



Small & Minority Business Regional Outreach Workshop

University of Connecticut West Hartford Campus

Tuesday, April 26, 2016

Welcome!

UNIVERSITY OF CONNECTICUT

MATTHEW A. LARSON, MBA

DIRECTOR OF PROCUREMENT SERVICES
CAPITAL PROJECTS AND CONTRACT ADMINISTRATION

VERONICA F. COOK, M.S.O.M.

PROGRAM DIRECTOR
UConn SUPPLIER DIVERSITY PROGRAM

LAURA A. CRUICKSHANK, FAIA

MASTER PLANNER AND CHIEF ARCHITECT
PLANNING ARCHITECTURAL AND ENGINEERING SERVICES

UConn Consultants

John Parrinello

Program Manager
Gilbane Building Company

Patrick J. Delany

Chief Purchasing Agent
Gilbane Building Company

Kurt M. Harrison, Jr.

President
Nutmeg Planners, LLC

Welcome!

CONSTRUCTION MANAGERS

Richard A. Longhi, LEED AP BD+C
Procurement Agent
Turner Construction Company

David A. Christoforo, LEED Green Associate
Project Manager
Turner Construction Company

Sam Walker
Chief Estimator
Standard Builders, Inc.

Support Services

Department of Administrative Services
Construction Contractor Prequalification
Ada E. Rivera

Department of Administrative Services
Supplier Diversity Program (SBE & MBE Certification)
Meg Yetishefsky, Manager Supplier Diversity

Commission on Human Rights & Opportunities
Affirmative Action/Contract Compliance Unit
Alvin K. Bingham, Supervisor

Welcome!

Support Services - continued

HEDCO, Inc.

Kim Hawkins, Vice President/Chief Operating Officer

Connecticut Procurement Technical Assistance Program

Lisa Wood, Statewide Director

Connecticut Procurement Technical Assistance Program

Frank Dixon, Procurement Specialist

Connecticut Business & Industry Association

CBIA Education & Workforce Partnership

Andrea Comer, Executive Director

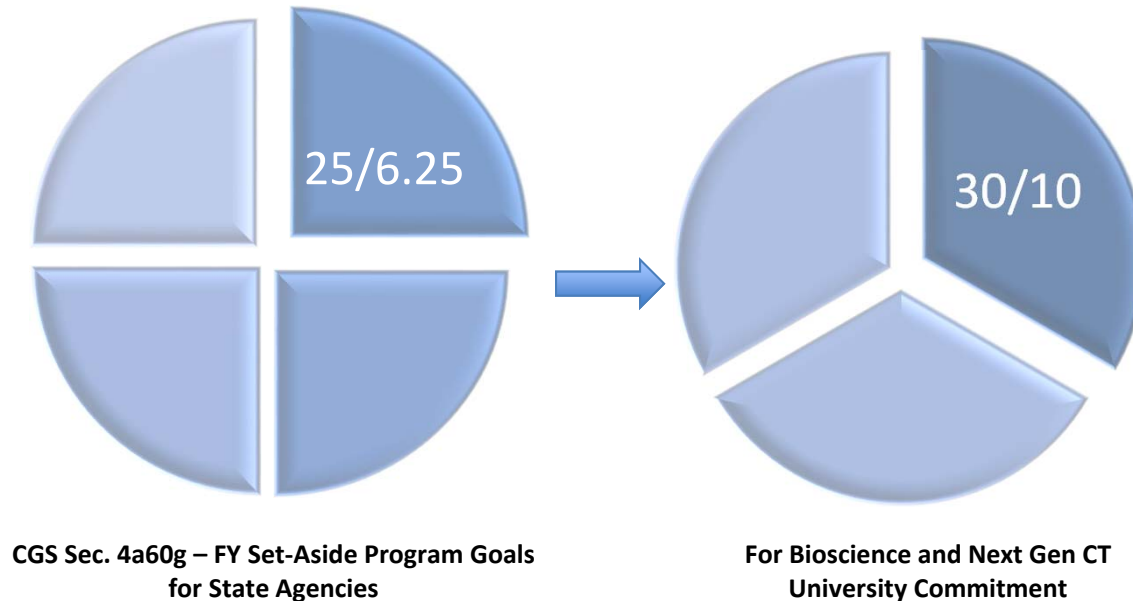


Procurement Services

Veronica F. Cook, MSOM
UConn Supplier Diversity Program Director (USDp)

Matthew A. Larson, MBA
Director of Procurement Services

Construction–Related S/MBE Utilization Goals



S/MBE Challenges

WITHIN CONSTRUCTION

- Pre-qualification Process
- Bidding Requirements
- Bonding
- Insurance
- Submittal Errors and Payment Delays
- Cash Flow Management
- Back Office Administrative Support Gaps
- Capacity Building
- Sustainability and Viability of S/MBEs



Current Opportunities

To view a list of current bid opportunities please visit the following websites:

CAPITAL PROJECTS AND CONTRACT ADMINISTRATION (CPCA) - www.cPCA.uconn.edu

- CPCA Resource Page - <http://cPCA.uconn.edu/resources/> - How To Do Business With Us
- Construction: <http://cPCA.uconn.edu/construction-current-opportunities-open-bids/>
- Professional Services: <http://cPCA.uconn.edu/current-opportunities/>

Current Contracts

To view a list of current bid opportunities please visit the following websites:

CAPITAL PROJECTS AND CONTRACT ADMINISTRATION (CPCA)

- On-Call Trade Contracts
 - <http://cpca.uconn.edu/on-call-contracts/>
- S/MBE On-Call Trades
 - <http://cpca.uconn.edu/on-call-smbe-trade-contracts-100k/>
- Professional Services On-Call Contracts:
 - [http://media.procurement.uconn.edu/cpca/Contracts and Awards/On- Call Professional List 3-3-16.pdf](http://media.procurement.uconn.edu/cpca/Contracts_and_Awards/On-Call_Professional_List_3-3-16.pdf)

Outreach Project Updates



Planning, Architectural & Engineering Services

Laura A. Cruickshank, FAIA

April 26, 2016

Agenda

Process Updates

- Construction Activity Maps for 2016 and 2017

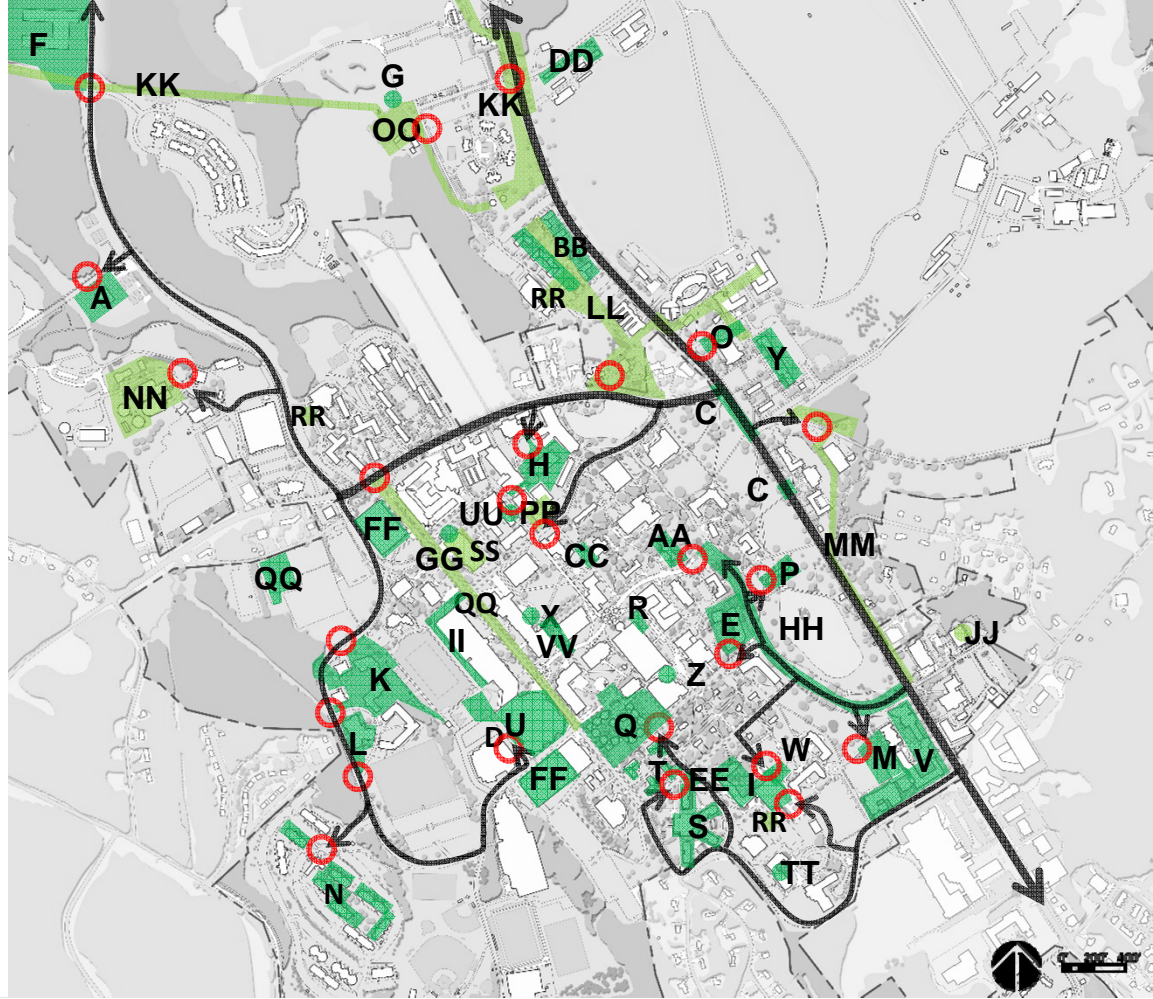
Project Updates

- Projects Recently Completed & in Construction
- Projects in Design
- Projects in Planning

LEGEND

- Construction Traffic
Construction Entrance
Building & Site Projects
A Main Accumulation Area (Spring 2016 – Fall 2016)
C 195 Signals @ Whitney & N. Eagleville (Summer 2016)
D Gampel Cooling Towers / Chiller (Spring 2015 – Summer 2016)
E Monteith Renovation (Fall 2015 – Summer 2016)
F Innovation Partnership Building (Summer 2015 – Fall 2017)
G Band Tower (Summer 2016)
H Engineering Science Building (Spring 2015 – Spring 2017)
I S Campus Residence Hall Repairs (Spring 2014 – Fall 2016)
K NextGen Residence Hall (Fall 2014 – Summer 2016)
L Putnam Refectory Renovation (Fall 2015 – Summer 2016)
M Fine Arts Production Facility (Summer 2016 – Fall 2017)
N Hilltop Apartment Repairs (Summer 2016)
O Ratcliffe Hicks Retaining Wall (Summer 2016)
P Manchester Hall Electrical & Drainage Repairs (Spring 2016 – Summer 2016)
Q CT Commons Demolition (Summer 2016 – Fall 2016)
R Babbidge Electrical Service (Summer 2016 – Spring 2017)
S Alumni Dorm Façade (Summer 2016)
T West Campus Bathroom Renovations (Summer 2016)
U Gampel Roof Repair (Summer 2016 – Fall 2016)
V Fine Arts Improvements (Summer 2016 – Summer 2017)
W South Campus Steps (Summer 2016)
X Student Union East Façade (Summer 2016)
Y Young Façade Work (Spring 2015 – Summer 2016)

- Z Dodd Center Steps (Summer 2016)
AA Koons Hall Roof (Summer 2016)
BB Towers Code Improvements (Summer 2016)
CC Benton Service Alley (Summer 2016)
DD Chicken Coop Demo (Summer 2016)
EE Watson Hall Flooring (Summer 2016)
FF N & S Parking Garage Safety Improvements (Summer 2016)
GG Jorgenson Plaza (Summer 2016)
HH Mansfield Road Paving (Summer 2016)
II Field House Service Drive Paving (Summer 2016)
Utility Projects
JJ Bishop Mechanical and Roof (Summer 2016 – Fall 2016)
KK Water Line Replacement Phase II (Spring 2016 – Summer 2016)
LL N. Eagleville Rd Infrastructure Repair Ph 3A (Summer 2016)
MM Sewer Replacement at Storrs Road (Summer 2015 – Summer 2016)
NN Water Pollution Control Facility Repair (Summer 2015 – Summer 2020)
OO 5.4M Tank Repairs (Summer 2016)
PP CUP Upgrades (Spring 2015 – Spring 2018)
QQ ESPC Steamline (Summer 2016)
RR Dining Hall FOG (Summer 2016)
SS Jorgenson HVAC (Summer 2016)
TT Phillips HVAC Repair (Summer 2016)
UU UTEB/EII CHW (Summer 2016)
VV SU Steam (Summer 2016)



LEGEND

- Construction Traffic
 - Construction Entrance
- Building & Site Projects**

- A** Main Accumulation Area
(Spring 2016 – Fall 2016)
- B** South Campus Commons
(Fall 2016 – Spring 2018)
- F** Innovation Partnership Building
(Summer 2015 – Fall 2017)
- H** Engineering Science Building
(Spring 2015 – Spring 2017)
- I** S Campus Residence Hall Repairs
(Spring 2014 – Fall 2016)
- J** Gant South Renovation
(Fall 2016 – Summer 2018)
- M** Fine Arts Production Facility
(Summer 2016 – Fall 2017)
- Q** CT Commons Demolition
(Summer 2016 – Fall 2016)
- R** Babbidge Electrical Service
(Summer 2016 – Spring 2017)
- V** Fine Arts Improvements
(Summer 2016 – Summer 2017)

- Utility Projects**
- JJ** Bishop Mechanical and Roof
(Summer 2016 – Fall 2016)
 - NN** Water Pollution Control Facility Repair
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 - PP** CUP Upgrades
(Spring 2015 – Spring 2018)



LEGEND

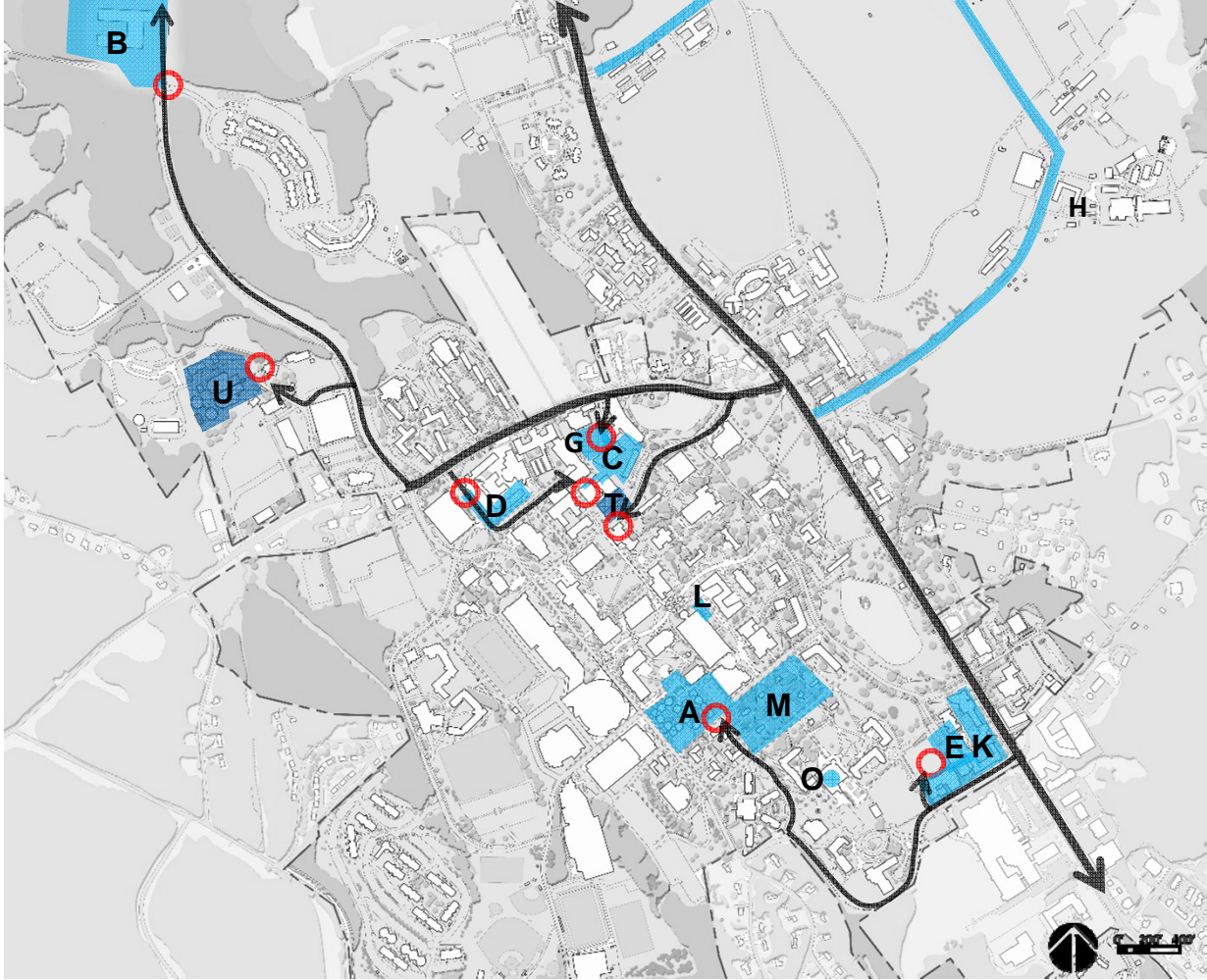
- Construction Traffic
- Construction Entrance

Building & Site Projects

- A Recreation Center
(Spring 2017 – Spring 2019)
- B Innovation Partnership Building
(Summer 2015 – Fall 2017)
- C Engineering Science Building
(Spring 2015 – Spring 2017)
- D Gant South Renovation
(Fall 2016 – Summer 2018)
- E Fine Arts Production Facility
(Summer 2016 – Fall 2017)
- G Pharmacy Quad
(Spring 2017 – Fall 2017)
- H North Trail Network
(Spring 2017 – Fall 2017)
- K Fine Arts Improvements
(Summer 2016 – Summer 2017)
- L Babbidge Electrical Service
(Summer 2016 – Spring 2017)
- M South Campus Commons
(Fall 2016 – Spring 2018)

Utility Projects

- O Rome Commons HVAC Replacement
(Spring 2017 – Summer 2017)
- T CUP Upgrades
(Spring 2015 – Spring 2018)
- U Water Pollution Control Facility Repair
(Spring 2015 – Summer 2020)



LEGEND

Construction Traffic

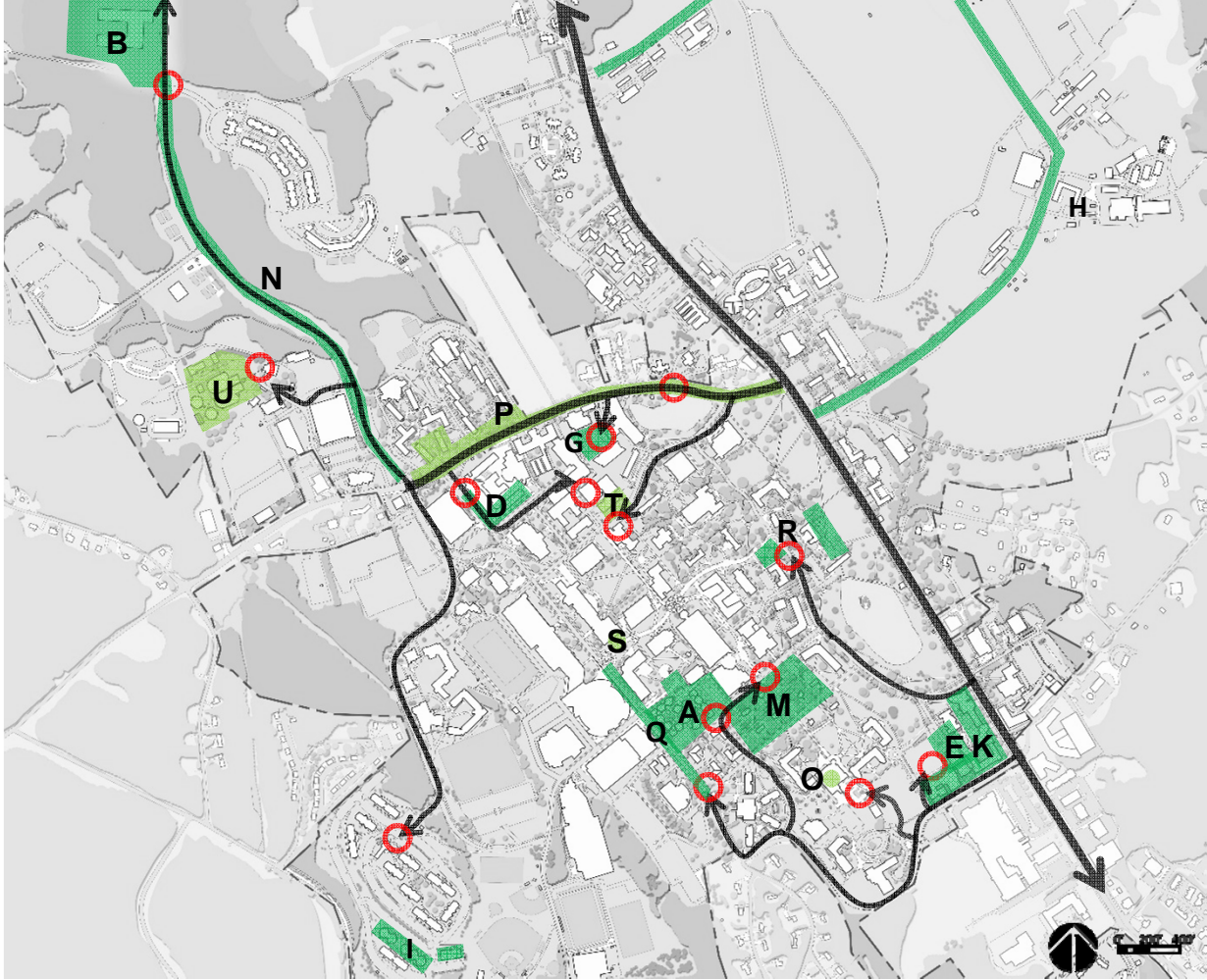
Construction Entrance

Building & Site Projects

- A Recreation Center
(Spring 2017 – Spring 2019)
- B Innovation Partnership Building
(Summer 2015 – Fall 2017)
- D Gant South Renovation
(Fall 2016 – Summer 2018)
- E Fine Arts Production Facility
(Summer 2016 – Fall 2017)
- G Pharmacy Quad
(Spring 2017 – Fall 2017)
- H North Trail Network
(Spring 2017 – Fall 2017)
- I Hilltop Apartment Repairs
(Summer 2017)
- K Fine Arts Improvements
(Summer 2016 Summer 2017)
- M South Campus Commons
(Fall 2016 – Spring 2018)
- N Discovery Drive Paving and Curbing
(Summer 2017)

Utility Projects

- O Rome Commons HVAC Replacement
(Summer 2017)
- P N. Eagleville Rd Infrastructure Repair Ph 3B
(Summer 2017 – Summer 2018)
- Q Hillside Road Utility
(Summer 2017)
- R Historic Campus Steam
(Summer 2017)
- S Dining Hall FOG
(Summer 2017)
- T CUP Upgrades
(Spring 2015 – Spring 2018)
- U Water Pollution Control Facility Repair
(Spring 2015 – Summer 2020)



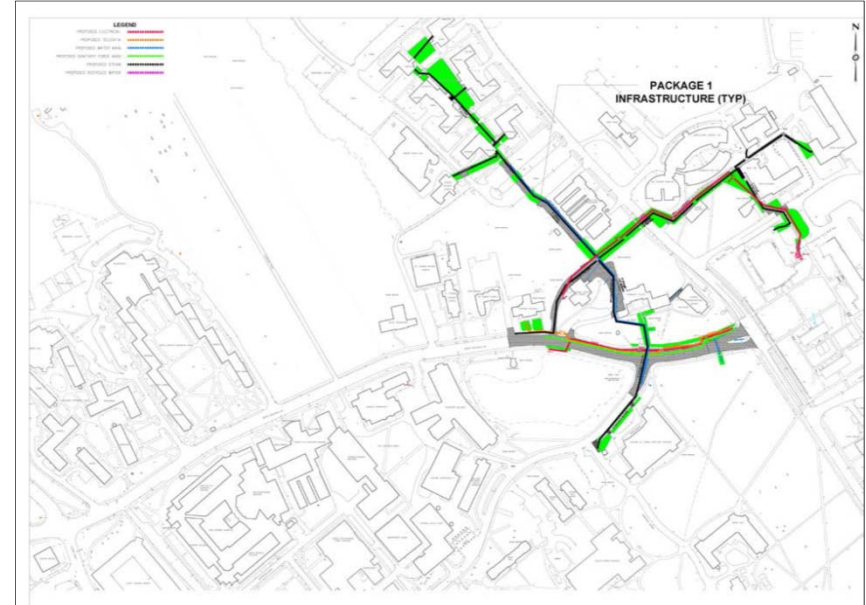
Completed / in Construction

Project Updates: **\$675M+** currently in Construction

- North Hillside Road (renamed Discovery Drive)
- Young Building Renovation/Addition Envelope Repairs
- North Eagleville Road Infrastructure, Phase II
- Gurleyville Road Pump Station & Sewer Replacement
- Next Generation CT Residence Hall
- Putnam Refectory Renovation
- Hartford Campus Relocation
- Innovation Partnership Building
- Engineering and Science Building
- Monteith Renovation
- Main Accumulation Area (chemical waste transfer facility)
- Gampel Cooling Towers
- Main Water Line Replacement Phase I Completed, Phase II in Construction
- North Eagleville Road Infrastructure, Phase IIIA
- ESPC - Energy Services Performance Contract (ESCO)
- Exigent Steam & Condensate Service- Replacement at Student Union

North Eagleville Road Phase IIIA Utilities

- Scope:
 - Replacement of aged Steam and Condensate lines, water lines and electrical ductbanks on the North East part of campus.
- Budget: \$20M Final Phase
 - CM at Risk Project.
 - GMP Contract awarded
- Schedule:
 - Construction Start May 2016
 - Complete Construction Fall 2016



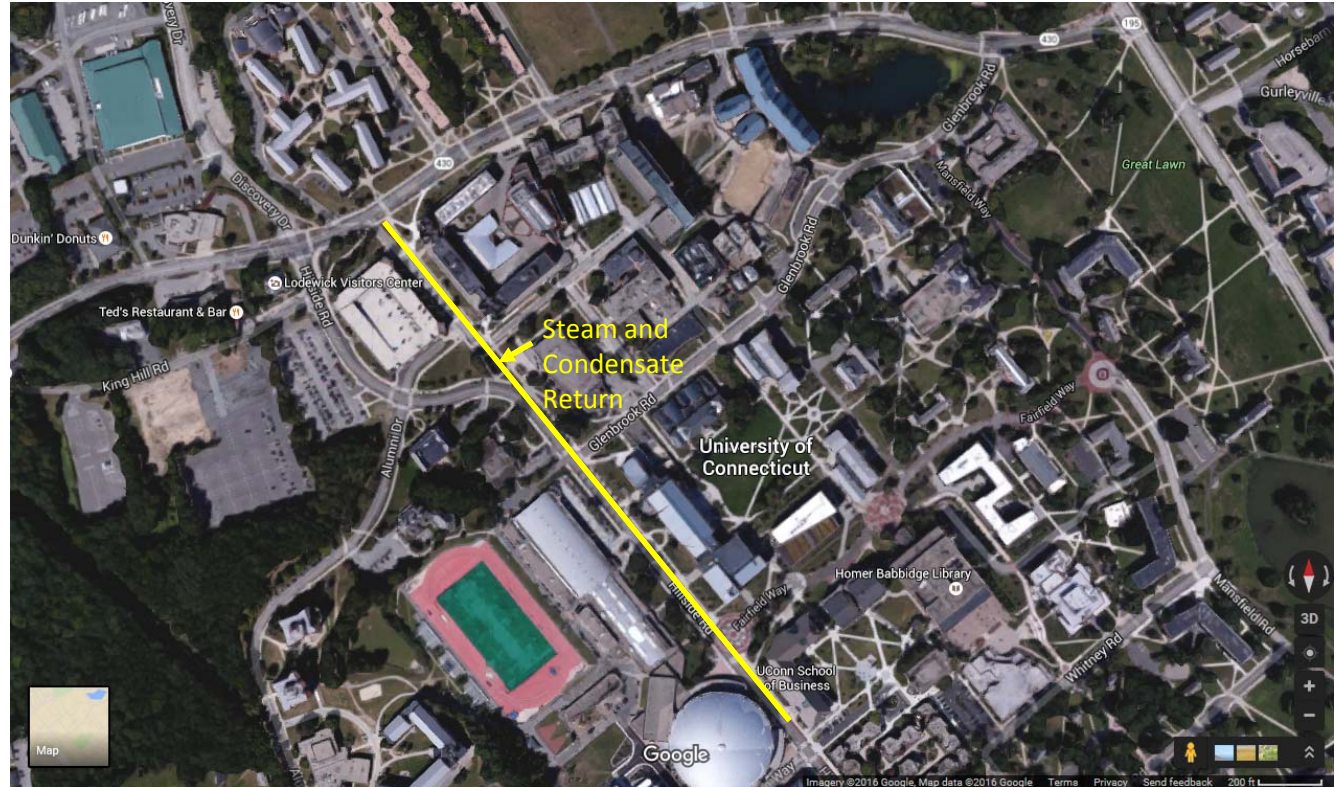
North Eagleville Road Phase IIIA Site Plan

*Engineers: AECOM
CM: Turner*

ESPC - Energy Services Performance Contract (ESCO)

- Scope:
 - Replacement of aged Steam and Condensate lines in Hillside Road, from Gant to the School of Business
 - Energy conservation projects in numerous buildings
 - Estimated operational and maintenance savings of approximately \$1.5 million per year
 - Utilizing the DEEP “Lead by Example” Program
- Budget: \$28.1M Final Phase
 - Contract Awarded to Consolidated Edison (ConEd) Solutions
- Schedule:
 - Construction Start May 2016
 - Project Duration 22 months

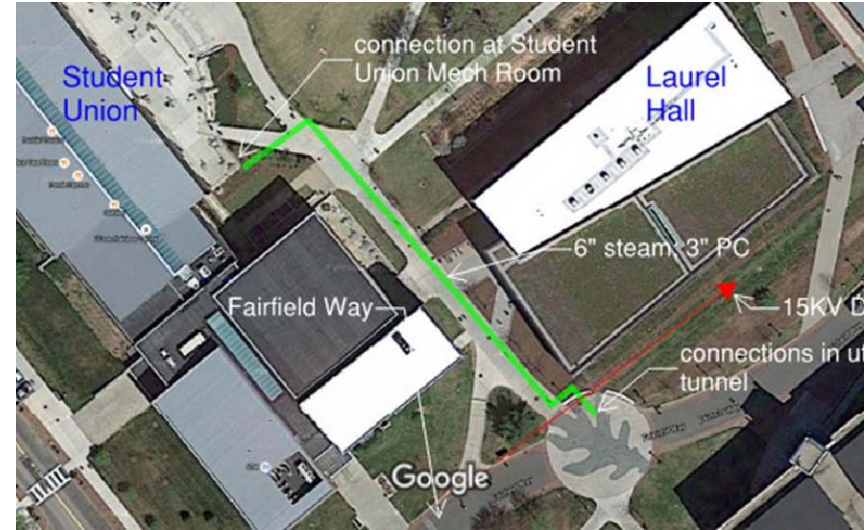
ESPC - Energy Services Performance Contract (ESCO)



Project Locus

Exigent Steam and Condensate Service Replacement at the Student Union

- Scope:
 - Replacement of damaged Steam and Condensate lines servicing the Student Union
 - Broken pipe cause major electrical outage in Feb and March 2016
- Budget: \$1M Final Phase utilizing exigent procurement strategy
- Schedule:
 - Construction Start May 2016
 - Complete Construction August 2016



Steam and Condensate Line Service Replacement – Student Union

*Engineers: BVH
CM: Fusco*

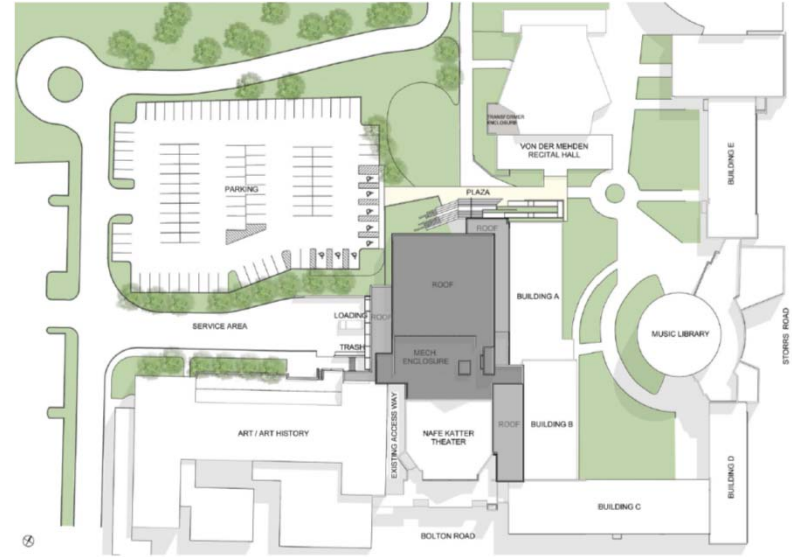
in Design

Project Updates: **\$400M+** currently in Design

- Fine Arts Phase II Production Addition
- Gant Building Renovation
- Student Recreation Center
- North Eagleville Road Infrastructure, Phase IIIB
- Gampel Pavilion Renovation
- Infrastructure Projects
 - Framework for Campus Infrastructure – BVH and CDM Engineers
 - Utility Modeling – in process
 - Student Recreation Center – Analysis and design in process
 - Soccer, Baseball & Softball Stadia – Analysis and design – In process
 - Support for ESCO Project – in process
 - Bergin/Depot Campus Utility Analysis – in process

Fine Arts Phase II

- Scope: 27,600 GSF addition
 - Drama, Music and the Nafe Katter Theater
 - New entry lobby and connectivity between current buildings
- Budget: \$23.5M (Design Development phase)
- Schedule:
 - Bidding in late Spring 2016
 - Start construction Summer 2016
 - Complete construction Fall 2017
- Key Issues: Coordination with adjacent projects: Music Library, reroofing and flooring replacement



Fine Arts Site Plan

*Architects: H3 Architects
CM: TBD*

Fine Arts Phase II



View of Production Addition, looking southeast

Gant Building Renovation - STEM

- Scope: 285,000 GSF Renovation
 - Teaching labs, faculty offices and support space upgrades
 - Infrastructure and Envelope Upgrades
 - Targeting LEED Gold
- Budget: \$140M – 170M Revised Planning
- Schedule:
 - Schematic Design in Process
 - Start construction Spring 2017
 - Complete construction Summer 2021
- Key Issues: Swing space enabling projects



Gant Building, looking East

*Architects: Goody Clancy / Mitchell Giurgola
CM: Whiting Turner*

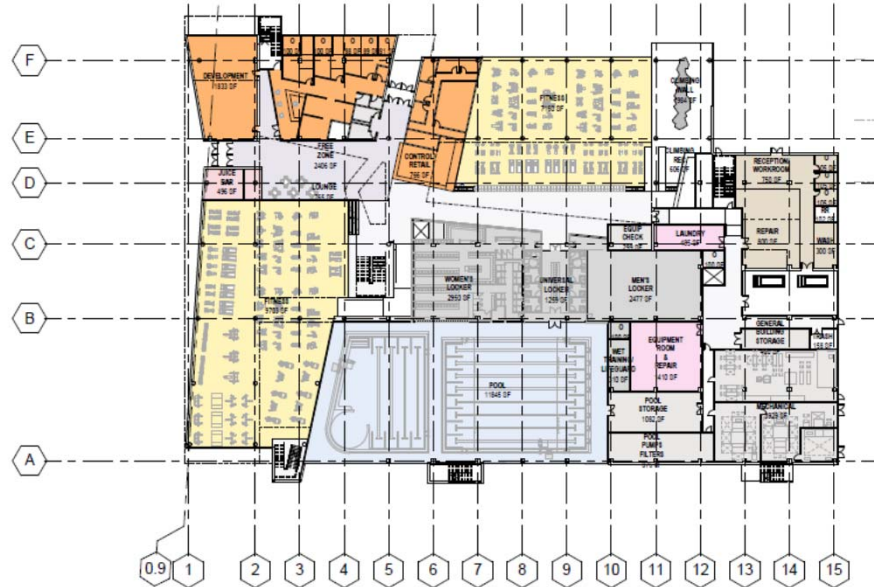
Gant Building Renovations - STEM

Science Facilities: Project Schedule				DRAFT				September 18, 2014 (Revised 2/8/16)					
BUILDINGS	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
GANT BUILDING COMPLEX													
GANT SOUTH WING & PLAZA BUILDING		PLANNING	DESIGN	RENOVATION	MOVE								
GANT WEST WING		PLANNING	DES		DESIGN		RENOVATION	MOVE					
GANT NORTH WING		PLANNING	DES				DESIGN		RENOVATION	MOVE			
SCIENCE 1: 200,000 GSF +/-		PLANNING	DESIGN	CONSTRUCTION									

Gant Building Renovations Project Schedule by Phase

Student Recreation Center

- Scope: Student Recreation Center
 - 200,000 GSF building program
- Budget: \$100M, Planning phase
 - JCJ/Moody-Nolan Architects
 - Turner Construction - CM
- Schedule:
 - Schematic Design in process
 - Bidding Winter 2017
 - Complete Construction Summer 2019
- Key Issues: Timing of enabling utility projects & EIE; budget



*Student Recreation Center –
Schematic Design Ground Level Floor Plan*

Architects: J C J / Moody Nolan
CM: Turner

Student Recreation Center



View from Whitney road



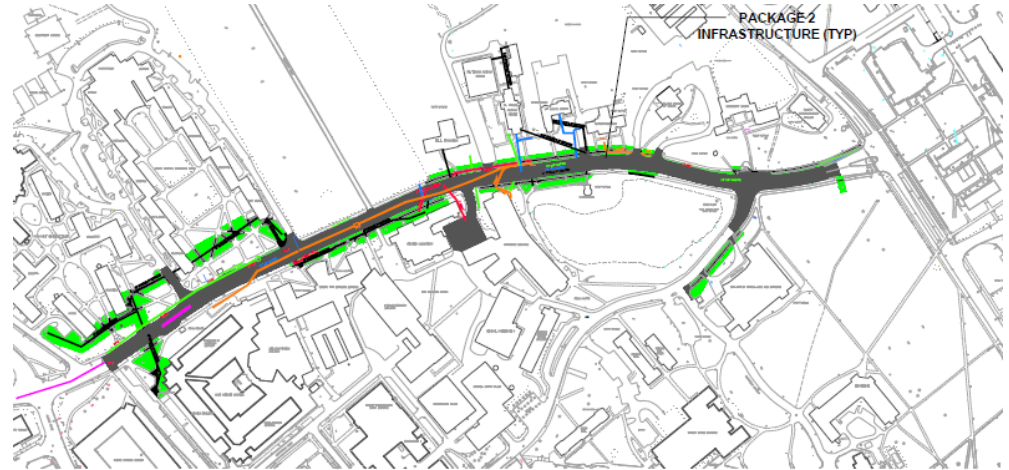
View from courtyard



Design team presenting to students and Recreation Center Staff at a Design Workshop

North Eagleville Road Phase IIIB Utilities

- Scope:
 - Replacement of aged Steam and Condensate lines, water lines and electrical ductbanks and sewer force main on the North West part of campus.
- Budget: \$20M Planning Phase
 - CM at Risk Project.
 - Preconstruction Services Contract awarded
- Schedule:
 - Construction Start May 2017
 - Complete Construction Fall 2017



North Eagleville Road Phase IIIB Site Plan

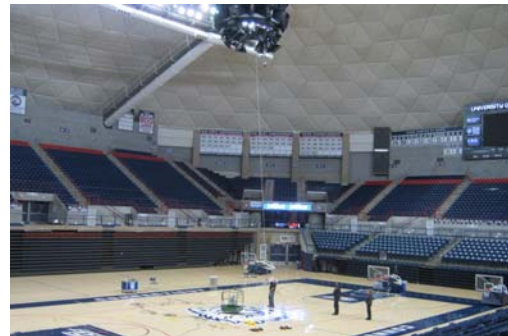
*Engineers: AECOM
CM: Turner*

Gampel Pavilion Dome & Roof Repair

- Scope:
 - Repair the exterior dome roof and partial interior
 - Address code issues
 - Upgrade Infrastructure for network broadcast cabling
- Budget: \$10M Design phase
- Schedule:
 - Construction Documents in process
 - Start Construction Spring 2016
 - Complete Construction Fall 2016

*Architects: Fennick/McCredie
CM: Downes Construction*

Interior



Exterior

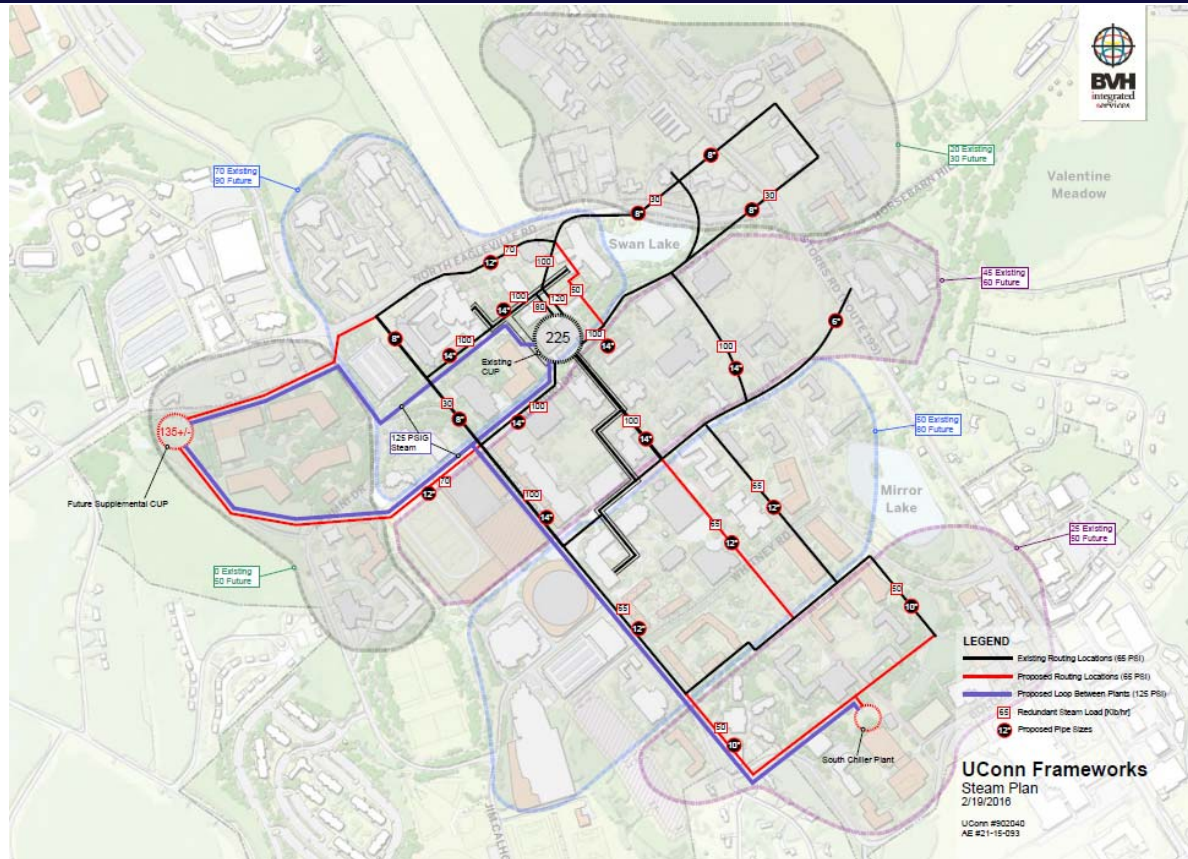
Infrastructure Projects – Utility Framework

- Framework Consultant BVH engaged to prepare GIS based computer models of all Campus Utilities
- Computer models utilized to analyze utility production/collection capacity and system demands based on campus build -out
- Connectivity computer models complete
- Near, mid and short term utility modelling in progress
- Models utilized to develop specific utility upgrades necessary for NextGen project support

Infrastructure Projects – Utility Framework

- Currently studies/designs in progress to support the following:
 - Student Recreation Center
 - North West Science Quad development
 - Stadia redevelopment
 - Central Utility Plant capacities and upgrades/new facilities necessary to support campus growth based on Master Plan
 - Development of Depot/Bergin
 - Wastewater Treatment Facility upgrades

Infrastructure Projects – Utility Framework



in Planning

Project Updates: **\$375M+** currently in Planning

- Science Facilities Space Planning – will be complete by end of April 2016
- Science 1 Building – RFQ for architects Spring 2016, construction start 2018
- Student Health Services – RFQ for programming Fall 2016, construction start 2019
- Framework Engineer for Campus Infrastructure – in process
- Infrastructure Projects
 - Northwest Quad – central or supplemental utility plant, RFQ for engineers early 2017
 - Northwest Quad – 500 car parking garage, RFQ early 2017
 - Central Campus – on-going utility projects
- On-going Planning Activities



LEGEND

University Development	New Trees
Private Development	Existing Trees
Restricted Access Pedestrian/Service/Transit/Emergency	Easement
New Vehicular Circulation	

TOTAL STUDY AREA (University Property South of King Hill Rd.) **956,300 SF**

- Constrained Land 381,500 SF

TOTAL DEVELOPABLE AREA 474,800 SF

- Open Space/Circulation 237,800 SF

BUILDABLE AREA 237,000 SF

PARCEL 'A' 97,000

Building Footprint (70% of total) 67,900

2 floors = 135,800

3 floors = 203,700

4 floors = 271,600

PARCEL 'B' 79,000

Building Footprint (70% of total) 55,300

2 floors = 110,600

3 floors = 165,900

4 floors = 221,200

PARCEL 'C' 61,000

Building Footprint (70% of total) 42,700

2 floors = 85,400

3 floors = 128,100

4 floors = 170,800

BUILDABLE AREA (North of North Eagleville Rd.) 82,000 SF

PARCEL 'D' 39,000

Building Footprint (70% of total) 27,300

2 floors = 54,600

3 floors = 81,900

4 floors = 109,200

PARCEL 'E' 43,000

Building Footprint (70% of total) 30,100

2 floors = 60,200

3 floors = 90,300

4 floors = 120,400

BUILDABLE AREA (North of King Hill Rd.) 29,000 SF

PARCEL 'F' 29,000

Building Footprint (70% of total) 20,300

2 floors = 40,600

3 floors = 60,900

4 floors = 81,200

On-Going Planning

- Capital Projects Planning Support
- Library Facilities Master Plan
- Depot Campus Redevelopment Planning
- Space Inventory Data Collection and Updates
- Relocation Planning and Coordination in Support of Capital Projects
- Site Assessment of NW Science District (Science I)
- Wayfinding Assessment, Recommendations and Implementation Plan
- Pharmacy Quad Programming
- Recreational Trail Programming & Conceptual Design
- South Campus Commons Programming & Removal of Brown House(s)
- Short-Term Capital Improvement Plan (CIP) for Parking & Transportation Support
- Parking in North Campus Technology Park

Important Web Sites (Agency Collaboration)

CAPITAL PROJECTS AND CONTRACT ADMINISTRATION (CPCA) - www.cPCA.uconn.edu

Information on Professional and Construction Services Opportunities, Contracting, and Supplier Diversity
Resource Page - <http://cPCA.uconn.edu/resources/> - How To Do Business With Us Page

PLANNING, ARCHITECTURAL AND ENGINEERING SERVICES (PAES) - www.paes.uconn.edu

Information on Master Planning, Design Standards, Staffing, Recent Reports

DEPARTMENT OF ADMINISTRATIVE SERVICES (DAS)

- ✓ Contractors must be prequalified for projects over \$500K by DAS - <http://das.ct.gov/cr1.aspx?page=10>
- ✓ Apply for S/MBE certification through DAS Supplier Diversity Program - <http://das.ct.gov/cr1.aspx?page=34>

COMMISSION ON HUMAN RIGHTS AND OPPORTUNITIES (CHRO) - <http://www.ct.gov>

Information on Monitoring and Enforcement of Contract Compliance

CT DEPARTMENT OF LABOR SERVICES- <http://www.ctdol.state.ct.us/>

Information on protecting and promoting the interests of Connecticut workers (Prevailing Wages, etc.)

PUBLIC ACT 13-233 NEXT GENERATION CONNECTICUT

<http://www.cga.ct.gov/2013/ACT/PA/2013PA-00233-R00SB-00840-PA.htm>

Student Recreation Center

Turner Construction Company
Construction Manager

UConn Hartford Public Library

Standard Builders, Inc.
Construction Manager



Support Services



Frequently Asked Questions

What does it cost to be apart of the program?

- ▶ \$0.00 – The program is free.

How long is the certification period?

- ▶ Companies are issued a 2 year certificate.

How does a company recertify?

- ▶ The Department of Administrative Services notifies certified companies via email approximately **90** days, **60** days, and **30** days prior to expiration.

What State agencies participate in the Supplier Diversity Program?

- ▶ All state agencies with a budget of more that \$10,000 are required to set aside a percentage of contracts for certified small or minority business enterprises



DAS Construction Contractor Prequalification Program

- The Contractor Prequalification Program began in October 2004
 - Sub-Contractors were added to the Program in 2007
- Contractors and subcontractors must be Prequalified to bid on or perform work on any public construction project of more than >500K which is paid for in whole or in part with State funds
 - These projects do not include Public highways or bridge projects or any other construction project administered by the Department of Transportation.
- From the Program inception, Applicants are and were required to complete and submit their company's application and documentation online.
- What is required to apply?
 - Completed online application
 - Performance Evaluations (3 evaluations per classification requested)
 - Hard Copy Documents:
 - Company financials, Bonding Letter, DRS Status Letter, NCCI Worksheet, Safety Manual table of Contents & Applicable Initial Fee (\$600.00 - \$2500.00)
- Key Criteria Scored:
 - Integrity, Work Experience (Skills and Abilities), Experience and Qualifications of Supervisory Personnel, Financial Conditions & Safety



HEDCO, Inc. is a non-profit 501(C3) community economic development agency, providing financial and technical assistance geared specifically to the needs of small businesses and nonprofit organizations throughout Connecticut.

Contact Information

Kim Hawkins,
Vice President/COO

15 Lewis Street, Suite 204
Hartford, CT 06103
860-527-1301

- **Loans**
 - Term Loans
 - Line of Credit
- **Bonding**
 - Fund Management

- **OHSA 10 & 30 Hour Training**
- **Bid Preparation**
- **Plans & Specification**
- **Training Classes**
 - Blue Print Reading
 - Estimating
 - Scheduling
 - Certified Payroll
 - AIA Billing
- **Other Construction Related Services**

CT PTAP: Helping you Solve the Puzzle of Government Contracting



- Determine Suitability for Contracting
- Securing Necessary Registrations
- Socio-Economic Eligibility
- Researching Procurement Histories
- Identifying Bid Opportunities
- Proposal Preparations
- Federal, State, and Local
- One-On-One Counseling
- Capability Statements
- Bid-Matching





Andrea Comer | Executive Director | CBIA Education & Workforce Partnership
350 Church Street | Hartford, CT 06103 | 860.244.1946 | 860.462.4457 (c)
<mailto:andrea.comer@cbia.com> | cbia.com

CBIA is Connecticut's largest business organization, with thousands of member companies, small and large, representing a diverse range of industries from every part of the state. It is the leading voice for business at the State Capitol and before regulatory agencies, promoting policies that drive job creation, fiscally responsible state government, and a competitive business climate. In addition, its nonprofit arm, the Education & Workforce Partnership, works with member business organizations statewide to support the development of a skilled, knowledgeable workforce in Connecticut.

Questions and Answers





Networking & Support Services Access