

Capital Improvement Program

Monthly Bond Report
February 2020



Harding University High School - New Gymnasium

CAPITAL PROGRAM SERVICES Capital Improvement Program

FEBRUARY 2020 **MONTHLY BOND REPORT**

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PROGRAM OVERVIEW

PROJECT MANAGEMENT

The following is a summary of the activity on the bond funded projects in construction during the month of January.

The **Collinswood Language Academy (17)** construction manager continued with final aesthetic finishes in the building. The sound baffles were installed in the gymnasium, corridor and music rooms. The remaining systems were programmed for testing prior to commissioning activities. The exterior site work continued with the final installation of landscaping. The parking lot received the final surface course along with the parking space striping. The project is pushing for the architect's punch list to be issued and completed during the month of March. The 63-classroom replacement school is scheduled to be complete by the second quarter 2020 and occupied in August 2020.

The **Harding University High School (17)** construction manager has completed the structural steel and single ply roof is being completed. The spray foam insulation has progressed allowing the brick veneer to be installed at multiple elevations. Interior masonry is complete and metal stud framed walls are progressing. The overhead mechanical, electrical and plumbing rough-ins are being installed throughout the new gym and locker rooms. The new parking lots along Alleghany Road now have curb and gutter complete and stone set; paving to follow. The new sidewalk along Alleghany Road requires additional input from CDOT as some existing conditions required redesign. The recent wet weather continues to impact the construction schedule and every task continues to be evaluated for schedule recovery. The construction work on the new gym will conclude in the summer 2020. This completion will allow renovation work to commence in the old gymnasium which is scheduled to open in August 2020.

The **Montclair Elementary School (17)** construction manager completed the above ceiling MEP in the administration wing and continued installation in the single story classroom wing. The ceiling grid followed the first coat of paint in the administration and single story classroom wing. Progress on the two story classroom wing was impacted by a design issue on the second floor that minimized the activities that could take place. The construction manager continued with other activities to minimize any impacts to the schedule. The new 45-classroom elementary school building is scheduled to open in August 2020. Upon completion demolition and remaining site work will commence and be completed in 2021.

The construction manager for the new **K-8 Language Immersion North (17)** project has poured multiple building slab on grade and elevated slabs during February. They have also continued construction of load bearing masonry walls. The steel erector has progressed as areas are available to set structural steel. The mechanical, electrical and plumbing contractors have also continued rough in for under slab building utilities. The site contractor has been able to work on underground storm water piping and inlets. The recent wet weather continues to impact the construction schedule and the construction manager is reviewing the sequence of trade contract work daily with attention on ways to maintain production. The project is a 66-classroom K-8 facility and is scheduled to be occupied August 2021.

The construction manager for the new 71-classroom **K-8 Language Immersion South (17)** completed the load bearing masonry fire wall leading to the classroom building. The below slab plumbing and electrical continues along with preparations for the slab on grade in the classroom wing. The slab is scheduled to be poured the first week of March. The site work continued with storm piping and utility installations. The project is a 71-classroom K-8 facility and is scheduled to be occupied August 2021.

The construction manager at the new **Rea Farms STEAM Academy (FNA New STEAM K-8)** 54-classroom project picked up speed with the dry-in of the entire building. The installation of the gypsum walls was completed on all three levels of the classroom wing allowing the installation of paint and ceiling grid. The MEP trades worked throughout the entire facility above ceiling and finalized the in wall rough-ins in the administration area. The school is scheduled to be occupied in August of 2020.

DESIGN AND BIDDING

The architects, construction managers and CMS team continue their efforts to identify and review cost saving opportunities for incorporation into the design projects. The goal is to reduce the impact from the market driven escalation cost on the projects and the Bond program budget(s) while maintaining the quality and program.

The following is a summary of the activity on the bond funded projects in design and bidding phase during the month of February.

The **Briarwood Elementary School Replacement (17)** architect continues to progress and will forward the 95% construction document submittal prior to March 2020 for the Owner's review and comments. The Parks & Recreation temporary construction easement agreement has been finalized. City Engineering continues with their review and approval of the project. The documents have been submitted to LUESA, NCDOI, and NCDPI for review and approval for the building permit. This project is scheduled to bid in April and start construction in May.

East Mecklenburg High School (17) architect is developing their pre-schematic design submittal and master plan concepts. City Engineering Department preliminary meeting has been conducted. The pre-schematic design submittal is due to be received March 2020 for review and comment.

The **Lansdowne Elementary School Replacement (17)** 95% construction document submittal has been received and is under review by CMS. An early site/foundation bid and construction start is being prepared to allow time for the material procurement and installation of the mandated storm water system. The purpose of the early site work packages is to maintain the project's schedule while implementing the required storm water system and associated long lead items as soon as possible. The remaining construction packages are scheduled to bid in May and construction of the building to commence in June.

The **new Elementary School (Nations Ford/Sterling/Steele Creek Relief) (17)** 95% construction document submittal has been reviewed and comments have been returned to the architect for incorporation. The building permit approval process continues with City Engineering, LUESA, NCDOI and NCDPI. The project is scheduled to bid in April and start construction in May.

The **New High School Olympic Relief (17)** permit approval process continues with City Engineering, LUESA, NCDOI, NCDPI and NCDOT for building permit approval. The construction manager has begun their bid solicitation period which will conclude in the month March 2020. This project will be located on the property next to Palisades Park Elementary School. Construction is scheduled to begin in May and be occupied in August 2022.

The **Shamrock Gardens Elementary Replacement School (17)** architect has completed the pre-schematic design phase and received review comments from CMS. The schematic design phase has begun and the architect's submittal is due in March of 2020 for review and comments. LUESA and City Engineering preliminary review meetings are scheduled for March 2020. The school will be temporarily located (swing space) at the existing Lincoln Heights Elementary School from August 2020 until August 2022. This will allow the existing building to be demolished and make room for the new elementary school. A Community Information Meeting is planned for May 2020.

The **Sharon Elementary School Building Addition (17)** 95% construction documents have been received and are under review for comments by CMS and documents have been submitted for permit approval. The project is scheduled to bid in April and start construction in May to allow for occupancy in August 2021. The design includes a 16-classroom addition and a cafeteria dining area expansion.

The **West Charlotte High School Replacement (17)** the bid period for the building related scopes continues and will conclude in March 2020. Building permit approvals are in their final phase. This project is scheduled to start construction in May and be occupied August 2022. Once the school is occupied the "old" West Charlotte High School will be demolished and remaining site work will be finalized in 2023.

West Mecklenburg High School Gym Replacement (17) 95% construction documents comments have been returned to the architect for incorporation into the permit documents. Building permit documents have been submitted to City Engineering, LUESA, and NCDENR for review and approval. The construction manager has begun their subcontractor pre-qualification period and will bid in April. The project includes a new high school gymnasium and is scheduled to be occupied in August 2021.

CONTROLS

Expenditures for February were 14.3M. This brings our fiscal year to date total to \$97M against the 2020 fiscal year cash flow projection of \$160M. The Controls team had its quarterly meeting with Mecklenburg County's staff to review the status of current projects and discuss concerns with the continuing construction market escalation trends. Additionally, the Controls team continues the review and closeout of completed 2013 and 2017 projects to identify available funding. Funds identified during close out are being accumulated for reallocation to assist in meeting the extreme cost escalation for the remaining Bond projects.

The Controls team continues to submit notices of potential changes at school sites so senior staff can adequately evaluate any issues. Additionally, the Controls team continues the processing of contracts, invoices, preparing notices of potential change, change orders, pay applications and check requests for projects under construction. Captured construction cost data is used to prepare financial reports such as detailed cost reports, budget summaries, reconciliation to CMS books, revisions to and updated cash flows and complete special financial requests by CMS and Mecklenburg County. This process, along with data compilation and management, allows senior staff to provide the proper guidance/direction and accurate information to the program stakeholders.

No Bond related consent items were submitted for Board of Education approval during the month of February 2020.

MWSBE

As of February 2020 the overall MWSBE utilization percentage related to design and construction of the 2013 and 2017 bond projects is 39.07% which includes 12.87% participation by minority contractors, 25.11% by women contractors and 1.09% participation by small business contractors. This accounts for more than \$175 million spent on the utilization of Minority, Women and Small Business Contractors.

The Diversity & Inclusion Office of Charlotte-Mecklenburg Schools continued to conduct several individual orientations with new MWSBE contractors and prime contractors. In addition, team members also attended/hosted the following outreach sessions/pre-bid meetings and/or workforce development opportunities:

- Hispanic Contractors Association of the Carolinas Lunch and Learn
- NC MWBE Coordinators' Network Best Practices Forum
- Nations Ford Elementary relief outreach hosted by Metcon Construction
- Sharon Elementary addition/renovation outreach hosted by Samet Construction
- West Mecklenburg addition/renovation outreach hosted by Barnhill Contracting
- Briarwood Elementary outreach hosted by New Atlantic
- New Olympic High pre-bid hosted by Edifice

Workforce Development Opportunities:

Special thank you to the following firms that participated in the CMS Career & Technical Education (CTE) Fair held February 22, 2020 at the Charlotte Convention: ADW, LeChase, LS3P, Mastec, Messer Construction, Metcon Construction, Rodgers Builders and Turner Construction.



The Mayor's Youth Employment Program is currently recruiting companies interested in providing summer internship opportunities for CMS students. The program provides career and professional development experiences to eligible and accepted youth through part-time internships. Students will participate in daily operations of a work environment related to the student's career interest. The program integrates knowledge and theory in the classroom with an emphasis on meaningful on-the-job experience. The program is from June 24, 2020 – August 5, 2020. The Office of Diversity and Inclusion will provide internships for two students. Special thank you to the following capital program partners for agreeing to host students: Moseley Architects, Turner, Brownstone and Rodgers Builders. For more information about the program visit: www.charlottenc.gov/youth.

Over the next month, team members will continue to work with contractors interested in bidding on the upcoming school projects. Contractors are encouraged to review bid advertisements in Charlotte Observer and register as a vendor on the North Carolina Interactive Purchasing System for notification of the various opportunities.

BOND PROGRESS SUMMARY

As of February 2020

Funding Source and Value		Amount Committed/Pending	Amount Paid to Date	Amount Expended This Period
'13 Bond	\$301,699,770	\$289,803,822	\$273,895,073	\$3,305,558
'17 Bond	\$930,084,548	\$253,069,313	\$113,637,547	\$10,961,776
Grand Total	\$1,231,784,318	\$542,873,135	\$387,532,620	\$14,267,334

UPCOMING MAJOR CONSTRUCTION PROCUREMENT DATES *Three Month Look Ahead*

<u>School Name</u>	<u>Bid Dates*</u>
New Olympic High School Relief – Building Package <i>Bids managed by Edifice (CM)</i>	March 2020
New Olympic High School Relief – Road Improvements <i>Bids managed by Edifice (CM)</i>	April 2020
West Mecklenburg Gym <i>Bids managed by Barnhill (CM)</i>	April 2020
Lansdowne Elementary School - Site Package <i>Bids managed by Edifice (CM)</i>	March 2020
Lansdowne Elementary School - Building Package <i>Bids managed by Edifice (CM)</i>	May 2020
Sharon Elementary School <i>Bids managed by Samet (CM)</i>	April 2020
New ES (Nations Ford, Sterling, Steele Creek Relief) <i>Bids managed by Metcon (CM)</i>	April 2020
Briarwood – Site Package <i>Bids managed by New Atlantic (CM)</i>	April 2020
Briarwood – Building Package <i>Bids managed by New Atlantic (CM)</i>	April 2020

** NOTE: Work In Progress...Dates Subject to Change.*

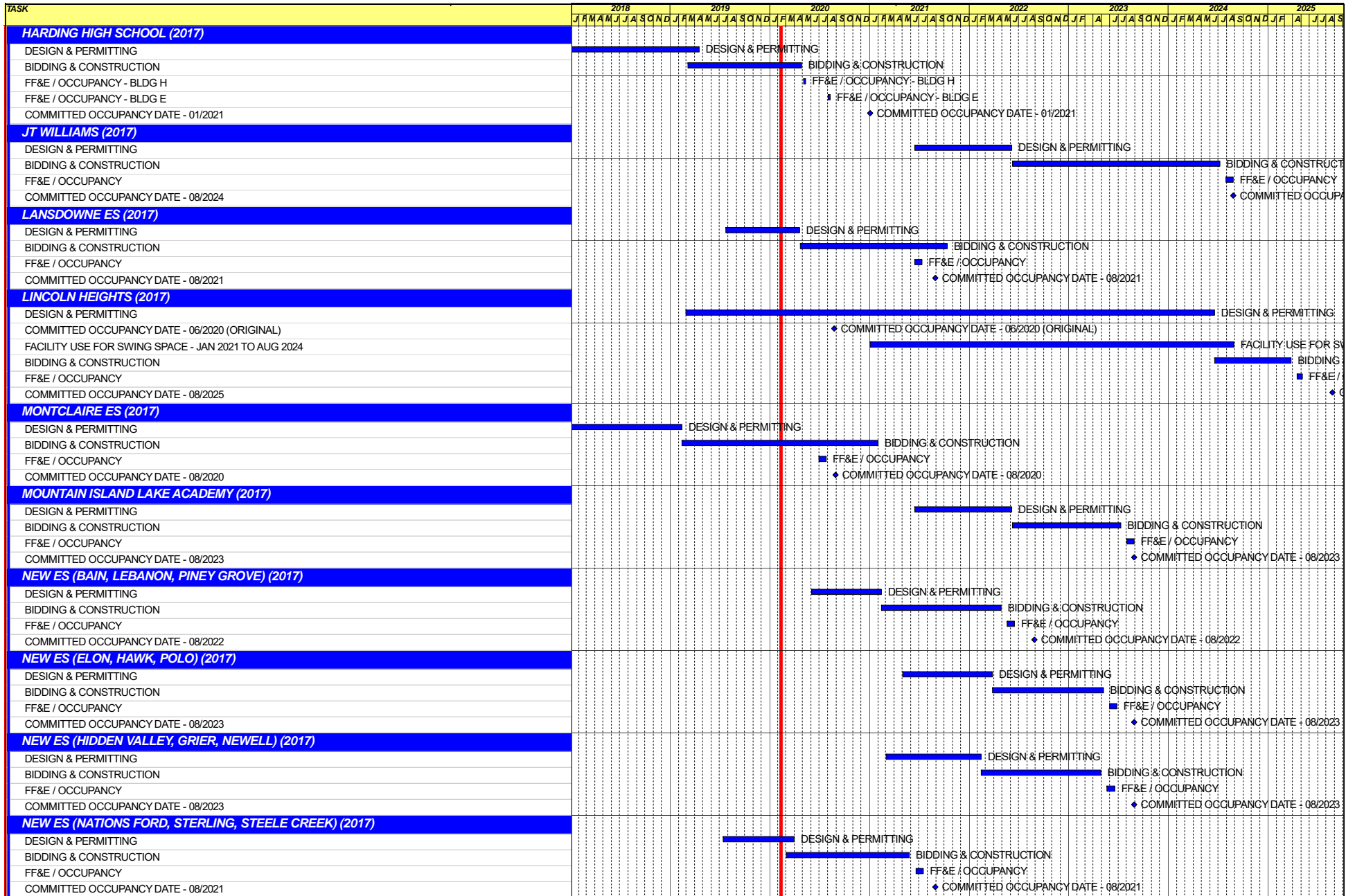
SWING SPACE UTILIZATION

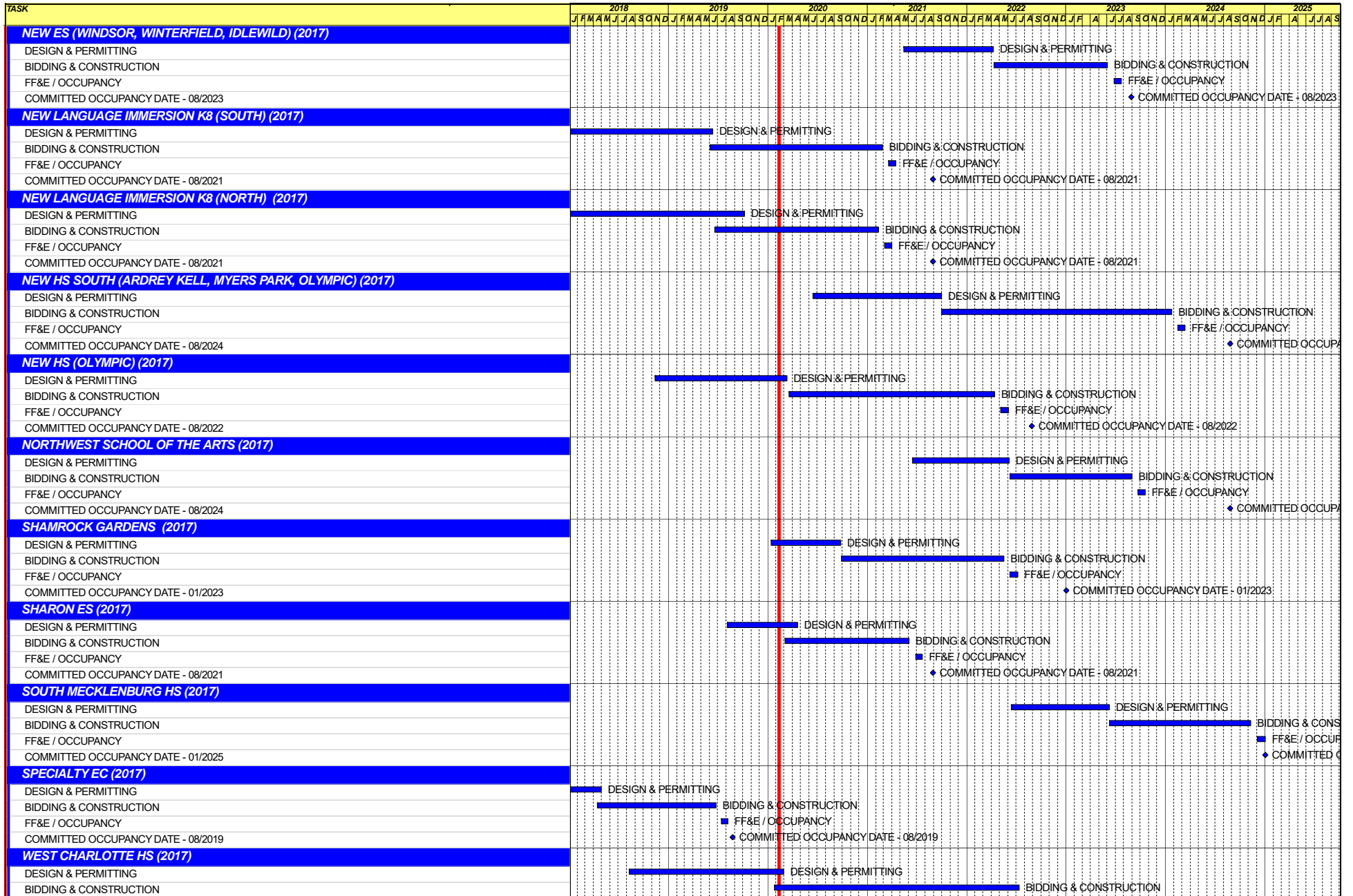
Creating a temporary space for students and staff to occupy during construction on a school's campus has proven to be beneficial to the project's schedule and cost and overall safety and efficiency of school operations. When the renovation or expansion of a facility is performed and the facility must remain functionally operational, there are benefits to the owner in using swing space. At the conception of this program several swing space options were identified.

We have successfully utilized both onsite and offsite swings. The most desirable swings are "offsite" ones. Onsite swing using mobiles or modulars, likewise has been successfully used. The following is a summary of current swing options planned or in use.

<u>School</u>	<u>No. of Mobiles/Relocation Site</u>	<u>Status (From – To)</u>
Shamrock	Lincoln Heights	August 2020 – August 2022
Bruns	Lincoln Heights	August 2022 – August 2024

TASK	2018	2019	2020	2021	2022	2023	2024	2025
2013 BOND	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A M J J A S O N D	J F A J J A S O N D	J F M A M J J A S O N D	J F A J J A S
NEW STEAM K-8 (SOUTHERN ES/MS) (2013)								
DESIGN & PERMITTING			DESIGN & PERMITTING					
BIDDING & CONSTRUCTION				BIDDING & CONSTRUCTION				
FF&E / OCCUPANCY				FF&E / OCCUPANCY				
COMMITTED OCCUPANCY DATE - 08/2020					COMMITTED OCCUPANCY DATE - 08/2020			
2017 BOND								
BRIARWOOD (2017)								
DESIGN & PERMITTING			DESIGN & PERMITTING					
BIDDING & CONSTRUCTION				BIDDING & CONSTRUCTION				
FF&E / OCCUPANCY				FF&E / OCCUPANCY				
COMMITTED OCCUPANCY DATE - 08/2021					COMMITTED OCCUPANCY DATE - 08/2021			
BRUNS ACADEMY (2017)								
DESIGN & PERMITTING					DESIGN & PERMITTING			
BIDDING & CONSTRUCTION						BIDDING & CONSTRUCTION		
FF&E / OCCUPANCY						FF&E / OCCUPANCY		
COMMITTED OCCUPANCY DATE - 08/2024							COMMITTED OCCUPANCY DATE - 08/2024	
CTE UPGRADES - OLYMPIC (2017)								
DESIGN & PERMITTING			DESIGN & PERMITTING					
BIDDING & CONSTRUCTION				BIDDING & CONSTRUCTION				
FF&E / OCCUPANCY				FF&E / OCCUPANCY				
COMMITTED OCCUPANCY DATE - 01/2023						COMMITTED OCCUPANCY DATE - 01/2023		
CTE UPGRADES - HARDING (2017)								
DESIGN & PERMITTING			DESIGN & PERMITTING					
BIDDING & CONSTRUCTION				BIDDING & CONSTRUCTION				
FF&E / OCCUPANCY				FF&E / OCCUPANCY				
COMMITTED OCCUPANCY DATE - 01/2023						COMMITTED OCCUPANCY DATE - 01/2023		
CTE UPGRADES - SOUTH MECKLENBURG (2017)								
DESIGN & PERMITTING			DESIGN & PERMITTING					
BIDDING & CONSTRUCTION				BIDDING & CONSTRUCTION				
FF&E / OCCUPANCY				FF&E / OCCUPANCY				
COMMITTED OCCUPANCY DATE - 01/2023						COMMITTED OCCUPANCY DATE - 01/2023		
COLLINSWOOD LANGUAGE ACADEMY								
DESIGN & PERMITTING	DESIGN & PERMITTING							
BIDDING & CONSTRUCTION		BIDDING & CONSTRUCTION						
FF&E / OCCUPANCY		FF&E / OCCUPANCY						
COMMITTED OCCUPANCY DATE - 08/2020			COMMITTED OCCUPANCY DATE - 08/2020					
EAST MECKLENBURG HS (2017)								
DESIGN & PERMITTING			DESIGN & PERMITTING					
BIDDING & CONSTRUCTION				BIDDING & CONSTRUCTION				
FF&E / OCCUPANCY				FF&E / OCCUPANCY				
COMMITTED OCCUPANCY DATE - 08/2022					COMMITTED OCCUPANCY DATE - 08/2022			
E.E. WADDELL (2017)								
DESIGN & PERMITTING			DESIGN & PERMITTING					
BIDDING & CONSTRUCTION				BIDDING & CONSTRUCTION				
FF&E / OCCUPANCY				FF&E / OCCUPANCY				
COMMITTED OCCUPANCY DATE - 08/2022					COMMITTED OCCUPANCY DATE - 08/2022			
GARINGER RENO / ADDITION / CTE UPGRADES (2017)								
DESIGN & PERMITTING			DESIGN & PERMITTING					
BIDDING & CONSTRUCTION				BIDDING & CONSTRUCTION				
FF&E / OCCUPANCY				FF&E / OCCUPANCY				
COMMITTED OCCUPANCY DATE - 01/2023					COMMITTED OCCUPANCY DATE - 01/2023			





TASK	2018				2019				2020				2021				2022				2023				2024				2025							
FF&E / OCCUPANCY	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
COMMITTED OCCUPANCY DATE - 08/2022																																				
WEST MECK HS GYM (2017)																																				
DESIGN & PERMITTING																																				
BIDDING & CONSTRUCTION																																				
FF&E / OCCUPANCY																																				
COMMITTED OCCUPANCY DATE - 08/2021																																				

Capital Improvements Program
Projects in Design or Under Construction

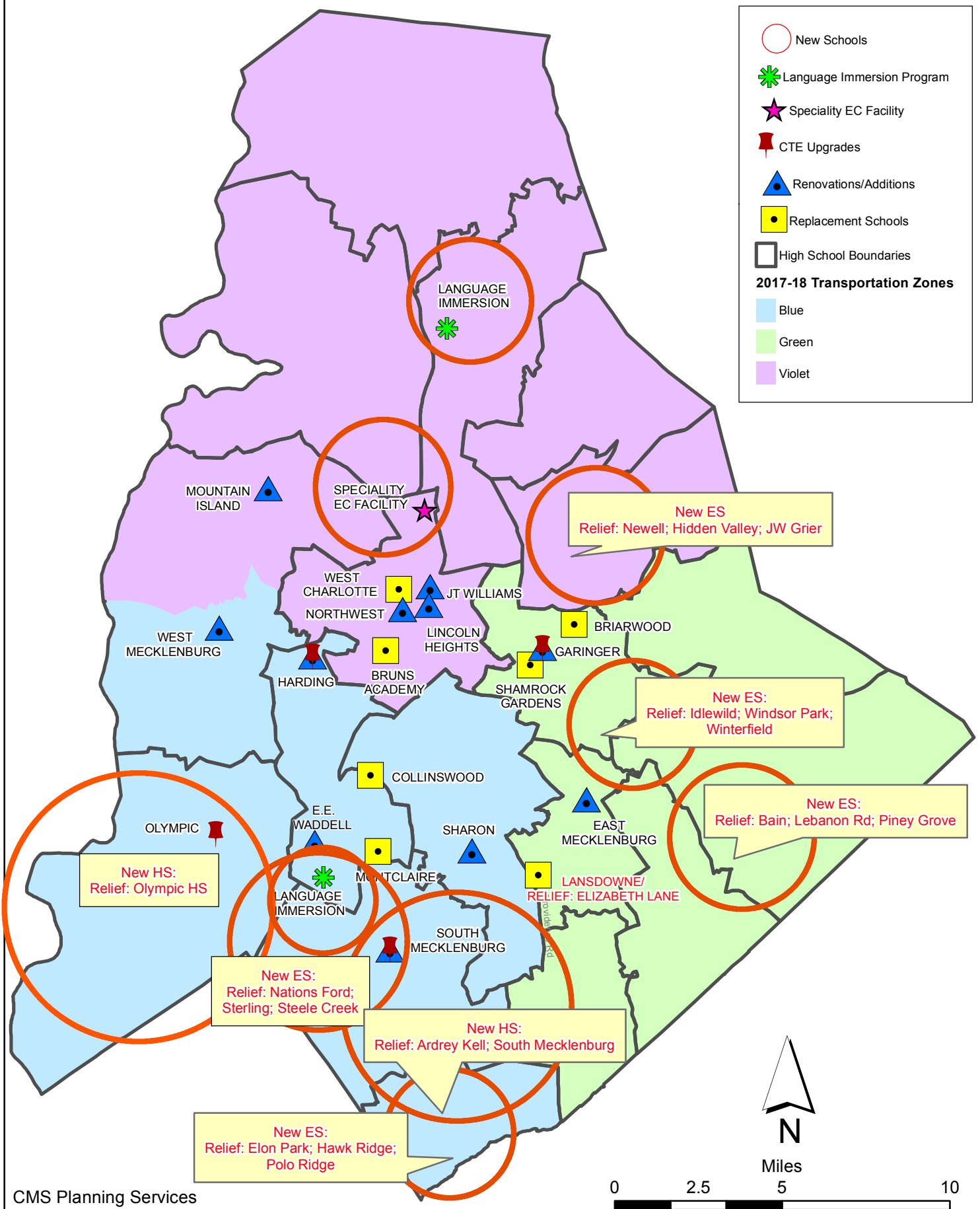
School	Architect	Project Status	General Contractor/CM
Projects In Design			
New High School (Olympic Relief) (17)	Little Diversified	Design	Edifice, Inc.
West Charlotte High School (17)	LS3P	Design	Rodgers-Holt Brothers
Lincoln Heights Repurpose (17)	Neighboring Concepts	Design	TBD
Sharon Elementary School (17)	Clark Nexsen	Design	Samet
East Mecklenburg High School (17)	Morris Berg	Design	Turner Construction
New ES (Nations Ford, Sterling, Steele Creek) (17)	FWA	Design	Metcon
Lansdowne Elementary School Replacement (17)	Perkins Eastman	Design	Edifice, Inc.
Briarwood Elementary School Replacement (17)	ADW	Design	New Atlantic
Shamrock Gardens Elementary School Replacement (17)	Little Diversified	Design	Rodgers-Holt Brothers
West Mecklenburg Gym (17)	Moseley	Design	Barnhill/DA Everett
Projects in Bid/Award/Construction Phase			
New K-8 North (17)	ADW	Construction	New Atlantic
New K-8 South (17)	FWA	Construction	Messer
Collinswood Language Academy (17)	Perkins Eastman	Construction	Turner Construction
Rea Farms STEAM Academy (13)	Little Diversified	Construction	Balfour Beatty
Montclair Elementary School (17)	WHN	Construction	Messer
Harding High School Renovation (17)	SFLA	Construction	Barnhill Contracting

Capital Improvements Program
Projects Substantially Completed/Closed *

School	Turnover Year	Architect	General Contractor
Ashley Park K-8 Conversion (13)	Aug-19	ADW	Turner Construction
Druid Hills K-8 Conversion (13)	Aug-19	ADW	Edifice, Inc.
Selwyn Elementary (13)	Aug-19	Clark Nexsen	Balfour Beatty
Charlotte Mecklenburg Academy (17)	Aug-19	KSQ	Edifice, Inc.
Davidson K-8 (13)	Aug-19	Little Diversified	Gilbane
CTE - North Mecklenburg High (13)	Aug-19	LS3P	Shiel Sexton
CTE - Garinger (13)	Mar-19	LS3P	Hostetter & Son
CTE - Independence (13)	Mar-19	LS3P	D.E. Brown
CTE - West Mecklenburg (13)	Mar-19	LS3P	Hostetter & Son
Charlotte East Language Academy (13)	Aug-18	Morris Berg	Edifice, Inc
Myers Park High School Phase 3 (13)	Aug-18	Boomerang Design	BE&K
Northridge Middle (13)	Aug-18	Morris Berg	Barnhill Contracting
Myers Park High Bldg 2 (13)	Feb-18	Boomerang Design	BE&K
East Mecklenburg High Addition (13)	Jan-18	Bergman (fna Gantt Huberman)	Edifice, Inc.
J.M. Alexander Middle (13)	Aug-17	FWA Group	Balfour Beatty
Northwest School of the Arts Renovation (13)	Aug-17	Moseley	Turner Construction
Renaissance West STEAM Academy (13)	Aug-17	Little Diversified	Rodgers Construction
South Mecklenburg High Addition (13)	Jul-17	SFLA	Barnhill Contracting
Myers Park High Bldg 1 (13)	Sep-16	Boomerang	KBR
Statesville Road Elementary (13)	Aug-16	ADW	JE Dunn
Nations Ford Elementary (13)	Aug-16	Wash Hatem Nelson	Messer Construction
Olympic High Addition (13)	Aug-16	McMillan, Pazdan, Smith	Turner Construction
Lawrence Orr Elementary (07)	Aug-15	Cort Architectural Group	DH Griffin/Metcon
Parkside Elementary (07)	Aug-15	Wash Hatem Nelson	Clancy & Theys
Hawthorne High Renovations (07)	Aug-15	Morris-Berg	Balfour Beatty
Newell Elementary (07)	Aug-15	Perkins Eastman	New Atlantic Contracting
Ranson Middle (07)	Aug-15	Morris-Berg	Edifice, Inc.
Vance High	Jan-15	LS3P	Matthews Construction Co., Inc.
Garinger High - Renovations/Addition	Aug-14	Adams Group Architects	Turner Construction
Olympic High - Stadium	Aug-14	Site Solutions	Turner Construction
West Mecklenburg High - Stadium	Aug-14	Site Solutions	Turner Construction
Collinswood - Indoor Air Quality	Aug-14	PEA	The Bowers Group
Lansdowne - Indoor Air Quality	Aug-14	AeroRaq	Tyler 2
McKee Road - Indoor Air Quality	Aug-14	McCracken & Lopez	Godfrey Construction
Garinger High - Track & Field	Jul-14	Site Solutions	Turner Construction
Independence High - Gym	Jun-14	Shook Kelly	Shelco, Inc. (CM)
Palisades Park Elementary	May-14	Wash Hatem Nelson	Clancy & Theys
East Mecklenburg High Auditorium	Jan-14	Gantt Huberman Associates	Godfrey Construction Co., Inc.
Pineville Elementary	Aug-13	Cort Architectural Group	Beam Construction Co., Inc.
Bain Elementary	Aug-13	ADW	Edison Foard
Grand Oak Elementary	Aug-13	ADW	Matthews Construction Co., Inc.
McClintock Middle	Aug-13	FWA Group	Shelco, Inc.
Sedgefield Elementary Demolition	Oct-12	Cort Architectural Group	EHG, LLC
Alexander Graham Middle Gym Reno	Aug-12	MBAJ Architecure	Edison Foard
First Ward - Demolition & Bus lot	Aug-12	MBAJ Architecure	T.K. Browne
South Meck High Parking Lot Renovation	Aug-12	Little Diversified	Sorenson Gross
Cochrane Middle - Kitchen	Aug-11	MBAJ Architecure	Sorenson Gross
Hough High	Aug-10	Little Diversified	Rodgers Construction
Rocky River High	Aug-10	Little Diversified	Balfour Beatty

Projects closed prior to 2010 are not shown

CMS Capital Improvement Plan 2017 Bond Projects



PROJECT STATUS REPORT



Monthly Project Status Summary February 2020

Project	Current Project Estimate	Project Scope	** Occupy On	Design Phase	Construction Progress	Project Status
Briarwood Elementary School (17)	\$ 29,091,619	45-classroom replacement facility; replaces school built in 1956.	August 2021	Construction Documents	0 %	The Briarwood Elementary School Replacement (17) architect continues to progress and will forward the 95% construction document submittal prior to March 2020 for the Owner's review and comments. The Parks & Recreation temporary construction easement agreement has been finalized. City Engineering continues with their review and approval of the project. The documents have been submitted to LUESA, NCDOL, and NCDPI for review and approval for the building permit. This project is scheduled to bid in April and start construction in May.
Bruns Academy (17)	\$ 34,207,808	New 45-classroom elementary school (K-5); replaces old school built in 1969.	August 2024	Not Started	0 %	This project is scheduled to start design Spring 2022.
Career and Technology Education (17)	\$ 10,101,734	Phase I CTE upgrades at Olympic, Harding, Garinger and South Mecklenburg.	January 2023	Pre-Design	0 %	Project planning is underway. Garinger - Technology Hub (Software Development, Game Art Design, Graphic & Digital Design, Customer Relationship Management /Salesforce) ; Harding - Technology Hub; Olympic - Electrical and or Plumbing to existing Carpentry pathway. South Mecklenburg - Culinary Arts
Career and Technology Education Phase I (13)	\$ 8,640,000	This project includes CTE modifications at the following: Garinger HS - culinary, greenhouse; North Mecklenburg HS - automotive; West Mecklenburg - culinary, carpentry; Independence HS - automotive, carpentry.	August 2019	Complete	100 %	The Garinger HS culinary and greenhouse; West Mecklenburg culinary arts and carpentry; and the Independence HS automotive and carpentry were occupied in January 2019. The new auto mechanics building at North Mecklenburg High was occupied August 2019.
Charlotte East Language Academy	\$ 31,456,414	K-8 to provide relief for Albemarle Road ES-MS; dual language immersion to provide additional magnet program capacity.	August 2018	Complete	100 %	The project is complete.

Monthly Project Status
Summary February 2020

Project	Current Project Estimate	Project Scope	** Occupy On	Design Phase	Construction Progress	Project Status
Charlotte-Mecklenburg Academy (17)	\$ 18,079,506	New EC school located on the old Statesville Elementary School site.	August 2019	Complete	100 %	Project is complete.
Collinswood Language Academy (17)	\$ 44,172,540	New 63-classroom K-8 facility on the site of the Smith Family Center.	August 2020	Complete	94 %	The Collinswood Language Academy (17) construction manager continued with final aesthetic finishes in the building. The sound baffles were installed in the gymnasium, corridor and music rooms. The remaining systems were programmed for testing prior to commissioning activities. The exterior site work continued with the final installation of landscaping. The parking lot received the final surface course along with the parking space striping. The project is pushing for the architect's punch list to be issued and completed during the month of March. The 63-classroom replacement school is scheduled to be complete by the second quarter 2020 and occupied in August 2020.
Davidson K-8 Conversion (13)	\$ 13,610,000	This project includes new general and specialty classrooms for conversion to K-8.	August 2019	Complete	100 %	Project is complete.
E.E. Waddell (17)	\$ 4,571,709	Repurpose current E.E. Waddell to reopen as a magnet high school.	August 2022	Not Started	0 %	Project to be funded by the County in FY21.
East Mecklenburg High School (13)	\$ 11,038,787	This project includes the addition of a 27-classroom building and renovations to selected areas.	August 2017	Complete	100 %	Project is complete.
East Mecklenburg High School (17)	\$ 12,771,594	Renovate/replace classroom buildings built in 1949 to upgrade facility conditions.	August 2022	Pre-Design	0 %	Design scheduled to start spring of 2020. Planning is underway.
Garinger High School (17)	\$ 13,936,979	Add new classrooms and replace older areas of school.	January 2023	Pre-Design	0 %	Project to be funded by the County in FY21; planning underway.

Monthly Project Status
Summary February 2020

Project	Current Project Estimate	Project Scope	** Occupy On	Design Phase	Construction Progress	Project Status
Harding High School (17)	\$ 16,293,787	Renovation/replacement of the kitchen, cafeteria and gym.	August 2020	Complete	50 %	The Harding University High School (17) construction manager has completed the structural steel and single ply roof is being completed. The spray foam insulation has progressed allowing the brick veneer to be installed at multiple elevations. Interior masonry is complete and metal stud framed walls are progressing. The overhead mechanical, electrical and plumbing rough-ins are being installed throughout the new gym and locker rooms. The new parking lots along Alleghany Road now have curb and gutter complete and stone set; paving to follow. The new sidewalk along Alleghany Road requires additional input from CDOT as some existing conditions required redesign. The recent wet weather continues to impact the construction schedule and every task continues to be evaluated for schedule recovery. The construction work on the new gym will conclude in the summer 2020. This completion will allow renovation work to commence in the old gymnasium which is scheduled to open in August 2020.
J.M. Alexander Middle School (13)	\$ 29,801,572	This project includes a replacement facility consisting of a 54-classroom clone.	August 2017	Complete	100 %	Project is complete.
JT Williams (17)	\$ 13,964,339	Project includes building renovations to J.T. Williams Montessori magnet.	August 2024	Not Started	0 %	Project to be funded by the County in FY22.

Monthly Project Status
Summary February 2020

Project	Current Project Estimate	Project Scope	** Occupy On	Design Phase	Construction Progress	Project Status
Lansdowne Elementary School (17)	\$ 29,391,270	New 45-classroom school; replaces old school built in 1959 and relieve crowding at Elizabeth Lane ES.	August 2021	Construction Documents	0 %	The Lansdowne Elementary School Replacement (17) 95% construction document submittal has been received and is under review by CMS. An early site/foundation bid and construction start is being prepared to allow time for the material procurement and installation of the mandated storm water system. The purpose of the early site work packages is to maintain the project's schedule while implementing the required storm water system and associated long lead items as soon as possible. The remaining construction packages are scheduled to bid in May and construction of the building to commence in June.
Lincoln Heights Elementary School (17)	\$ 3,740,478	Repurpose and reopen as magnet school.		Construction Documents	0 %	Lincoln Heights Elementary will be utilized as a swing school for Shamrock Gardens August 2020 - August 2022 and then used for Bruns swing school August 2022 - August 2024.
Montclair Elementary School (17)	\$ 28,559,390	New 45-classroom replacement facility replacing school built in 1958.	August 2020	Complete	55 %	The Montclair Elementary School (17) construction manager completed the above ceiling MEP in the administration wing and continued installation in the single story classroom wing. The ceiling grid followed the first coat of paint in the administration and single story classroom wing. Progress on the two story classroom wing was impacted by a design issue on the second floor that minimized the activities that could take place. The construction manager continued with other activities to minimize any impacts to the schedule. The new 45-classroom elementary school building is scheduled to open in August 2020. Upon completion demolition and remaining site work will commence and be completed in 2021.
Mountain Island Lake Academy (17)	\$ 9,218,439	K-8 Phase 2 - New gymnasium and specialty classrooms.	August 2023	Not Started	0 %	Project to be funded by the County in FY22; planning underway.
Myers Park High School (07)	\$ 31,555,707	This project will include a new gymnasium connected to the current gym; the current gym will become the auxiliary gym. Additional scope includes replacement of cafeteria windows and sitework, 40 classroom building to replace LA.	January 2017	Complete	100 %	The gym project completed August 2014. New Building occupied in January 2017.

Monthly Project Status
Summary February 2020

Project	Current Project Estimate	Project Scope	** Occupy On	Design Phase	Construction Progress	Project Status
Myers Park High School (13)	\$ 11,070,580	This project includes a multi-story classroom building and associated site and parking improvements; demolition of buildings that house chemistry, biology and information technology classrooms.	August 2018	Complete	100 %	The project is complete.
Nations Ford Elementary School (at Waddell) (13)	\$ 19,231,603	This project included the design and construction of a 39-classroom replacement facility on the E.E. Waddell Academy campus.	August 2016	Complete	100 %	Project is complete.
New Elementary School (Bain, Lebanon, Piney Grove) (17)	\$ 29,988,332	New 45-classroom elementary school; relieves crowding at Bain, Lebanon Road, Piney Grove.	August 2022	Not Started	0 %	Design scheduled to start spring of 2020. This new school will be located on land next to Mint Hill Middle School.
New Elementary School (Elon, Hawk Ridge, Polo Relief) (17)	\$ 39,206,366	New 45-classroom elementary school to relieve Elon, Hawk Ridge, Polo.	August 2023	Not Started	0 %	Design/Construction to be funded by the County in FY22, planning underway. School will be located on land acquired across from Ardrey Kell High School.
New Elementary School (Hidden Valley, JW Grier, Newell) (17)	\$ 30,518,345	New 45-classroom elementary school; relieves overcrowding at Hidden Valley, J.W. Grier, Newell.	August 2023	Pre-Design	0 %	New school will be located on land next to Northridge Middle School. Project to begin design Spring 2021.
New Elementary School (Nations, Sterling, Steele Relief) (17)	\$ 29,122,630	New 45-classroom elementary school to relieve Nations Ford, Sterling, and Steele Creek.	August 2021	Construction Documents	0 %	The new Elementary School (Nations Ford/Sterling/Steele Creek Relief) (17) 95% construction document submittal has been reviewed and comments have been returned to the architect for incorporation. The building permit approval process continues with City Engineering, LUESA, NCDOT and NCDPI. The project is scheduled to bid in April and start construction in May.
New Elementary School (Windsor, Winterfield, Idlewild Relief) (17)	\$ 30,422,230	New 45-classroom elementary school to relieve Windsor, Winterfield, and Idlewild ES.	August 2023	Not Started	0 %	Project to be funded by the County in FY21, planning underway. Location to be determined.
New High School (17) (Olympic Relief)	\$ 109,908,793	New 100 classroom high school; relieves crowding at Olympic High School.	August 2022	Construction Documents	0 %	The New High School Olympic Relief (17) permit approval process continues with City Engineering, LUESA, NCDOT, NCDPI and NCDOT for building permit approval. The construction manager has begun their bid solicitation period which will conclude in the month March 2020. This project will be located on the property next to Palisades Park Elementary School. Construction is scheduled to begin in May and be occupied in August 2022.

Monthly Project Status
Summary February 2020

Project	Current Project Estimate	Project Scope	** Occupy On	Design Phase	Construction Progress	Project Status
New High School (South, Ardrey) (17)	\$ 110,287,621	New high school to relieve South Mecklenburg, Ardrey Kell, and Myers Park HS.		Pre-Design	0 %	New High School (Ardrey Kell/South Mecklenburg Relief) (17) planning efforts for the project continues; design will commence once the building site location is finalized. A design starting in summer 2020 will support an occupancy of August 2024.
New K-8 School (North) (17)	\$ 45,359,367	New K-8 Language Immersion facility located on the old J.M. Alexander Middle School site.	August 2021	Complete	20 %	The construction manager for the new K-8 Language Immersion North (17) project has poured multiple building slab on grade and elevated slabs during February. They have also continued construction of load bearing masonry walls. The steel erector has progressed as areas are available to set structural steel. The mechanical, electrical and plumbing contractors have also continued rough in for under slab building utilities. The site contractor has been able to work on underground storm water piping and inlets. The recent wet weather continues to impact the construction schedule and the construction manager is reviewing the sequence of trade contract work daily with attention on ways to maintain production. The project is a 66-classroom K-8 facility and is scheduled to be occupied August 2021.
New K-8 School (South) (17)	\$ 45,359,367	New K-8 Language Immersion facility located on the old Nations Ford Elementary School site.	August 2021	Complete	18 %	The construction manager for the new 71-classroom K-8 Language Immersion South (17) completed the load bearing masonry fire wall leading to the classroom building. The below slab plumbing and electrical continues along with preparations for the slab on grade in the classroom wing. The slab is scheduled to be poured the first week of March. The site work continued with storm piping and utility installations. The project is a 71-classroom K-8 facility and is scheduled to be occupied August 2021.
Northridge Middle School (13)	\$ 6,366,170	This project includes a 14 classroom addition to increase classroom count to 54; improve facility condition and bring campus to baseline.	August 2018	Complete	100 %	Project is complete.
Northwest School of the Arts (13)	\$ 12,868,718	This project includes comprehensive renovation of auditorium; renovations in 1969 classroom building; improve facility condition.	August 2017	Complete	100 %	Project is complete.

Monthly Project Status
Summary February 2020

Project	Current Project Estimate	Project Scope	** Occupy On	Design Phase	Construction Progress	Project Status
Northwest School of the Arts (17)	\$ 17,632,202	Replace classroom building built in 1952 and build classroom addition that supports program.	August 2024	Not Started	0 %	Project to be funded by the County in FY22, planning underway.
Olympic High School (13)	\$ 9,376,627	This project included construction of a 17-classroom addition and ADA renovation of the auditorium.	August 2016	Complete	100 %	Project is complete.
PK8 Conversion Phase II (13)	\$ 19,791,457	The project includes work at three K8 schools. Ashley Park includes a cafeteria expansion; new gymnasium; technology, arts, and/or exploratory classrooms. Walter G. Byers project includes upgrade for technology and art. Druid Hills project includes a gymnasium, technology, arts, and/or exploratory classrooms.	August 2019	Complete	100 %	Project is complete.
Rea Farms STEAM Academy	\$ 40,476,000	New 54-classroom K-8 facility to provide relief for Ballantyne, Elon, Hawk Ridge, Polo Ridge, Community House and J.M. Robinson.	August 2020	Complete	69 %	The construction manager at the new Rea Farms STEAM Academy (FNA New STEAM K-8) 54-classroom project picked up speed with the dry-in of the entire building. The installation of the gypsum walls was completed on all three levels of the classroom wing allowing the installation of paint and ceiling grid. The MEP trades worked throughout the entire facility above ceiling and finalized the in wall rough-ins in the administration area. The school is scheduled to be occupied in August of 2020.
Renaissance West STEAM Academy (13)	\$ 31,740,150	This project included a new 54-classroom PK-8 to provide relief for Berryhill and Reid Park.	August 2017	Complete	100 %	The school was occupied August 2017.
Selwyn Elementary School (13)	\$ 4,687,004	This project includes renovation of the original 16-classroom building currently in use; improve condition of existing facility and removal of buildings beyond economical repair; bring school to new baseline.	August 2019	Complete	100 %	Phase I Old Selwyn Elementary School demolition, site work and new parking lot completed August 2017. Building renovation completed August 2019.

Monthly Project Status
Summary February 2020

Project	Current Project Estimate	Project Scope	** Occupy On	Design Phase	Construction Progress	Project Status
Shamrock Gardens Elementary School (17)	\$ 29,890,351	New 45-classroom replacement facility.	January 2023	Schematic	0 %	The Shamrock Gardens Elementary Replacement School (17) architect has completed the pre-schematic design phase and received review comments from CMS. The schematic design phase has begun and the architect's submittal is due in March of 2020 for review and comments. LUESA and City Engineering preliminary review meetings are scheduled for March 2020. The school will be temporarily located (swing space) at the existing Lincoln Heights Elementary School from August 2020 until August 2022. This will allow the existing building to be demolished and make room for the new elementary school. A Community Information Meeting is planned for May 2020.
Sharon Elementary School (17)	\$ 7,706,528	Provide additional classroom capacity needed for anticipated growth.	August 2021	Construction Documents	0 %	The Sharon Elementary School Building Addition (17) 95% construction documents have been received and are under review for comments by CMS and documents have been submitted for permit approval. The project is scheduled to bid in April and start construction in May to allow for occupancy in August 2021. The design includes a 16-classroom addition and a cafeteria dining area expansion.
South Mecklenburg High School (13)	\$ 16,307,355	This project included a new kitchen and cafeteria building, new three-story 30-classroom building, demolition of buildings and improved facility conditions.	August 2017	Complete	100 %	Project is complete.
South Mecklenburg High School (17)	\$ 13,352,143	Renovate/replace two classroom buildings built in 1958 to upgrade learning conditions.	January 2025	Not Started	0 %	Project to be funded by the County in FY22, planning underway.
Statesville Road ES (13)	\$ 20,648,510	This project included the design and construction of a 39-classroom replacement facility.	August 2016	Complete	100 %	Project is complete.
West Charlotte High School (17)	\$ 109,977,166	New 100 classroom school to replace current facility built in 1954.	August 2022	Construction Documents	0 %	The West Charlotte High School Replacement (17) the bid period for the building related scopes continues and will conclude in March 2020. Building permit approvals are in their final phase. This project is scheduled to start construction in May and be occupied August 2022. Once the school is occupied the "old" West Charlotte High School will be demolished and remaining site work will be finalized in 2023.

Monthly Project Status
Summary February 2020

Project	Current Project Estimate	Project Scope	** Occupy On	Design Phase	Construction Progress	Project Status
West Mecklenburg High School (17)	\$ 11,065,440	Renovate/replace gymnasium built in 1954.	August 2021	Construction Documents	0 %	West Mecklenburg High School Gym Replacement (17) 95% construction documents comments have been returned to the architect for incorporation into the permit documents. Building permit documents have been submitted to City Engineering, LUESA, and NCDENR for review and approval. The construction manager has begun their subcontractor pre-qualification period and will bid in April. The project includes a new high school gymnasium and is scheduled to be occupied in August 2021.

MONTHLY PROJECT PHOTOS

PROJECT PROGRESS PHOTOS



Collinswood Language Academy

PROJECT PROGRESS PHOTOS



Collinswood Language Academy

PROJECT PROGRESS PHOTOS



Collinswood Language Academy

PROJECT PROGRESS PHOTOS



Collinswood Language Academy

PROJECT PROGRESS PHOTOS



Collinswood Language Academy

PROJECT PROGRESS PHOTOS



Rea Farms STEAM Academy

PROJECT PROGRESS PHOTOS



Rea Farms STEAM Academy

PROJECT PROGRESS PHOTOS



Rea Farms STEAM Academy

PROJECT PROGRESS PHOTOS



Rea Farms STEAM Academy

PROJECT PROGRESS PHOTOS



Montclair ES Replacement

PROJECT PROGRESS PHOTOS



Montclair ES Replacement

PROJECT PROGRESS PHOTOS



Montclaire ES Replacement

PROJECT PROGRESS PHOTOS



Montclair ES Replacement

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Harding University High School

PROJECT PROGRESS PHOTOS



Harding University High School

PROJECT PROGRESS PHOTOS



Harding University High School

PROJECT PROGRESS PHOTOS



Harding University High School

PROJECT PROGRESS PHOTOS



K-8 Language Immersion North

PROJECT PROGRESS PHOTOS



K-8 Language Immersion North

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K-8 Language Immersion North

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K-8 Language Immersion South

PROJECT PROGRESS PHOTOS



K-8 Language Immersion South

PROJECT PROGRESS PHOTOS



K-8 Language Immersion South

MWSBE PARTICIPATION REPORT

Contract Status Report - MWSBE Participation Commitments

Report Date 3/11/2020

Charlotte-Mecklenburg Schools

3/11/2020 11:18:47 AM

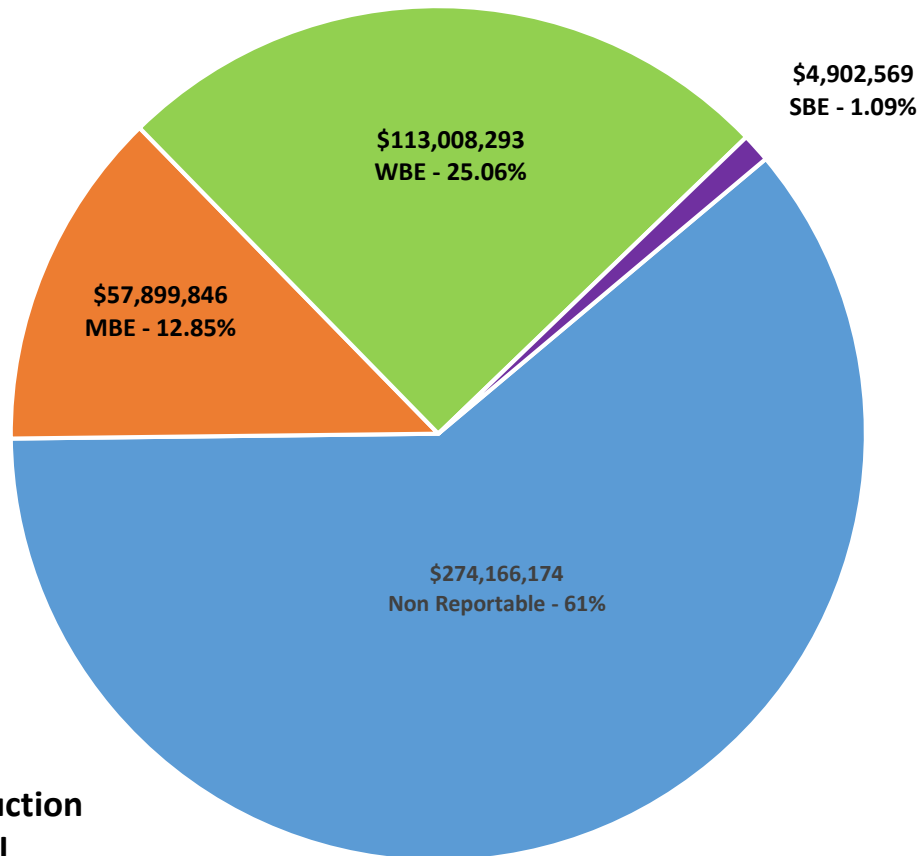
2013 & 2017 Bond Projects

February Monthly Bond Report

Facility	Contract Amount	African American MBE\$	%	Other MBE \$	%	Total MBE \$	%	Other WBE \$	%	Other SBE \$	%	Total	%
<u>Briarwood Elementary School (17)</u>	\$2,156,231	\$0	0.00%	\$78,000	3.62%	\$78,000	3.62%	\$0	0.00%	\$0	0.00%	\$78,000	3.62%
<u>Career and Technology Education (1</u>	\$75,000	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<u>Career and Technology Education Ph</u>	\$6,569,985	\$1,237,360	18.83%	\$36,997	0.56%	\$1,274,357	19.40%	\$808,886	12.31%	\$339,141	5.16%	\$2,422,385	36.87%
<u>Charlotte East Language Academy</u>	\$27,066,783	\$216,193	0.80%	\$1,704,453	6.30%	\$1,920,646	7.10%	\$10,074,150	37.22%	\$93,027	0.34%	\$12,087,823	44.66%
<u>Charlotte-Mecklenburg Academy (17</u>	\$17,039,897	\$198,536	1.17%	\$1,029,192	6.04%	\$1,227,728	7.21%	\$2,032,909	11.93%	\$13,200	0.08%	\$3,273,837	19.21%
<u>Collinswood Language Academy (17)</u>	\$38,665,016	\$412,763	1.07%	\$1,786,047	4.62%	\$2,198,810	5.69%	\$11,144,362	28.82%	\$257,800	0.67%	\$13,600,972	35.18%
<u>Davidson K-8 Conversion (13)</u>	\$12,290,259	\$467,470	3.80%	\$1,103,884	8.98%	\$1,571,354	12.79%	\$4,470,904	36.38%	\$143,319	1.17%	\$6,185,577	50.33%
<u>East Mecklenburg High School (13)</u>	\$8,618,409	\$126,151	1.46%	\$1,009,766	11.72%	\$1,135,917	13.18%	\$2,600,065	30.17%	\$488,468	5.67%	\$4,224,450	49.02%
<u>East Mecklenburg High School (17)</u>	\$901,395	\$0	0.00%	\$87,650	9.72%	\$87,650	9.72%	\$12,500	1.39%	\$0	0.00%	\$100,150	11.11%
<u>Garinger High School (17)</u>	\$70,000	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<u>Harding High School (17)</u>	\$12,881,314	\$1,231,586	9.56%	\$181,850	1.41%	\$1,413,436	10.97%	\$3,760,433	29.19%	\$0	0.00%	\$5,173,869	40.17%
<u>J.M. Alexander Middle School (13)</u>	\$27,252,876	\$3,390,829	12.44%	\$1,320,408	4.85%	\$4,711,237	17.29%	\$8,526,763	31.29%	\$244,708	0.90%	\$13,482,708	49.47%
<u>Lansdowne Elementary School (17)</u>	\$2,004,119	\$14,000	0.70%	\$104,400	5.21%	\$118,400	5.91%	\$0	0.00%	\$0	0.00%	\$118,400	5.91%
<u>Lincoln Heights Elementary School (1</u>	\$192,577	\$92,274	47.92%	\$18,800	9.76%	\$111,074	57.68%	\$0	0.00%	\$74,503	38.69%	\$185,577	96.37%
<u>Montclair Elementary School (17)</u>	\$25,894,471	\$3,001,329	11.59%	\$1,829,109	7.06%	\$4,830,437	18.65%	\$5,612,965	21.68%	\$393,716	1.52%	\$10,837,118	41.85%
<u>Myers Park High School (13)</u>	\$9,357,724	\$829,502	8.86%	\$366,413	3.92%	\$1,195,915	12.78%	\$2,557,565	27.33%	\$440,712	4.71%	\$4,194,192	44.82%
<u>Nations Ford Elementary School (at</u>	\$17,312,559	\$1,965,714	11.35%	\$765,473	4.42%	\$2,731,187	15.78%	\$2,296,041	13.26%	\$772,457	4.46%	\$5,799,685	33.50%
<u>New Elementary School (Bain, Leban</u>	\$1,204,570	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<u>New Elementary School (Elon, Hawk</u>	\$99,200	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<u>New Elementary School (Hidden Vall</u>	\$1,516,760	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<u>New Elementary School (Nations, St</u>	\$1,999,422	\$14,000	0.70%	\$65,500	3.28%	\$79,500	3.98%	\$20,911	1.05%	\$375	0.02%	\$100,786	5.04%
<u>New Elementary School (Windsor, W</u>	\$10,000	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<u>New High School (17) (Olympic Relie</u>	\$6,222,557	\$66,500	1.07%	\$175,500	2.82%	\$242,000	3.89%	\$56,900	0.91%	\$0	0.00%	\$298,900	4.80%
<u>New High School (South, Ardrey) (17</u>	\$202,260	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<u>New K-8 School (North) (17)</u>	\$37,789,752	\$2,388,261	6.32%	\$2,135,855	5.65%	\$4,524,116	11.97%	\$4,568,896	12.09%	\$418,949	1.11%	\$9,511,961	25.17%

Facility	Contract Amount	African American MBE\$	%	Other MBE \$	%	Total MBE \$	%	Other WBE \$	%	Other SBE \$	%	Total	%
<u>New K-8 School (South) (17)</u>	\$37,559,634	\$5,077,406	13.52%	\$2,159,095	5.75%	\$7,236,501	19.27%	\$9,793,340	26.07%	\$309,838	0.82%	\$17,339,680	46.17%
<u>Northridge Middle School (13)</u>	\$4,989,570	\$69,874	1.40%	\$804,803	16.13%	\$874,677	17.53%	\$621,842	12.46%	\$50,012	1.00%	\$1,546,531	31.00%
<u>Northwest School of the Arts (13)</u>	\$12,265,376	\$2,347,147	19.14%	\$157,238	1.28%	\$2,504,385	20.42%	\$657,555	5.36%	\$63,936	0.52%	\$3,225,875	26.30%
<u>Oakhurst STEAM Magnet ES/Starmo</u>	\$2,818,260	\$728,788	25.86%	\$143,940	5.11%	\$872,728	30.97%	\$918,979	32.61%	\$0	0.00%	\$1,791,707	63.57%
<u>Olympic High School (13)</u>	\$8,765,306	\$1,228,344	14.01%	\$76,095	0.87%	\$1,304,439	14.88%	\$1,970,523	22.48%	\$261,745	2.99%	\$3,536,707	40.35%
<u>PK8 Conversion Phase II (13)</u>	\$18,152,601	\$380,926	2.10%	\$1,089,238	6.00%	\$1,470,163	8.10%	\$3,145,478	17.33%	\$95,237	0.52%	\$4,710,879	25.95%
<u>Rea Farms STEAM Academy</u>	\$32,088,319	\$570,852	1.78%	\$3,445,385	10.74%	\$4,016,237	12.52%	\$7,535,924	23.48%	\$196,500	0.61%	\$11,748,661	36.61%
<u>Renaissance West STEAM Academy (</u>	\$28,471,160	\$909,934	3.20%	\$3,695,010	12.98%	\$4,604,943	16.17%	\$21,786,637	76.52%	\$63,425	0.22%	\$26,455,005	92.92%
<u>Selwyn Elementary School (13)</u>	\$4,406,698	\$288,360	6.54%	\$199,917	4.54%	\$488,277	11.08%	\$1,026,433	23.29%	\$26,792	0.61%	\$1,541,503	34.98%
<u>Shamrock Gardens Elementary Scho</u>	\$1,774,206	\$36,000	2.03%	\$65,257	3.68%	\$101,257	5.71%	\$181,421	10.23%	\$0	0.00%	\$282,678	15.93%
<u>Sharon Elementary School (17)</u>	\$807,001	\$0	0.00%	\$49,500	6.13%	\$49,500	6.13%	\$0	0.00%	\$0	0.00%	\$49,500	6.13%
<u>South Mecklenburg High School (13)</u>	\$15,305,748	\$2,233,506	14.59%	\$1,006,044	6.57%	\$3,239,550	21.17%	\$1,935,863	12.65%	\$41,943	0.27%	\$5,217,355	34.09%
<u>Statesville Road ES (13)</u>	\$17,529,185	\$392,306	2.24%	\$1,207,646	6.89%	\$1,599,952	9.13%	\$4,503,562	25.69%	\$81,988	0.47%	\$6,185,502	35.29%
<u>West Charlotte High School (17)</u>	\$6,651,801	\$76,871	1.16%	\$0	0.00%	\$76,871	1.16%	\$386,485	5.81%	\$0	0.00%	\$463,356	6.97%
<u>West Mecklenburg High School (17)</u>	\$998,879	\$8,600	0.86%	\$0	0.00%	\$8,600	0.86%	\$0	0.00%	\$30,780	3.08%	\$39,380	3.94%
Grandtotal	\$449,976,882	\$30,001,380	6.67%	\$27,898,466	6.20%	\$57,899,846	12.87%	\$113,008,293	25.11%	\$4,902,569	1.09%	\$175,810,707	39.07%

MWSBE Participation 2013 & 2017 Bond Projects



**Design and Construction
Contract Total**

PROJECT CONTROLS

**CHARLOTTE-MECKLENBURG BOARD OF EDUCATION
2013 BOND SERIES-CAPITAL IMPROVEMENT PROGRAM
BUDGET STATUS REPORT**

	Original Project Budget (A)	Current Project Budget (B)	Committed Amount (C)	Approved Change Orders (D)	Total Committed (E)=(C+D)	Pending Commitments (F)	To Be Committed (G)=(B-E-F)	Previous Paid To Date (H)	Paid to Date (I)	Balance to Complete (J)=(B-I)	Monthly Expenditure (K)=(I-H)
A. REPLACEMENT & RENOVATIONS											
Career & Technology Education Institutes Phase 1:											
1. Garinger/Independence/North Mecklenburg and West Mecklenburg	8,640,000	8,640,000	7,027,402	336,355	7,363,757	16,653	1,259,590	7,128,247	7,314,945	1,325,055	186,698
2. Davidson K-8 Conversion	9,500,000	13,610,000	2,138,280	11,379,518	13,517,798	40,000	52,202	12,568,005	13,289,745	320,255	721,740
3. J.M. Alexander Middle Replacement	30,672,000	29,845,539	4,502,518	25,343,021	29,845,539	0	0	29,845,539	29,845,539	0	0
4. Nations Ford Elementary Replacement	19,440,000	19,231,603	3,958,870	15,272,733	19,231,603	0	0	19,231,603	19,231,603	0	0
5. Northwest School of the Arts	12,420,000	12,868,719	2,047,918	10,820,801	12,868,719	0	0	12,868,719	12,868,719	0	0
6. Oakhurst STEAM Magnet Elementary/Starmount Elementary Conversion	5,940,000	5,409,344	3,472,929	1,936,415	5,409,344	0	0	5,409,344	5,409,344	0	0
Pre-K-8 Conversions Phase II: Ashley Park/ Bruns											
7. Avenue/Walter G. Byers/Druid Hills/Reid Park/Westerly Hills	24,732,000	19,791,457	4,177,349	15,597,333	19,774,682	8,780	7,995	19,352,948	19,598,946	192,511	245,998
8. Selwyn Elementary	2,592,000	4,687,004	744,009	3,885,526	4,629,535	100	57,369	4,612,520	4,624,532	62,472	12,012
9. Statesville Road Elementary	20,340,000	20,648,509	5,081,472	15,567,037	20,648,509	0	0	20,648,509	20,648,509	0	0
Total Replacement & Renovations	134,276,000	134,732,175	33,150,747	100,138,740	133,289,487	65,533	1,377,156	131,665,434	132,831,882	1,900,293	1,166,448
B. RESPONSE TO ENROLLMENT GROWTH											
1. East Mecklenburg High Addition	12,744,000	11,038,787	3,420,184	7,618,603	11,038,787		0	11,038,787	11,038,787	0	0
2. Myers Park High Addition	22,248,000	11,070,580	1,196,989	9,833,448	11,030,437	15,000	25,143	11,030,435	11,030,435	40,145	0
3. Northridge Middle Addition	6,448,000	6,366,171	2,114,306	4,251,865	6,366,171	0	0	6,366,171	6,366,171	0	0
4. Olympic High Addition/Renovation	8,964,000	8,947,310	2,002,695	6,944,615	8,947,310	0	0	8,947,310	8,947,310	0	0
5. South Mecklenburg High Addition	18,360,000	16,307,355	2,922,282	13,385,073	16,307,355	0	0	16,307,355	16,307,355	0	0
Charlotte East Language Academy (FKA -New											
6. Language Immersion Pre-K - 8)	30,376,000	31,456,414	5,740,242	25,692,685	31,432,927	0	23,487	31,378,479	31,381,802	74,612	3,323
7. Rea Farms STEAM Academy (FKA New STEAM K-8)	31,376,000	40,476,000	9,412,144	30,028,846	39,440,990	129,675	905,335	22,229,128	24,298,853	16,177,147	2,069,725
8. Renaissance West STEAM Academy (FKA											
New Pre-K -8 Berryhill-Reid Park Relief)	30,376,000	31,740,150	5,667,328	26,072,822	31,740,150	0	0	31,626,416	31,692,478	47,672	66,062
Total Response to Enrollment Growth	160,892,000	157,402,767	32,476,170	123,827,957	156,304,127	144,675	953,965	138,924,081	141,063,191	16,339,576	2,139,110
C. CONTINGENCY	0	9,564,828	0	0	0	0	9,564,828	0	0	9,564,828	0
TOTAL LOCAL BOND PROGRAM	\$ 295,168,000	\$ 301,699,770	\$ 65,626,917	\$ 223,966,697	\$ 289,593,614	\$ 210,208	\$ 11,895,949	\$ 270,589,515	\$ 273,895,073	\$ 27,804,697	\$ 3,305,558

Original project estimated costs approved by the Board Of Education on July 23, 2013 and approved by the voters of Mecklenburg County on November 5, 2013.

Note: Mecklenburg County's appropriated interest from COPS to increase funding for the 2013 Bond Program.

**CHARLOTTE-MECKLENBURG BOARD OF EDUCATION
2017 BOND SERIES CAPITAL IMPROVEMENT PROGRAM
BUDGET STATUS REPORT**

	Original Project Budget (A)	Current Project Budget (B)	Committed Amount (C)	Approved Change Orders (D)	Total Committed (E)=(C+D)	Pending Commitments (F)	To Be Committed (G)=(B-E-F)	Previous Paid To Date (H)	Paid to Date (I)	Balance to Complete (J)=(B-I)	Monthly Expenditure (K)=(I-H)
A. <u>REPLACEMENT & RENOVATIONS</u>											
1. Briarwood Elementary *	29,091,619	29,091,619	3,296,239	64,700	3,360,939	1,500	25,729,180	1,095,207	1,104,004	27,987,615	8,797
2. Bruns Academy Replacement	34,207,808	34,207,808	1,419,624	0	1,419,624	0	32,788,184	0	0	34,207,808	0
3. Career & Technology Education Upgrades	10,101,734	10,101,734	494,222	0	494,222	0	9,607,512	0	0	10,101,734	0
4. Collinswood K-8 *	44,172,540	44,172,540	5,236,105	36,759,397	41,995,502	150,573	2,026,465	31,968,889	35,258,322	8,914,218	3,289,433
5. East Mecklenburg HS	12,771,594	12,771,594	1,432,328	0	1,432,328	0	11,339,266	65,283	65,304	12,706,290	21
6. Garinger HS	13,936,979	13,936,979	648,385	0	648,385	0	13,288,594	0	0	13,936,979	0
7. Harding University High *	18,330,263	16,293,787	2,189,248	11,621,633	13,810,881	38,851	2,444,055	5,216,205	6,183,353	10,110,434	967,148
8. Charlotte-Mecklenburg Academy (FKA -EC Specialty) *	18,957,960	18,079,506	2,128,626	15,840,675	17,969,301	40,000	70,205	17,062,110	17,064,022	1,015,484	1,912
9. Lansdowne Elementary	29,391,270	29,391,270	3,245,275	0	3,245,275	0	26,145,995	937,756	1,019,851	28,371,419	82,095
10. Lincoln Heights Elementary	3,740,478	3,740,478	333,571	26,774	360,345	0	3,380,133	141,101	141,101	3,599,377	0
11. Montclair Elementary Replacement *	28,559,390	28,559,390	2,646,248	25,805,682	28,451,930	52,183	55,277	11,440,711	13,302,096	15,257,294	1,861,385
12. Mountain Island k-8	9,218,439	9,218,439	382,565	0	382,565	0	8,835,874	0	0	9,218,439	0
13. Northwest School of the Arts	17,632,202	17,632,202	731,736	0	731,736	0	16,900,466	0	0	17,632,202	0
14. Shamrock Garden Elementary *	29,890,351	29,890,351	2,986,603	0	2,986,603	0	26,903,748	29,775	108,532	29,781,819	78,757
15. Sharon Elementary	7,706,528	7,706,528	1,013,598	0	1,013,598	0	6,692,930	366,710	395,160	7,311,368	28,450
16. South Mecklenburg HS	13,352,143	13,352,143	554,114	0	554,114	0	12,798,029	0	0	13,352,143	0
17. E.E. Waddell Magnet HS	4,571,709	4,571,709	189,726	0	189,726	0	4,381,983	0	0	4,571,709	0
18. West Charlotte HS Replacement	109,977,166	109,977,166	12,100,087	0	12,100,087	0	97,877,079	4,667,545	4,819,591	105,157,575	152,046
19. West Mecklenburg HS	11,065,440	11,065,440	1,457,969	0	1,457,969	0	9,607,471	530,285	532,100	10,533,340	1,815
20. John Taylor Williams	13,964,339	13,964,339	579,520	0	579,520	0	13,384,819	0	0	13,964,339	0
Total Replacement & Renovations	460,639,952	457,725,022	43,065,789	90,118,861	133,184,650	283,108	324,257,265	73,521,577	79,993,436	377,731,586	6,471,859
B. <u>RESPONSE TO ENROLLMENT GROWTH</u>											
1. New K-8 South Language Immersion *	45,359,367	45,359,367	3,977,487	35,554,544	39,532,031	9,680	5,817,656	5,294,217	7,784,921	37,574,446	2,490,704
2. New K-8 North Language Immersion *	45,359,367	45,359,367	4,274,518	35,551,969	39,826,487	6,000	5,526,880	5,626,355	7,167,281	38,192,086	1,540,926
3. New Elementary School - Nations Ford/Sterling/Steele Creek Relief *	29,173,829	29,122,630	4,896,446	2,160	4,898,606	0	24,224,024	2,666,678	2,741,400	26,381,230	74,722
4. New Elementary School - Bain/Lebanon Relief	29,988,332	29,988,332	2,449,576	0	2,449,576	0	27,538,756	19,990	19,990	29,968,342	0
5. New Elementary School - Windsor Park Relief *	30,422,230	30,422,230	1,278,523	0	1,278,523	0	29,143,707	0	0	30,422,230	0
6. New Elementary School - Elon/Hawk Ridge Relief *	30,426,712	39,206,366	12,181,032	0	12,181,032	0	27,025,334	10,837,092	10,837,092	28,369,274	0
7. New Elementary School - Hidden Valley Relief	30,518,345	30,518,345	3,652,409	6,460	3,658,869	0	26,859,476	883,403	938,303	29,580,042	54,900
8. New High School - Olympic Relief	109,908,793	109,908,793	10,957,640	(43,685)	10,913,955	25,000	98,969,838	3,791,638	4,111,699	105,797,094	320,061
9. New High School - South Meck/Ardrey Kell Relief *	110,287,621	110,287,621	4,821,796	0	4,821,796	0	105,465,825	34,821	43,425	110,244,196	8,604
Total Response to Enrollment Growth	461,444,596	470,173,051	48,489,427	71,071,448	119,560,875	40,680	350,571,496	29,154,194	33,644,111	436,528,940	4,489,917
C. <u>CONTINGENCY</u>	0	2,186,475	0	0	0	0	2,186,475	0	0	2,186,475	0
TOTAL LOCAL BOND PROGRAM	\$ 922,084,548	\$ 930,084,548	\$ 91,555,216	\$ 161,190,309	\$ 252,745,525	\$ 323,788	\$ 677,015,236	\$ 102,675,771	\$ 113,637,547	\$ 816,447,001	\$ 10,961,776

Original project estimated costs approved by the Board Of Education on July 25, 2017 approved by the voters of Mecklenburg County on November 7, 2017.

* Project included in \$33.2M early funding approved by Board Of Education on August 9, 2016 and Mecklenburg Board of County Commissioners on September 6, 2016. On February 19, 2019 an additional \$8M was approved for New Elementary School - Elon/Hawk Ridge Relief site.

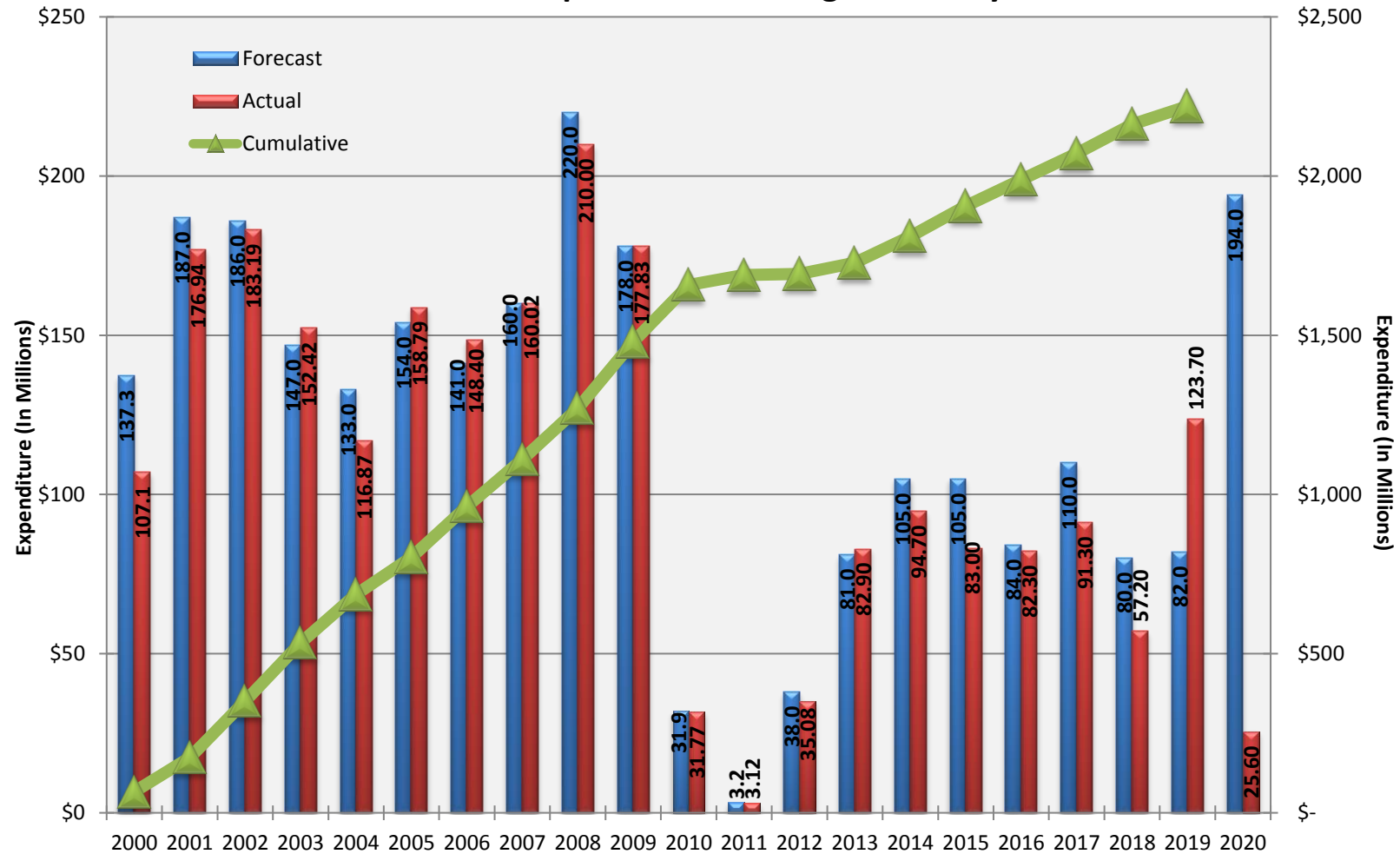
Charlotte-Mecklenburg Board of Education
Approved Construction or Repair Change Orders*
Reporting Period: February 2020

Funding Source	Project Name	Contractor	Description	Change Order Amount	Revised Contract Value
	None this reporting period				

* Not previously presented to the Board of Education for Approval (less than100,000)

EXPENDITURE SUMMARY

Forecast Expenditure versus
Actual Expenditures through February 2020



** Expenditures include 1996 Bond thru 2017 Early Funding

GLOSSARY

Glossary

- **Project Management** – This section includes updates from our project managers and describes the currently active construction projects. This includes from Board of Education award thru final completion.
- **Design and Bidding** – This section contains updates from our design managers on the projects currently in the design phase. This phase from design award to Board of Education award of construction.
- **Controls** – Section includes misc. updates from controls group including expenditures, related Board of Education awards during the reporting period, cash flow information. This section covers all projects from approved bond through final expenditures and bond close with the county.
- **MWSBE** – Contains updates from the MWSBE Director and team, including current activity and summaries of the participation by MWSBE providers on our program.
- **Bond Progress Summary** – Provides a summary of bond financials including bond value, committed/pending amounts, paid to date, expended this month.
- **Project Procurement Dates** - Next 90 Days major project bid activity.
- **Mobile Swing Space Utilization** – Includes a summary of program related swing space currently in use and the schedule of use.
- **Bond Summary Schedule** – Current program summary schedule including planned design, construction and FF&E. These activities are fed from detailed schedules and are fine-tuned as project information is available.
- **Project Contractor Teams**; Provides summary of turnover dates for completed/closed projects since 2008 including architects/designers and contractors.
- **School Site Location Maps** – General location of bond projects (2013) by type.
- **Project Status Report** – This section of the report provides a summary of the bond project scope, current estimate (all sources), planned occupancy/actual occupancy date. It also provides a current status of the design phase, construction progress and a brief update. The report currently includes 2007, 2013 and early 2017 bond projects that have or will be completed after to August 2015.
- **MWSBE Participation Report** – The MWSBE report provides a summary of the participation on the 2007, 2013, 2017E Bond funded projects.
- **Project Progress Photos** – Includes photos of active construction projects.
- **Budget Summary Reports** – These reports are by funding source and summarize financial activity to date on the projects. This includes original and current project estimates, committed values, amounts paid to date, balances and monthly expenditures.
- **Effectiveness and Efficiency of Financial Management** – Provides a summary of the prototype and subsequent clone projects percentage of fee to our contracted architects. Also included is a variance in design document to track plan versus actual design times.
- **Change Orders < \$100,000** – This month's approved construction or repair change orders < \$100,000.
- **Expenditure Summary** – Provides a summary of Bond Expenditures by calendar year from 1998 – current.