

Agenda

- 7:30-8:30am - Breakfast
 - Persimmon Conf Room 129 Giles Horney Main Building
- ~8:30-9:00am - Presentations
 - Contractors in Magnolia Conference Room 100 in Giles Horney Main Building
 - Designers in Sycamore Conference Room 101 in Construction Shops Building
 - Overflow in Hickory Conference Room 103 in Construction Shops Building
- ~9:00-10:00am - Networking





THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

Open House & Networking Symposium

Designer/Contractor/Facilities Services

October 18, 2018

Welcome & Introductions

Gregory A. Driver, PE

Executive Director Engineering & Construction

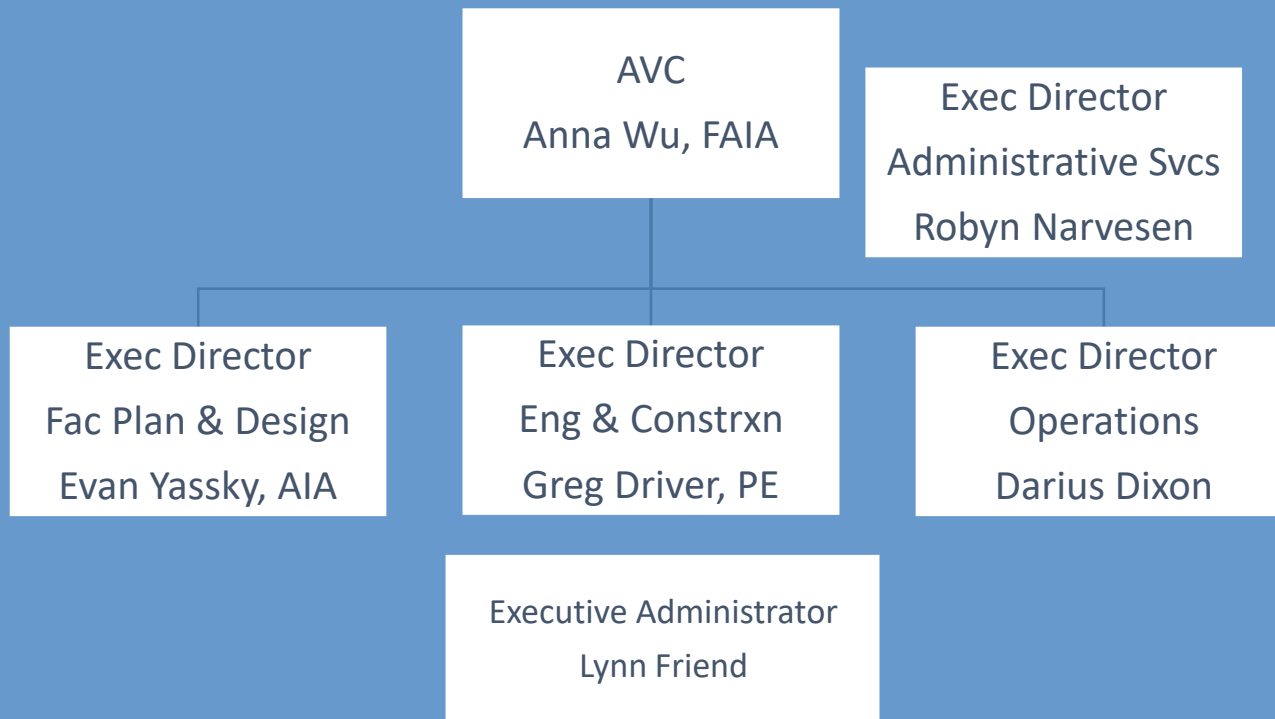
&

University Engineer



UNC
FACILITIES SERVICES

Organizational Structure



ENGINEERING AND CONSTRUCTION

Gregory A. Driver, PE
University Engineer
Executive Director of Engineering
and Construction

208 Giles F. Horney Building
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Chapel Hill, NC 27599-1821

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Engineering and Construction is a department within Facilities Services responsible for all engineering planning, design and implementation; all energy management related to the load side; and all construction activities on campus.

Facilities Engineering

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Joseph Magura, PE
Senior Mechanical Engineer
Chuck Dabney, PE
Facility Engineer
Ben Johnson, LEED, BD+C
Facility Engineer
Billy Vierra
Electrical Design

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Staff

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Energy Analyst
George A Jacobs, PE
Senior Energy Engineer
Obadale St. George
Energy Engineer
Rod Rabold, CxA
Senior Commissioning Engineer
Todd Freeman
Commissioning Technician
Anthony Beale
Commissioning Technician

Construction Management

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Director
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Staff

Mary Boyer
Business Services Coordinator

Construction Managers
Chris Glenn
Kyle Coble
Keith Snead
Greg Graves
Joel Witherow
George Kirschmann
Mike Lloyd
Errol Simon
Danny Williams

Construction Services

Kenneth Vogel
Interim Assistant Director
Construction Services

Richard Boone Estimating	Doug Marlow, Sheet Metal
Lou Buarotti Carpentry	Josh Clark Signage
Kenny Allen Plumbing	Ken Vogel, All Jobs Shop
Walter Garrett Painting	Wadene Wagoner Scheduling
Jeff Fogleman Electrical	



Engineering Services

Edward Mann, III
Business & Technology
Applications Specialist
William K. Robertson, PE
BSL3/DCM Engineer
Lynn Friend
Executive Assistant
Cody J. Pace
Administrative &
Business Support

Engineering and Construction Offices are located in the Giles F. Horney Building, 103 Airport Drive, Chapel Hill, NC 27599. All correspondence should include: Engineering and Construction, Campus Box 1821



UNC
FACILITIES SERVICES

UNC Stats

- Total # of Buildings: 473 (350 major)
- Total GSF: 20,359,773 sf
- Total Acreage: 4,350 acres
- State Supported Buildings GSF 11,168,571 sf
- Building Replacement Value: \$4,570,021,127
- Building Deferred Maintenance: \$ 824,414,339



Construction Opportunities



Construction Management

Manages \$192,947,326 average/year in Formal Projects

FORMAL: Greater than \$500k

- Posted on the University of North Carolina website.
- <http://www.northcarolina.edu/apps/finance/vendors/opportunities.htm>



Upcoming Formal Opportunities

Property	Project Description	Status/Date	Project	Design Estimated End	Construction Estimated Start	Construction Estimated End	Estimated Total	Contractor/ Contract type
CAROLINA UNION	Auditorium Renovation	CD	673	10/1/2018	11/15/2018	5/15/2019	\$ 1,500,000	Single Prime
JOYNER RESIDENCE HALL	HVAC & Bathroom Improvements, and Window Replacement	DESIGN- DD	683	11/1/2018	5/1/2019	8/15/2019	\$ 6,616,825	Single Prime
MARSICO HALL (360)	MARSICO VIVARIUM EXPANSION	CD	662	9/1/2018	10/23/2018	7/2/2019	\$ 2,650,000	Single Prime
MBRB- ANIMAL SURGERY	ENABLING PROJECT FOR MEB	CD	693	10/1/2018	11/9/2018	8/30/2019	\$ 3,250,000	Single Prime
MOREHEAD PLANETARIUM	CLASSROOM, OFFICE AND EXHIBIT SPACE RENOVATION & 2015 R&R	CD	585	9/1/2018	5/1/2019	12/1/2019	\$ 2,200,000	Single Prime
NEW EAST	NEW ELEVATOR	CD	655	9/1/2018	2/1/2019	1/1/2020	\$ 1,650,000	Single Prime
ODUM VILLAGE	Demolish Existing Bldg's & Utilities	CD	630	9/15/2018	1/1/2019	6/1/2019	\$ 6,500,000	Single Prime
UNC HOSPITAL	UNCH Surgical Tower - Coordination Project is being managed by UNC Hospital	DESIGN			11/1/2018	3/31/2022	\$291,000,000	CMR- Skanska
HORACE WILLIAMS AIRPORT	SOLAR AND BATTERY STORAGE DEMO PROJECT	CD	645	9/5/2018	1/7/2018	8/27/2019	\$ 1,700,000	Single Prime
MARSICO HALL (360)	MEP SYSTEMS	CD	663	1/21/2019	4/1/2019	9/3/2019	\$ 800,000	Single Prime
MOREHEAD CHEMISTRY LAB (081)	Ventilation Improvements (R&R)	CD	677		TBD	TBD	\$ 845,000	Single Prime
MEDICAL EDUCATION BUILDING	NEW MEDICAL EDUCATION BUILDING	DD	633	5/1/2019	9/1/2019 ***delay due to enabling projects	71/1/2022	\$105,100,000	CMR- Brassfield/ Metcon
TRB	TRANSLATIONAL RESEARCH BUILDING	ADVANCE PLANNING	659	8/30/2019	9/1/2019	1/3/2022	\$130,000,000	CMR- Lechase



Construction Management

Manages \$12,000,000 average/year on Informal projects

- **INFORMAL: Less than \$500k**
 - **Less than \$ 100k:**
 - Invitation is sent to two (2) Majority Contractors and two (2) Minority Contractors listed in the Contractor Bid Invitation List.
 - HUB goal of 10% participation is encouraged and Identification of Minority Business will be submitted.
 - **Between \$ 100k and \$ 500k: Group Bid**
 - Invitation is sent to eight - ten (8-10) contractors selected from the Contractor Bid Invitation Group List. Groups will be rotated as projects are bid.
 - HUB goal of 10% participation is required. HUB supporting documents required with bid.



Upcoming Informal Opportunities

Property	Project Description	Status/ Date	Project	Design Estimated End	Construction Estimated Start	Construction Estimated End	Estimated Total
BURNETT-WOMACK (229)	Burnett Womack- convert work stations to offices on 4th floor CIP # 668	CD	FSP19121	11/19/2018	1/17/2019	4/1/2019	\$ 225,425
FOBRL - FRANCIS OWEN BLOOD RESEARCH LAB (212)	FOBRL- Generator replacement CIP # 644	CD	FSP17300	9/14/2018	2/1/2019	7/1/2019	\$ 442,280
GRAHAM STUDENT UNION (065)	Graham Student Union - Fall Protection for Wendy's Exhaust Fan \$43,000 - Dining	CD	FSP14442		12/1/2018	12/21/2018	\$ 40,711
KENAN STADIUM (518)	Kenan Stadium - Install Backflow Preventers CIP # 691	A/W BID	FSP18197	3/30/2018	12/1/2018	2/1/2019	\$ 359,071
MACNIDER (202)	MACNIDER - ROOF FALL PROTECTION \$55,000 - FAC	CD	FSP15082		11/1/2018	12/1/2018	\$ 60,320
PEABODY (037)	Peabody - Renovate Inner Basement	CD	FSP18406	11/28/2018	2/1/2019	6/1/2019	\$ 261,194
STUDENT REC CENTER (541)	Student Rec Center - Renovate Main Entrance	DD	FSP18431	12/4/2018	5/1/2019	8/1/2019	\$ 160,000
TARRSON HALL (244)	Tarrson Hall - 2nd FL Renovation; approx. 3,000 sq ft	DD	FSP18533	1/15/2019	3/1/2019	9/1/2019	\$ 426,514



Classroom/Office
Renovations

Feasibility Studies

Labs &
Makerspaces

Façade &
Waterproofing
Repairs

Fall Protection

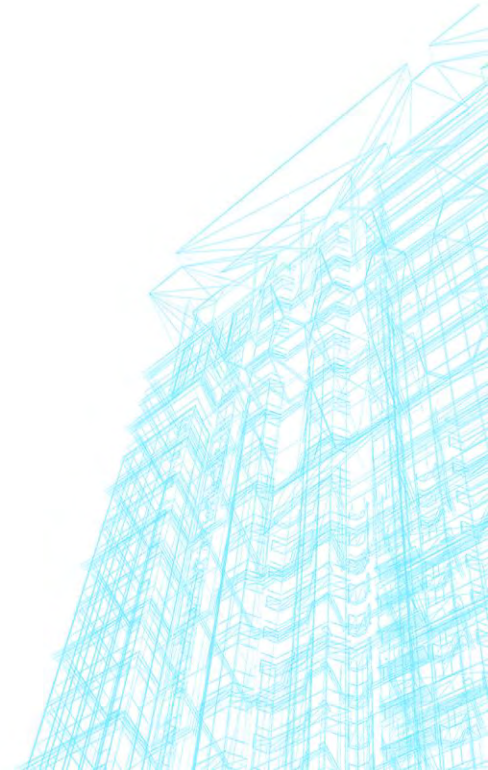
Roof Replacement

Ventilation
Improvements /
Fume Hood
Installation

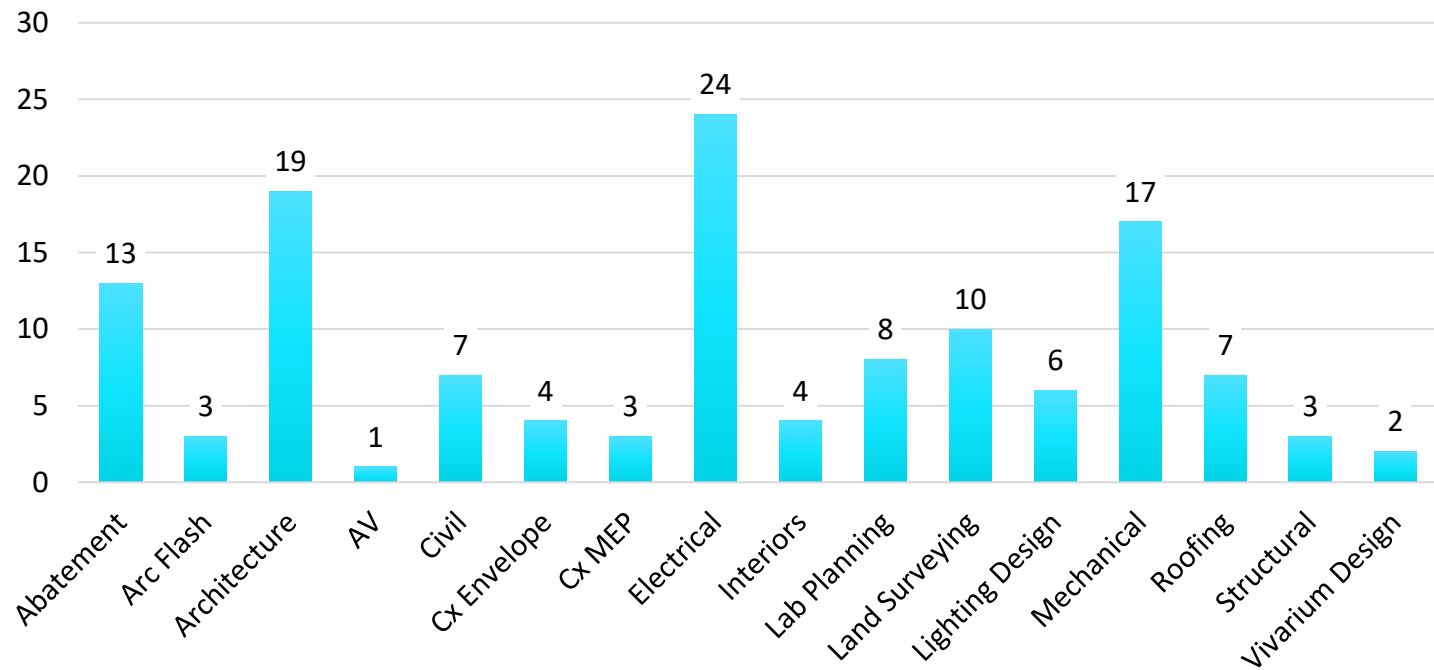
Parking Deck
Repairs

2017 & 2018 OEDA

- 20 Month Period
- 131 Designer Contracts
- Majority of these led to Construction Contracts



2017 & 2018 OEDA CONTRACTS



HUB Goals

UNC follows the State of NC HUB Guidelines

UNC has a verifiable goal of 10% participation

HUB participation rate was 19.43% for last quarter

We thank you for your past and continued efforts in helping us surpass our goal.



Other key players

From Facilities

- ADA
- Building Services
 - Life Safety
 - HVAC Services
 - Electrical Services
 - Plumbing Services
 - Exteriors / Roofing
 - Grounds
- Controls & Commissioning
- Facilities Planning & Design

Outside Facilities

- EHS
- ITS
- Energy Services
- Transportation & Parking
- User Group



Process of Selection

- Submit Letters of Interest Online @ <http://go.unc.edu/unc-loi>
- No submissions accepted in hard copy
- Submissions Due 10-26-2018 by 5:00 PM
- Reviews of submitted info by committees and then grouped. Completed by January 1, 2019.
 - Experience
 - Past Performance
 - Project Management
 - HUB Inclusion & Use of Local Subcontractors
 - Safety



Submission Requirements

- Company and Contact Information
- Uploads
 - Copy of NC Contractor's License
 - Past Projects Relevant Information
 - Documented Company's HUB Plan
 - Documentation of Fines/Violations/Citations
 - Certificate of Insurance showing minimum coverages



Current Bid Rotation

- Bids Over \$100K - \$500K
 - A total of 32 General contractors divided into 3 groups
 - Rotated through the 3 groups as projects developed
 - Currently we have 1 group for Mechanical & Electrical contractors
- Bids Under \$100K
 - Same 32 General contractors divided into 11 groups
 - Each group consisted of 2 majority & 2 minority contractors
 - Rotated through the 11 groups as projects developed
 - Currently we have 1 group for Mechanical & Electrical contractors



Advertised Contracting Areas

Major trades:

General
Mechanical
Electrical

Special trades:

Hazard Material Abatement
Painting
Paving
Roofing
Waterproofing



Submissions Due
10-26-2018 by 5:00 PM

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<http://go.unc.edu/unc-loi>



Questions

Thank You!

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