

WOLF WORKS

NC STATE UNIVERSITY HUB NEWSLETTER

NCSU CAPITAL PROJECT MANAGEMENT HUB PROGRAM

June 30, 2020

Summer 2020 Edition

It's undeniable that we are living in unprecedented times. Together we are adjusting to a "new norm" and managing the changing and challenging times as we face the impact of COVID-19. We are reminded of the importance of diversity, inclusion, and racial representation in our industry and in our communities. Thanks to all general contractors, subcontractors, designers, project managers, and staff for your dedication to ensure that construction projects are completed successfully, safely and on schedule. Your efforts are appreciated for taking the necessary precautions to ensure everyone has the appropriate PPE to remain healthy. Contractors are required to wear masks on the worksite. In addition, hand sanitizer stations are available, social distance is practiced, screening for abnormal temperatures are administered, and a constant reminder to wash hands can be seen on the worksites and around campus.

The HUB program continues to support and advocate for the inclusion of minority contracting firms on construction projects. The HUB program is a resource for non-construction minority firms and small businesses.



The HUB program provides for them contact information of organizations that can assist with economic growth opportunities.

The 2020 fiscal year has been a robust year for the HUB program and projects across campus. Projects are moving forward with:

- one bond project on the heels of being completed,
- CMR and hard bid projects are well underway in the construction phase,
- successful mentor protege program for the Fitts-Woolard project with Skanska mentoring Team Henry, and
- the mentor protege program for the Plant Sciences project is moving forward with DPR mentoring The Daniele Company.

The annual information session provided details regarding minority business participation goals and HUB Affidavits.

We hope that you enjoy this issue of "Wolf Works" as we highlight CPM projects and spotlight HUB firms. Outreach and upcoming projects are included in this issue of the newsletter. Do not hesitate to contact us to learn more about participating on campus projects.

Go Pack!
Shon Burch-Crispin, MBA, CPM, CMD
HUB Program Manager
NCSU Capital Project Management

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NCSU "Protecting the Pack"

Campus Expansion

The NCSU CPM division continues to expand the campus community. Major project development and renovations can be seen on campus. Fitts-Woolard Hall and Plant Sciences are well into construction and moving forward with amazing infrastructure. Bureau of Mines, Carmichael Wellness & Recreation Center, Memorial Belltower Renovation, and Greek Village Phase 4 Infrastructure are in construction with intricate design. Summer projects are on the rise with storm water improvements, sidewalk renovations and underground utility work. General contractors have made good faith efforts to ensure that minority contractors are working on projects. Overall HUB participation for construction and design is 34.7% which exceeds the required goal of 10%. While the campus is expanding, safety measures have been implemented to prevent the spread of the virus that causes COVID-19.



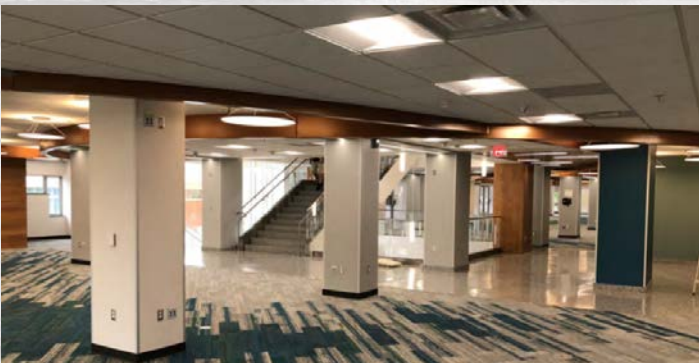
Bureau of Mines - Holt Brothers Construction
(HUB - 32.2%)



Carmichael Wellness & Recreation Center
Frank L Blum Construction (HUB - 13.7%)



Fitts Woolard Hall - Skanska (HUB - 12.8%)



Academic Success Center -DH Hill Library - Holder
Construction (HUB - 13.7%)



Restoration of Memorial Belltower-New Atlantic (HUB 13.8%)



Plant Sciences - DPR Construction - (HUB - 10.5%)

Capital Projects At-A-Glance

June 30, 2020

NORTH CAROLINA STATE UNIVERSITY					
Bid 2020					
Bid 2021					
In Construction					
Project Name		Bid	Expected Acceptance	Total Project Budget	Remarks
Fire Alarm Replacement Brooks & Bostian	Design	6/16/20	1/29/21	\$640K	Project Award
Chiller Replacement Lee Hall	Design	7/29/20	3/30/21	\$600K	PreDesign Complete
Library Renovations Jordan Hall	Design	9/8/20	6/11/21	\$1.5M	Preparing for Bid Period
Lab & Building Systems Modifications VRB	Design	10/12/20	5/23/21	\$1.5M	CD Production Underway
Parking Lot Replacment 512 Brickhaven	Design	11/5/20	3/6/21	\$800K	SD/DD Phase Beginning
Greek Village Phase 4 Infrastructure, Townhomes, Apts	Design	11/10/20	6/20/23	\$47.5M	DD-Site/SD-Buildings Review
Dabney Upgrade Ph 3 8th Floor HVAC	Design	11/12/20	2/25/21	\$1M	CD Phase Beginning
Thermal Utilities to P2 and Toxicology Buildings	Design	11/21/20	8/29/21	\$7M	CD Production Underway
Water Line Modifications at Ligon Street Bridge	Design	11/29/20	6/12/21	\$550K	CD Production Underway
Restroom Renovations at McKimmon Center	Design	12/11/20	5/15/21	\$1.1M	CD Production Underway
Structural Repairs Mann Hall	Design	1/2/21	8/22/21	\$2M	DD Review Underway
Steam Phase VIIIIC	Design	1/31/21	10/8/21	\$1.7M	CD Production Underway
Dairy Facility at CVM	Design	2/13/21	1/14/22	\$4.8M	Beginning CD Phase
Renovations to Don Ellis Building	Design	2/22/21	7/2/21	\$1M	Scheduling Kickoff
Ricks Hall 2nd Floor Renovation	Design	3/20/21	7/27/22	\$5.5M	SD/DD Phase Ongoing
Renovations to Data Center II	Design	4/14/21	1/20/22	\$6.5M	Design Review Underway
Varsity Parking Lot Expansion	Design	4/24/21	4/1/22	\$5.5M	On Hold
Page Hall Mechanical & Electrical Upgrade	Design	9/27/21	8/14/22	\$5.7M	Designer Selection
Electrical Distribution Upgrade	Design	12/9/21	1/17/25	\$58.8M	Scheduling Predesign Meetings
DH Hill Academic Success Center	Construction		7/2/20	\$15.9M	95% Construction Complete
Exterior Lighting LED Conversion	Construction		7/10/20	\$2.2M	92% Construction Complete
Fitts-Woolard Hall (Engineering Building Oval)	Construction		7/17/20	\$137M	96% Construction Complete
Centennial Campus Utility Infrastructure (TES)	Construction		7/31/20	\$9.6M	99% Construction Complete
Cates Ave Water, Steam & Condensate Replacement	Construction		8/10/20	\$966K	30% Construction Complete
Elevator Additions- Tucker & Owen Residence Halls	Construction		9/4/20	\$2.4M	25% Construction Complete
Carmichael Renovation & Expansion	Construction		9/15/20	\$45M	84% Construction Complete
Centennial Campus Substation Expansion-Phase 1 & 2	Construction		9/30/20	\$7.3M	93% Construction Complete
Power to VRB	Construction		10/4/20	\$1.5M	65% Construction Complete
Bureau of Mines Renovation	Construction		10/28/20	\$6M	55% Construction Complete
Restoration of Memorial Belltower	Construction		11/20/20	\$6.5M	68% Construction Complete
Central Campus Electrical Upgrade Phase 2 - Distributio	Construction		3/21/21	\$6.2M	14% Construction Complete
Plant Sciences Building	Construction		2/4/22	\$150.6M	43% Construction Complete

Working at NC State during Coronavirus (COVID-19) Contractor Requirement and Expectations

NC STATE Facilities

Contractors performing work on the NC State campus are expected to communicate this information with their employees, subcontractors, vendors, and visitors AND implement risk reduction methods for controlling the spread of COVID-19. The preference is that this message be delivered in the form of a 'safety stand down', but contractors will determine the most effective method for communicating within their organizations.

Protect the Community

As members of the Wolfpack community, contractors must do their part to reduce the spread of COVID-19 by implementing risk reduction methods when working on campus. These methods must be developed based on guidance from the Centers for Disease Control and Prevention (CDC), the Occupational Safety and Health Administration (OSHA), and the state of North Carolina. The information that follows represents a summary of the minimum requirements for working on campus.

PHYSICAL DISTANCE



Personnel who are sick must not be on campus - establish protocol for keeping sick workers off the jobsite. When on campus, personnel must maintain at least 6 feet of physical distance from others whenever possible. Many campus buildings and spaces now have visible reminders encouraging physical distancing, such as floor tape indicating 6 feet of distance, rearranged furniture and signs indicating traffic flow. Personnel must follow the signs directing traffic flow through building entrances, exits, elevators and other common areas.

FACE COVERINGS



Face coverings must meet the guidelines established by the CDC, and are in addition to, not a substitution for, physical distancing, hand hygiene and staying home when sick.

Effective immediately, face coverings are required by all construction personnel **at all times through at least July 17, 2020** - refer to Executive Order 147. This includes time going to/from the jobsite, while on the jobsite, and during breaks (before removing a face covering to eat or drink, personnel must maintain proper physical distancing).

If and when Order 147 is lifted, NC State will still require face coverings to be worn by contractors throughout at least the fall 2020 semester. Minimum expectation is that face coverings must be worn in buildings and when outside and in close contact with someone else (i.e. 6ft). Everyone is expected to carry a face covering at all times in case they encounter an unforeseen situation where physical distancing cannot be maintained.

WHY?

The benefit in following risk reduction methods far outweighs the inconvenience. Our diligence is vital to protect those in our community at higher risk; if not for yourself, do it for your family and friends. Furthermore, much of our contract work is public facing, we must be leaders to instill confidence that we will safely open campus and keep it open.

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NC STATE UNIVERSITY

Reminder: Control The Hazards



If You Feel Sick,
Stay Home



Avoid Close Contact
Stay at least 6 feet
away from others



Wear A Face Covering
When Close To Others
(6 Feet Or Less)



Wash Hands Often
(Or use hand sanitizer)



Cover Coughs
And Sneezes



Disinfect Often
Especially shared items
and touch points

NC STATE UNIVERSITY



Hired contractors **are expected** to follow safety guidelines while working on campus.

- Formal
- Informal
- Vendor/Suppliers/
Salespeople

HUB Firm Spotlight



Meet Kacee Walls. Founder and CEO of Storm Technical Designs. They work with clients to uncover the right technology for all low voltage projects, no matter the industry - whether you are planning for future technology during the build process or improving on your existing infrastructure. By utilizing the Integrated Project Delivery (IDP) method with their clients, Storm Technical Designs provides an enjoyable design/build construction experience. In order to achieve the client's vision, a collaborative process that forms an alliance with the end users, network team, and the business administration is executed to meet expectations. To realize the client's idea this same method is then implemented with the architects, general contracting firm, and key subcontractors through a team based approach.

Kacee's love of NCSU runs deep as she is a "Red and White for Life" member. Since her undergraduate years at the Poole School of Business (now Poole College of Management), completion of the Construction Management graduate program, and as a newly appointed member of the NCSU HUB Advisory Committee, she has been able to stay connected to the Wolfpack. Her current work helps shape the campus experience for the current and future NCSU community.

Storm Technical Designs has been in operation since 2005 certified in both North Carolina and Virginia as a HUB and Women Owned business. They are proud to have completed design/build low voltage related projects including: Town of Chapel Hill Department of Public Works, International Civil Rights Museum in Greensboro, Terminal 2 at RDU airport, Trinity School of Durham & Chapel Hill, Town of Chapel Hill Country Club and the Scotland County Emergency 911 Operations Center. They are currently working on projects for the City of Charlotte, Trinity School of Durham & Chapel Hill, and the NC National Guard.

Storm Technical Designs provides the following services:

- Technical Writer / RFP & Training Documentation
- Wireless Network Design & Installation
- Data / Voice / Coax / Fiber / AV Design & Installation
- AV Design & Installation
- SmartHands Network Installation & Management
- Security Systems-CCTV, Intercom, Access Control
- Network & Data Center Construction & Renovation
- Design / Build / Vendor Management
- Phone System VOIP / Analog Management
- Network Rack & Stack Design & Installation

www.stormtechdesigns.com

PO BOX 424 Knightdale, NC 27545

HUB Firm Spotlight



Today, as CEO, **Ms. Emma Jacobs** has the overall responsibility for the operation of CMC Building, Inc. Working with the executive team, she provides the visionary compass and leadership for CMC's growing success. Emma continues to lift the success of CMC Building with honest, ethical and faithful guidance. She strongly believes that CMC's most important asset is CMC's employee family and our unwavering mission to support our subs, vendors and clients.

COMPANY HISTORY

CMC Building, Inc. was established in 1988, by John Jacobs and Emma Jacobs. Formerly named Columbus Masonry & Construction, Inc., John's dream had always been to build a construction firm that provided career opportunities for tribal and community members who, had historically struggled with finding success. As proud Native Americans, both John and Emma's commitment of faith, sharing and giving back to the communities we serve is paramount to CMC's success and future.

John and Emma served as mentors to countless young men and women, they provided economic growth in the community through jobs and skills that they taught. John also had CMC Building, Inc. qualified as an SBA approved 8(a) company which dramatically changed the entire dynamic and direction of the company for expansive growth and opportunities. After John's passing in September 2015; Emma upheld his vision, entrepreneurial spirit and the importance of growing with the ever-changing diverse industry. CMC Building, Inc. has successfully operated for over 28 years and looks forward too many more, due to a relentlessly dedicated staff's commitment to excellence in the construction industry and highly favorable outcomes. We want to thank our many partners, past, present and future for all your work and support! CMC Building, Inc. has had the privilege of building numerous professional relationships with local, state and federal communities and agencies. We want to continue to earn your respect by our work, professionalism and craftsmanship.

COMPANY OVERVIEW

CMC Building, Inc. is an established HUB-Zone and Women Owned Certified Construction firm, located within the Waccamaw Siouan tribal area of Bolton, NC with satellite offices in Wilmington, Raleigh-Durham, and Fayetteville, NC. The company currently provides LEED certified design and construction solutions for new and existing facilities, as well as, historic preservation and maintenance services. CMC self-performs a variety of trades including Site-work, Civil, Metal Building Erection, Plumbing, Electrical, Masonry, Mechanical/HVAC, Interior Design and FF&E procurement. Their in-house professionals include, Licensed Structural and Civil Engineers and Construction Management PMP's.

A few of our projects include:

- Construct CA FTX HQ Building - Camp Mackall, NC
- Replace Two Sprung Structure Tent Skins - Fort Bragg, NC
- Navy Gateway Inns and Suites Renovation - New Orleans, LA
- NC State University- Qualified Contractor – Informal Projects
- Potable Water Site Loop Construction - RTP, NC
- Replace Glassware Air Handler Units - RTP, NC
- Install Government Furnished Generator RTP, NC

CPM HUB Program Outreach & Networking

PG 7



The mission of the NCSU Capital Project Management HUB Program is to advocating for minority firms and to assist minority firms with opportunities for economic growth in the construction industry. Outreach and connecting minority firms to opportunities in the community are vital to economic growth. This year has been a year filled with outreach and networking events. These events have allowed the HUB program to meet minority business owners with various trades, specifically in the construction and procurement industries. The CPM HUB Advisory Committee helps to strengthen the HUB program with providing advice on ways the program can increase communication and service opportunities to HUB communities. The Committee is vital to the HUB program to assist with the planning and implementation of the annual information session.



A few outreach events this year in which the HUB program participated consists of an introduction of the HUB program to the State of NC HUB Office Governor's Advisory Council, participation in the WCPSS Small Business Expo, UMCNC outreach events, NCMWBE Coordinators Network events, hosting the NCCN Best Practices Forum, participation at the 2019 Veterans Business (NCVetBiz) Summit, and the University System HUB Coordinators meeting, only to name a few. As a result of the connections made at these events, minority firms have partnered with NCSU on both formal and informal projects. They have been informed of construction opportunities across the state of NC, learned of industry opportunities to better their businesses, and have made connections with leaders in the industry.



Contacts

NCSU Capital Project Management (CPM)
<https://facilities.ofa.ncsu.edu/about-us/all-facilities-departments/cpm/>

NCSU HUB Program and Solicitations
<https://facilities.ofa.ncsu.edu/category/ads/>

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 Capital Projects Program Manager/HUB
 Program Manager
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 Fax: 919-515-4253
 Email: slburch@ncsu.edu

Interactive Purchasing System (IPS):
 NC State University Repair and Renovations
 Solicitations
 Website: www.ips.state.nc.us/ips/deptbids.aspx

Minority, Women and Small Business Assistance Contacts:

Office for Historically Underutilized Businesses (HUB)
 116 West Jones Street
 Raleigh, NC 27699-1336
 Phone: 919-807-2330
 Website: www.doa.nc.gov/hub

NCMWBE Coordinators Network (NCMWBE/NCCN)
 PO Box 1856
 Raleigh, NC 27602
 Website: www.mwbenetwork.org

United Minority Contractors of NC (UMCNC)
 5 West Hargett St., Suite 309
 Raleigh, NC 27601
 Phone: 919-834-1211
 Website: www.umcnc.org

Hispanic Contractors Association of the Carolinas (HCAC)
 226 Westinghouse Blvd.
 Charlotte, NC 29708
 Phone: (704) 583-4184
 Website: <https://thehcac.org>

NC Indian Economic Development Initiative, Inc. (NCIEDI)
 5800 Farrington Pl.
 Raleigh NC 27609
 Phone: 919-232-9414
 Website: www.ncindian.com

The NC Institute of Minority Economic Development
 114 West Parrish St.
 Durham, NC 27701
 Phone: 919-956-8889
 Website: www.ncimed.com

The Institute of Economic Development
 114 West Parrish St.
 Durham, NC 27601
 Phone: 919-956-8889
 Website: <https://theinstitutenc.org>

Self Help
 301 West Main St.
 Durham, NC 27701
 Phone: 919-956-4400
 Website: www.self-help.org

NCSU Capital Project Management HUB Advisory Committee Members

NC State University Members

Shon Burch-Crispin, MBA, CPM, CMD
 CPPM/HUB Program Manager
 HUB Advisory Committee Chair

Cameron Smith, PE, LEED AP
 Senior Director
 Capital Project Management

Doug Morton
 Associate Vice Chancellor
 Facilities Division

Lisa Johnson, AIA
 University Architect
 Office of University Architect

Jeff Elliott, MBA, PE
 Assistant Director
 Contract Construction

Willy Yamamoto
 Director, Construction Services

Community Members

Cheryl Sutton, EdD
 MWBE Program Manager
 City of Raleigh

Jamalh Greene
 HUB Coordinator
 NC Department of Administration
 Office of Historically Underutilized Businesses

Carla Daniels
 HUB Coordinator
 Wake Tech Community College

Shanika Baughman
 Senior EO/EA Specialist
 City of Durham

Kacee Walls
 Founder and CEO
 Storm Technical Designs