

# Illinois Community CFO Conference

Impact of a  
Transportation,  
Distribution, & Logistics  
Facility in the Midwest

**Gilbane 150**



# Olive-Harvey College Transportation, Distribution, & Logistics Facility





# Introductions and Agenda

## Presenters:



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# Who are we?

- The mission of Olive-Harvey College (OHC) is to develop a diverse community of cultural and civic leaders and to advance progressive global citizenship through academic excellence, work-based learning, and comprehensive support services.
- OHC is one of seven City Colleges of Chicago
- OHC is located on the far South Side of Chicago and occupies three buildings
  - Main Building
  - Remote Site – South Chicago Learning Center
  - TDL Building – The Evolution Center

# Where are we?

- OHC is strategically located on the far South Side in close proximity to a variety of Chicago-area industrial and transportation corridors, making it an ideal location for its Transportation, Distribution, and Logistics (TDL) Center.
- Occupying 67 acres made the campus ideal for following career technical education training programs:
  - Aviation Maintenance
  - Automotive and Diesel Technology
  - Commercial Drivers' License A/B/C
  - Forklift Operator
  - Supply Chain Management & Logistician
- The College's philosophy is to prepare Chicagoans to take advantage of the employment opportunities available by ensuring they have the skills necessary to succeed in the global marketplace

# Erecting the TDL Center

- OHC is located along the industrial and transportation corridors
- Construction started in 2013
- This building is Leadership in Energy and Environmental Design (LEED)-certified facility is the first comprehensive TDL education center in Illinois, preparing students for careers in ground, air, rail transportation, multi-modal distribution, and logistics.
  - The facility recently achieved Gold certification
- Students have work-based learning opportunities at the Center that houses a Supply Chain Management and Operations facility featuring laboratories, workshops, classrooms, and virtual reality simulation facilities.



# Erecting the TDL Center

- The project was managed by Illinois Capital Development Board
- Gilbane served as construction manager, FGM as design team
- The project was funded by:
  - State of Illinois - \$30.6M
  - CCC - \$13.2M
- The new TDL facility opened fall 2019, and replaces the prefabricated temporary classroom space, which was located adjacent to the main campus.

# Service to the Community

- Building the TDL Center created 150 jobs, and approximately 20% of those jobs were prioritized for residents of the community. The Center is used for service events such as
  - Cooling and Warming shelter
  - Early Voting Poll location
  - Health Screenings workshops (flu shots, HIV and STI testing, blood pressure screening, free spinal analysis and referrals for discounted chiropractic care)
  - Housing Support workshops



# Aviation Tech Apprenticeship Potential Careers

## Aircraft and Avionics Equipment Mechanics and Technicians

- Aircraft and avionics equipment mechanics and technicians repair and perform scheduled maintenance on aircraft.. Aircraft and avionics equipment mechanics and technicians work in hangars, in repair stations, or on airfields. The environment can be loud because of aircraft engines and equipment.

- 2018 Median Pay\*
  - \$63,060 per year/ \$30.32 per hour

## HVAC Service Technician

- Heating, Ventilation and Air Conditioning (HVAC) technicians install, maintain and repair indoor air quality systems, such as air conditioners. This may include performing warranty services and emergency repairs. This may also include assisting with customers' queries.

- 2018 Median Pay\*
  - \$50, 400 per year/ \$25.20 per hour

## Aviation Tech Apprentice

- AT Apprentices assist Maintenance Technicians and Lead Maintenance Technicians with inspection, adjustment, cleaning, replacement. Must possess basic electrical, mechanical, Strong mechanical aptitude practices in maintenance and repair of mechanical and/or electrical components.

- 2018 Median Pay\*
  - \$30,000 per year/ \$15.00 per hour

# Automotive Technology Potential Careers

## Automotive Service Technicians and Mechanics

- Automotive service technicians and mechanics, often called service technicians or service techs, inspect, maintain, and repair cars and light trucks. Most automotive service technicians and mechanics work in well-ventilated and well-lit repair shops.

### • 2018 Median Pay\*

- \$40,710 per year/ \$19.57 per hour

## Mobile Service Technician and Mechanics

Mobile Service Technicians and Mechanics access, issues replace hydraulic hoses and other fluid related products on customer equipment at the customer's site. Each technician has an assigned territory where they build and maintain customer relationships. This includes determining the cause of leaks, replacing hoses, visiting the customer's shop to determine their needs

### 2018 Median Pay\*

- \$55,707 per year/ \$27.85 per hour

## Electric Automotive Technician

- Technicians are mobile, traveling daily to different job sites in a company provided vehicle. They service and install GPS fleet tracking equipment and peripherals into various types of fleet vehicles including cars, vans, trucks, semis, construction equipment, etc. Technicians report details of each service and/or installation back to our Home Office and/or directly to customers through telephone calls and/or web based portals.

### • 2018 Median Pay\*

- \$35,000 per year/ \$16.83 per hour

# Commercial Drivers' License Potential Careers

## CDL A Company Driver:

Transports finished goods and raw materials over land to and from manufacturing plants or retail and distribution centers.

Inspects vehicles for mechanical items and safety issues and perform preventative maintenance. Plans routes and meet delivery schedules.

2018 Median Pay\*

- \$43,680 per year/ \$21.00 per hour

## CDL B Company Driver:

Operate a commercial motor and delivery transactions, reporting any discrepancies to the Dispatcher

Communicate information regarding donation volume, quality or changes in truck route, and unnecessary waiting times to the dispatcher.

Maintain cleanliness of assigned motor vehicles; ensure that all pre-trip and post-trip vehicle maintenance and safety checklists are completed daily.

2018 Median Pay\*

- \$30,500 per year/ \$14.66 per hour



# Diesel Technology Potential Careers

## Diesel Service Technician & Mechanic

- Diesel service technicians (also known as *diesel technicians*) and mechanics inspect, repair, and overhaul buses and trucks, or maintain and repair any type of diesel engine.
- Diesel service technicians and mechanics usually work in well-ventilated and sometimes noisy repair shops. They occasionally repair vehicles on roadsides or at worksites.
- 2018 Median Pay\*
  - \$47,350 per year / \$22.76 per hour

# Forklift Operator Potential Careers

## Material Moving Machine Operator:

- Brings supplies to the packaging line and operates forklift. Unloads and loads trucks with incoming and outgoing materials. Moves and stores a variety of materials, parts or products. Checks incoming materials and reports shortages or damaged materials. Transfers materials between departments, using a hand or power truck. Fills orders from storage areas and delivers to designated departments. Stacks pallets and arranges materials as directed and adheres to safety guidelines in performing such work.

### 2018 Median Pay\*

- \$35,850 per year/17.24 per hour

## Industrial Truck and Tractor Operators

Operate industrial trucks or tractors equipped to move materials around a warehouse, storage yard, factory, construction site, or similar location.

### 2018 Median Pay\*

- \$34,750 per year/ \$16.71 per hour

# Supply Chain Management & Logistics

## Potential Careers

### Shipping Clerk

- Material recording clerks track product information in order to keep businesses and supply chains on schedule. Fill orders for Truck, Parcel, and Ocean & Air Shipments. Stock organization, product labeling for label on demand items, load trucks
- 2018 Median Pay\*
  - \$31,200 per year/ \$15.00 per hour

### Supply Chain Coordinator

- Supply chain coordinators also work directly with buyers and upper management, as well as customer service, inventory control, finance, and production staff. Additionally, they communicate with outside suppliers and customers.
- 2018 Median Pay\*
  - \$35,109 per year/ \$16.88 per hour

### Logistician (Warehouse Mgr., Logistics Management Specialist)

- Analyze and coordinate the logistical functions of a firm or organization. Responsible for the entire life cycle of a product, including acquisition, distribution, internal allocation, delivery, and final disposal of resources.
- 2018 Median Pay\*
  - \$74,600 per year/ \$35.86 per hour

### Material Moving Machine Operators

- Material recording clerks track product information in order to keep businesses and supply chains on schedule. Fill orders for Truck, Parcel, and Ocean & Air Shipments. Stock organization, product labeling for label on demand items, load trucks
- 2018 Median Pay\*
  - \$35,850 per year/ \$17.24 per hour



# Industry Partners

- Increased Continuing Education (CE) courses offerings to meet industry needs in the following:
  - Aviation technology
  - Commercial driver's license
  - Taxi licensing
- Established new curriculum and industry partnerships will the following organizations:
  - Association of Supply Chain Management (ASCM)
  - Chicago Transit Authority (CTA)
  - Gilbane Building Company
  - Mechanics' Union Local 701

# Current and Emerging Projects

- Increased enrollment pipeline for students through Chicago State University to create a (2+2) articulation with Supply Chain Management and Logistics and Diesel Technology (2+2) with CVCA to offer Diesel Technology for Spring 2020 and Summer 2020
- Increased Continuing Education enrollment due to switch of Taxi/Limo courses to CE, as well as creative course offerings to garner community interest; including Aviation, Wellness Seminars and Automotive certifications.
- Imbedded automotive/diesel certifications through NC3 (National Coalition of Certification Centers) and provide access to supply chain certifications through Association of Supply Chain Management (ASCM).

# Current and Emerging Projects

- Administered inaugural Automotive and Diesel Technology classes fall 2019 with Master Automotive Service Excellence (ASE) Technicians and imbedded NC3/Snap-On Certifications that align to industry standard training and enhance student marketing potential.
- Spearheaded partnership with ASCM (Association of Supply Chain Management) to provide industry recognized certifications in CPIM and CLTD. These certifications will increase awareness of supply chain and the ability for individuals in the industry to skill-up.
- Unified partnership with ComEd Construct program to introduce participants to Commercial Driver's License (CDL) permit workshop. The Permit workshop will enhance ability of participants to increase access to earning a CDL Class A license.
- Spearheaded partnership with Chicago Cred to provide access to career skills and training to promote marketability of participants in the TDL industry.
- Recently awarded \$100,000 grant from the Chicago Community Trust to support a Women in Diesel program



# Gilbane Building Company | Midwest

Over **75%** of our work is from repeat clients



**Gilbane**

**41+ Years**

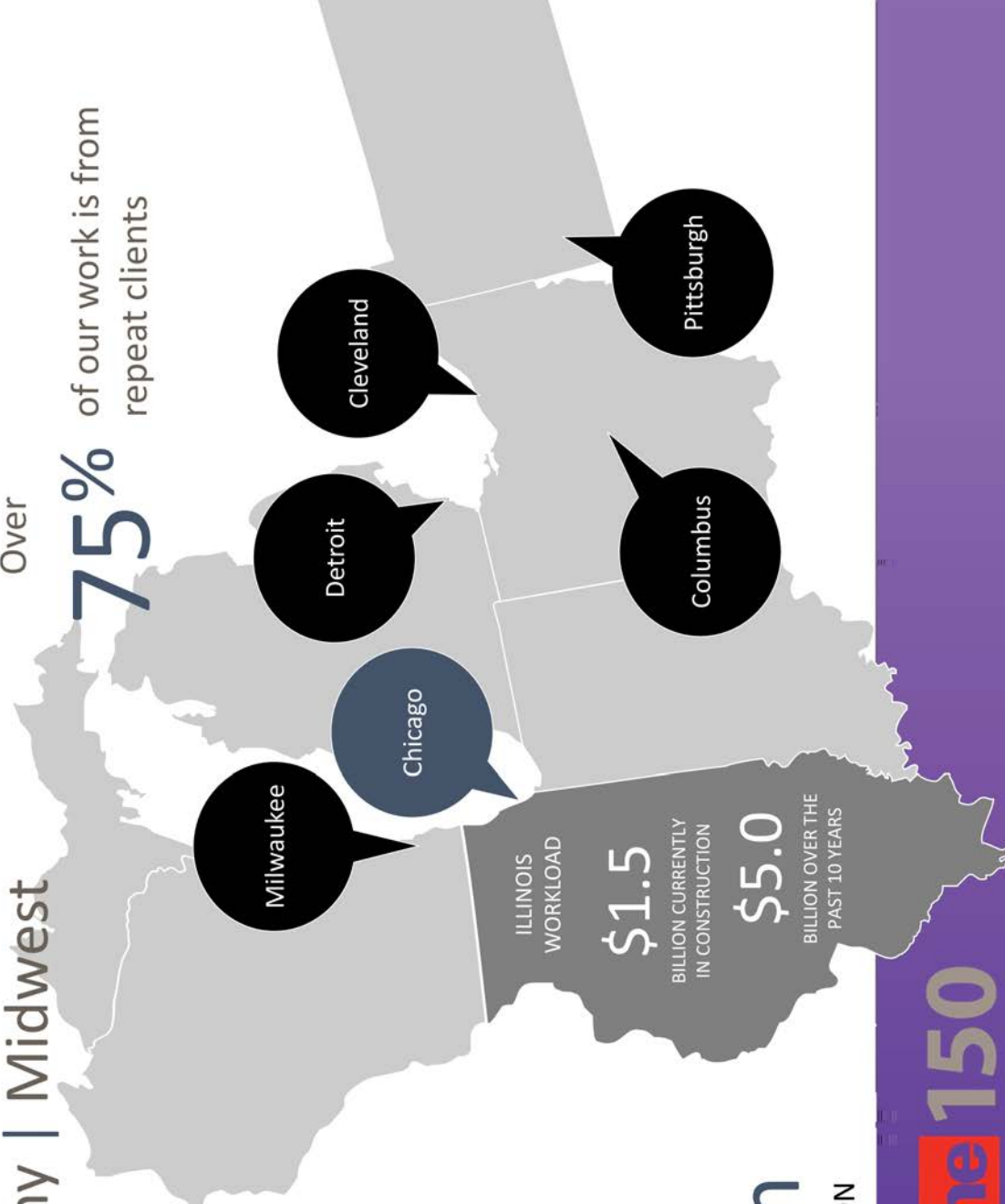
IN THE MIDWEST

**380+**

EMPLOYEES

**\$4.9 Billion**

CURRENTLY IN CONSTRUCTION



CITY COLLEGES OF CHICAGO

Olive-Harvey

**Gilbane 150**

# Higher Education Expertise

Nationally, Gilbane's  
10-Year Project  
Experience includes

320

Projects

\$7.6 Billion

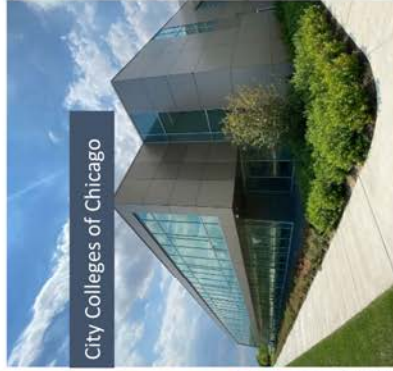
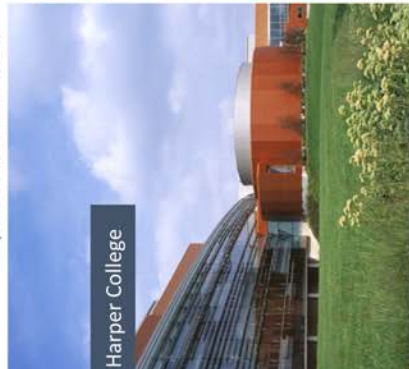
22.6

Million SF

#2

Educational  
Facilities

by *Engineering News-Record*  
(ENR) 2020



## Facility Types

- |                                         |                                               |
|-----------------------------------------|-----------------------------------------------|
| Technology and Automation Facilities    | Science Research and Teaching Facilities      |
| Manufacturing and Systems Engineering   | Sports/Recreation and Wellness Centers        |
| Academic/Technology-rich Classrooms     | Student Life Facilities                       |
| Libraries and Learning Research Centers | Student Unions                                |
| Multidisciplinary                       | Telecommunications/Broadcast Facilities       |
| Medical Research                        | Visual, Performing, and Cultural Arts Centers |
| Professional Studies Facilities         |                                               |



CITY COLLEGES of CHICAGO  
Olive-Harvey

Gilbane 150



# Olive-Harvey College – New TDL Facility



- Features:
  - High-tech central store warehouse environment that will act as a supply chain hub to efficiently provide office supplies to City Colleges diesel and automotive engine and vehicle laboratories
  - simulated driving facilities
  - engine testing cell (with dynamometer)
  - classrooms
  - student testing center



# City Colleges of Chicago & Gilbane – Partnerships Beyond Buildings

“The Construction Management classes without a doubt provided me with a foundation to be able to step in on day one and be able to work with the team at Gilbane. I haven’t felt overwhelmed because I had those classes to prepare me.

He is grateful for all he has learned in the Construction Management Program at Kennedy-King College, where he earns his associate degree in the fall of 2020, and grateful for the job he has at Gilbane, where he is currently working on two different job sites.

“I hope I can grow here, become an impactful employee, and be with the company for a very long time,” he said.



CITY COLLEGES of CHICAGO

**Kennedy-King**  
Education that Works



# Questions & Answers

Please feel free to call or email with any questions or follow up information



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