball backboards arrived damaged and need to be replaced.

- o Electrical Stud Rough-In 80%
- o Overhead and IN-Wall Water 20%
- o Above Ground Sanitary Rough 10%
- Area G
 - o HVAC Demolition 50%
- Roofing
 - o Continue Roofing Areas F/D 50%

CURRENT ISSUES

- Establishing Water Meter pit Size and securing Final Permit, pursuant available design pressures and water department requirements
- Generator Lead time moved out 6 months due to component availability
- Fiber lead time 102 weeks/ Substitution request in review to mitigate

New High School CALENDAR DAYS TO COMPLETE

Final Occupancy Achieved on July 2, 2021

SCHEDULE & WORK COMPLETED

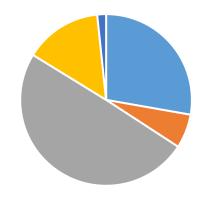
- Owner Proposal Requests for Additional Work
- Complete Detention Pond work/ seeding weather contingent.
- Completion of final punch list items, HS Teacher Correction Items, Owner Walk-Through Concerns

CURRENT ISSUES

 Market Conditions/ Material delivery issues to complete or correct remaining punch items and new PR work.

PROJECT BUDGETS Owner Contingency

New 4-5 Elementary School Owner Contingency Usage

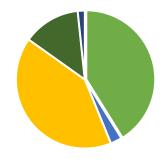


Owner Contingency		
	Elementary School	
Original Amount	\$484,786.40	
Approved Change Orders	\$160,737.63	
Pending Change Orders*	\$37,009.03	
Remaining Contingency	\$287,039.74	
Site Work Approved Change Orders	\$84,338.28	
Site Work Pending Change Orders	\$9,551.63	
*Contains the Technology Equipment overage		

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

Owner Contingency	
	High School
Original Amount	\$1,304,165.46
Approved Change Orders	\$632,420.82
Pending Change Orders	\$41,059.26
Remaining Contingency	\$630,685.38
Site Work Approved Change Orders	\$206,483.37
Site Work Pending Change Orders	\$26,019.95

New High School Owner Contingency Usage



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

PROJECT BUDGETS Owner Contingency

Etna Elementary Renovation Owner Contingency Usage



 Owner Contingency

 Etna

 Original Amount
 \$158,924.60

 Approved Change Orders*
 \$872,682.33

 Pending Change Orders
 \$121,799.23

 Remaining Contingency
 \$(835,556.96)

 *Includes Accepted Alternates (\$ 607,215)

- Approved Change Orders
- Pending Change Orders
- Remaining Contingency

Owner Contingency	
	Watkins
Original Amount	\$581,626.79
Approved Change Orders	\$190,666.79
Pending Change Orders*	\$293,954.63
Remaining Contingency	\$97,005.37
*Includes Accepted Alternates (\$ 60,7215)	

Watkins HS to MS Renovation Owner Contingency Usage



PROJECT BUDGETS CMR Contingency

Site Improvements Package CMR Contingency Usage



- CMR Contingency

 Site Work

 Original Amount \$84,760.00

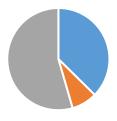
 Approved Change Orders \$83,265.56

 Pending Change Orders \$646.40

 Remaining Contingency \$848.04
- Approved Change Orders Pending Change Orders
- Remaining Contingency

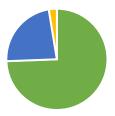
CMR Contingency	
	Elementary School
Original Amount	\$343,225.00
Approved Change Orders	\$128,245.37
Pending Change Orders	\$27,954.86
Remaining Contingency	\$187,024.77

New 4-5 Elementary School CMR Contingency Usage



- Approved Change Orders Pending Change Orders
- Remaining Contingency

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	\$495,445.08
Pending Change Orders	\$152,804.18
Remaining Contingency	\$17,299.74

PROJECT BUDGETS CMR Contingency

Etna Elementary CMR Contingency Usage



CMR Contingency	
	High School
Original Amount	\$67,895.09
Approved Change Orders	\$27,981.43
Pending Change Orders	\$4,551.21
Remaining Contingency	\$35,362.45

- Approved Change Orders Pending Change Orders
- Remaining Contingency

Watkins HS to MS Renovations CMR Contingency Usage



CMR Contingency	
	High School
Original Amount	\$272,395.13
Approved Change Orders	\$-
Pending Change Orders	\$-
Remaining Contingency	\$272,395.13

- Approved Change Orders Pending Change Orders
- Remaining Contingency

PROJECT SCHEDULE Site Improvements Package

RCS Internal Verification Dates

SCHEDULE FROM BID	<u>SCHEDULED</u>	<u>STATUS</u>
Notice to Proceed	February 28, 2019	Complete
Build Building Pad – Elementary School	June 10, 2019	Complete
Build Building Pad – High School	June 26, 2019	Complete
Substantial Completion of Elementary School	November 19, 2020	Complete
Substantial Completion of All Work (less Items Below)	June 7, 2021	Complete
Spread Topsoil, Reseed, and Top Coat of Asphalt	July 7, 2021	Complete

Schedule Two Week Look Ahead

- Adjust mounded islands, once revised direction provided by AE to address areas of ponding. (This is PR work and is currently being priced, to be scheduled for exterior concrete at mounds)
- Completed final detention area work Will have to wait for seed growth in the bottom of the pond before drainage piping can be installed.
- Complete all remaining site punch list items updated/ issued by AE 10/7/21

PROJECT SCHEDULE New High School

RCS Internal Verification Dates

MILESTONE SCHEDULE FROM BID	<u>SCHEDULED</u>	<u>STATUS</u>
Notice to Proceed	May 24, 2019	Complete
Substantial Completion of All Work (less items below)	June 7, 2021	Complete
Spread Topsoil, Reseed, and Top Coat of Asphalt	July 7, 2021	Complete

Schedule Two Week Look Ahead

Testing and Balancing

• Final Air and Water Balancing Report corrects completed by HVAC Contractor.

Proposal Requests

• Schedule added work as Change orders are executed

Building Envelope & Exterior

• Complete remaining open punch list items interior and exterior

PROJECT SCHEDULE Etna Elementary

RCS Internal Verification Dates

SCHEDULE FROM BID	<u>SCHEDULED</u>	<u>STATUS</u>
Notice to Proceed	November 24, 2020	Complete
Substantial Completion of Elementary School	November 28, 2021	

Schedule Two Week Look Ahead

Area A

- Perform Final Cleaning
- A&E/Owner Punch & Corrections

Area B

- Perform Final Cleaning
- A&E/Owner Punch & Corrections

Area C

- Perform Final Cleaning
- A&E/Owner Punch & Corrections

Sitework

- Asphalt Paving
- Back Asphalt with Topsoil
- Install Chain Link Fence
- Install Soft Playground Surface
- Final Seeding

Southwest Licking Local Schools

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PROJECT SCHEDULE Watkins HS to MS Renovation

RCS Internal Verification Dates

SCHEDULE FROM BID	<u>SCHEDULED</u>	<u>STATUS</u>
Notice to Proceed	March 30th, 2021	March 30th, 2021
Construction Start	June 1 st , 2021	June 1, 2021
Substantial Completion	July 18th, 2021	(Alternate Contingent)

Schedule Two Week Look Ahead

Area F

- Complete HVAC Duct Branches
- Continue Overhead/ Inwall Domestic Water
- Complete Door Frames
- Start Fire Protection Piping
- Start Cable Tray Install
- Start Alt 27 Duct Cleaning

Area D

- Start Fire Protection Piping
- Complete HVAC Piping
- Continue Plumbing Insulation
- Finish Drywall
- Continue Electrical Feeder Conduit

Area B

- Finish Drywall Walls
- Continue above ground sanitary rough
- Complete Door Frame Install

Area A

- Complete Fire Alarm Conduit
- Complete Electrical Stud Wall Rough
- Continue Above Ground Sanitary Rough
- Continue Door Frame Install

Area C

- Complete underground Sanitary
- Install Structural Steel Shoring

Area E

 Complete remaining Underground Plumbing work

Area G

- Start Alternate #05 Masonry Infill
- Begin Alt 28 Gym Floor Demolition

Roofing/Exterior

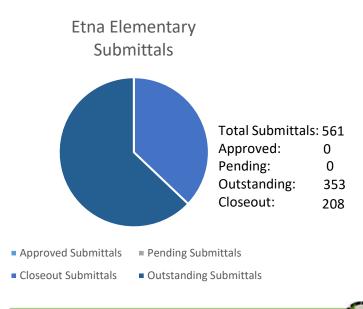
- Continue roofing area F-D
- Water Line Install (Permit Contingent)
- Begin Alt 14 Pole Lighting Demo/ Underground

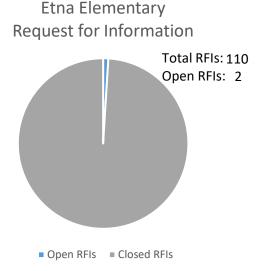
PROJECT DOCUMENTATION Etna Elementary

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	<u>Responsibility</u>	Schedule Concern
DAS System		GMAE	4 Weeks to Get Material & 2 Weeks to Install





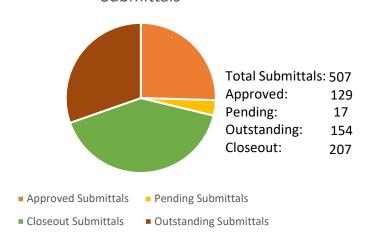
PROJECT DOCUMENTATION Watkins HS to MS Renovation

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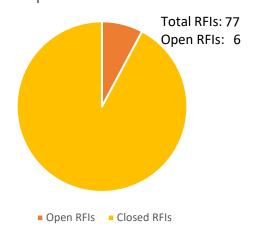
The following items may present potential concerns to the project schedule:

	Submittal/RFI	Responsibility	Schedule Concern
Generator			Manufacturer Lead time extending 6 months due to market conditions.
RFI #60 – Meter	Pit	SWL Water District/ GMAE	Finalize submittal for issuance of Water Permit
Technology Fibe	er	GMAE	Substitution due to manufacturer lead time of 2 years on basis of design/ approved submission

Watkins HS to MS Renovations Submittals



Watkins HS to MS Renovations Request for Information



QUALITY CONTROL Etna Elementary Renovation

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.

The following Pre-Installation Meetings have occurred:

- 084313-Aluminum-Framed Storefronts
- 088000-Glazing
- 093000-Tiling
- 096500-Resilient Flooring
- 270000-Technology Kick-Off Meeting
- 087100-Door Hardware
- 123550-Educational Casework
- 312200-Grading

QUALITY CONTROL Watkins HS to MS Renovation

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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.

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

- 076100 Sheet Metal Roofing
- 076200 Sheet Metal Flashing and Trim
- 081116 Aluminum Doors
- 084313 Aluminum-Framed Storefronts
- 087100 Door Hardware
- 088000 Glazing
- 093000 Tiling
- 096500 Resilient Flooring
- 122400 Window Shades
- 123550 Educational Casework
- 123552 Library Casework
- 210501 Fire Protection Materials/Methods
- 260536 Cable Trays for Electrical Systems
- 262701 Electrical Service Entrance
- 323223 Segmental Freestanding & Retaining Walls
- 329219 Seeding
- 334211 Stormwater Gravity Piping

The following Pre-Installation Meetings have occurred or waived by A/E:

- 042000 Unit Masonry
- 076100 Sheet Metal Roofing
- 076200 Sheet Metal Flashing and Trim

SAFETY Etna Elementary

- January 2021 An RCS safety evaluation was conducted on January 11 and there were no safety concerns observed.
- February 2021 An RCS safety evaluation was conducted on February 10th and (2) safety concerns were documented. All safety concerns have sense been abated.
- April 2021 A safety audit was conducted by Robertson Safety Manager on April 16th. There were two (2) violations that were noted and abated.
- May 2021 A safety audit was conducted by Robertson Safety Manager on May 20th. There were no safety concerns observed.
- June 2021 A safety audit was conducted by Robertson Safety Manager on June 3rd. There were two (2) violations that were noted and abated.
- July 2021 A safety audit was conducted by Robertson Safety Manager on July 7th. There was (1) violation that was noted and the issue was abated at the time of the inspection.
- August 2021 A safety audit was conducted by Robertson Safety Manager on August 10th. There were seven (7) violations that were noted and abated.
- September 2021- A safety audit was conducted by Robertson Safety Manager on September 10th. There were seven (2) violations that were noted and abated.
- October 2021- A safety audit was conducted by Robertson Safety Manager on October 5th. There were seven (4) violations that were noted and abated.

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

SAFETY Watkins HS to MS Renovations

- July 2021 A safety audit was conducted by Robertson Safety Manager on July 7th. There was one (1) violation that was noted and the issue was abated at the time of the inspection.
- August 2021 A safety audit was conducted by Robertson Safety Manager on August 10th. There were ten (10) violations that were noted and the issues were abated at the time of the inspection.
- September 2021 A safety audit was conducted by Robertson Safety Manager on September 10th. There were three (3) violations that were noted and the issues were abated at the time of the inspection
- October 2021 A safety audit was conducted by Robertson Safety Manager on October 5th. There no violations that were noted.

A safety audit was conducted by Stephen B Ogle & Associates on October 18th. There were six (6) violations that were noted and the issues were abated at the time of the inspection.

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

PROGRESS PHOTOS Etna Elementary











PROGRESS PHOTOS Etna Elementary



PROGRESS PHOTOS Watkins HS to MS Renovation

Kitchen Concrete Cutting November 11, 2021



PROGRESS PHOTOS Watkins HS to MS Renovation

Corridors

