# Quarterly Board Monitoring Report

## Facilities

June 2023

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## Introduction to Facilities

**DON KOCH**
Director of Facilities

### MAINTENANCE TEAM

**RONNIE RICE**
Maintenance Technician

**RANDY McNICHOLS**
Maintenance Assistant

**BLAKE CUMMINS**
Student/Summer Worker

### HVAC SPECIALIST

**MATTHEW STEINMETZ**
HVAC Technician

## Executive Summary for Facilities

The SCC Facilities Department is responsible for and in alignment with:

**Goal 4** Strengthening the Colleges Infrastructure in ways that promote student learning, completion and institutional sustainability

**Strategy D** Strengthening the linkage with the Capitol Improvement Process as it relates to improvement priorities

**Objective 8** Ensure facilities supports student learning, student success, and administrative needs.

**Strategy A** Align capital projects plan with the College's strategic plan

- Participating with the Facility Conditions Assessment (FCA)

# Quarterly Update: Completed Projects

## Compressors (2) Installed for Buildings H & I

The three existing York 150-ton air-cooled chillers serving Building H & I are nearing the end of their useful life. Of the three chillers, SCC is able to get one (sometimes two) to function properly in order to properly cool the spaces they serve. The three chillers were originally designed so that one was a redundant piece of equipment.

The proposed design would be based upon a new air-cooled chiller located in the same designated exterior space. If possible, it will reuse the existing concrete curb, electrical gear, wall penetrations and ancillary items. The bid was for two, 150-ton air-cooled chillers

The scope of professional services mentioned above was completed by Farnsworth Group for the below professional fees:

- Architecture $10,000
- Mechanical & Electrical Engineering $32,350
- Commissioning $2,000

The Board approved the lowest bid of $440,000 from Southern Illinois Piping Contractors who will use Carrier and Daikin products.

## Instructional Areas – Main Campus

The team has been busy in relocating instructional areas, including painting and new furniture.

## LED Light Project – Main Campus

Submission, and awarded IGEN (Illinois Green Economy Network) Grant of $95,000 for Lamp removal and replacement of T8 fluorescent bulbs, fixtures and replace with the installation of LED energy efficient lighting at Shawnee's main and Rustic Campus.

The Board approved at its December 2, 2022 meeting to lowest qualified bid from Burke Electric Company. The total cost will be received at the end of the install. Currently, Burke Electric is on Main Campus replacing each light fixture.

*This project is completed.*

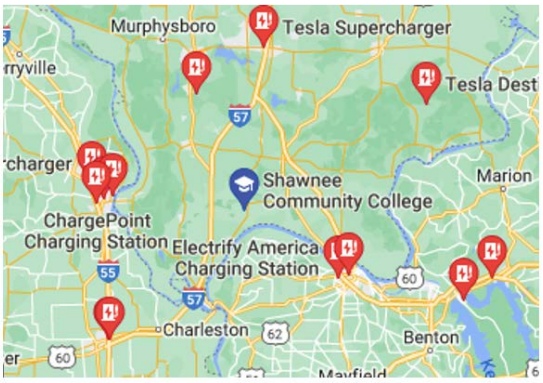
## Electric Charging Station – Main Campus

Submission, and awarded IGEN (Illinois Green Economy Network) Grant of $8,339 for costs associated with the installation of a dual-sided charging station.

Approximate cost for dual level 2 station base price would be $2,490, delivery at $150, software at $99 per year, additional charges for electrical work, signage and installation.

Below is a map noting the closest charging stations from Shawnee Community College. SCC, because of its economic standing will, have to encourage marketing for travelers from the interstate to utilize our services. This would bring notice to our college, and the surround businesses. SCC also plans on purchasing an electric vehicle for its fleet, which will also be used as a teaching reference for our automotive classes.

*Completion date is expected to be Summer 2023.*




Above are the closest charging stations to Shawnee Community College (Center of Map).

The charging stations to the left, are in our neighboring state Missouri. The stations located to the right are in our other neighboring state, Kentucky.

The closest charging station in Illinois would be: Tesla Supercharger in Marion IL, approximately 40 miles to our north. Or Tesla Destination Charger, again approximately 40 miles from the college. Or there is one in Herod, 60 miles from Shawnee Community College.

## Facility Conditions

The Board approved at its August 1, 2022 meeting, Gordian of Greenville, SC as our "Facility Condition Assessment Services"; some typical touchpoints, both external and internal would be employed during strategic capital planning to create alignment and coordinate work:

- Mobilization – a meeting to formally initiate the project.
- Status Reports – bi-monthly meetings, to provide status updates.
- Data Collection – SCC will provide firm with any pre-existing studies and/or data sets.
- Building Walk Throughs – As needed.
- Interviews – Interviews with specific system trade supervisors to confirm and verify information compiled during field inspections. The deficiency list, prioritization and costing information will be verified during these interviews.
- Data Qualification – Review assessment information to date in presentation format.
- Strategy Qualification Meeting – Discussion of historical and future funding availability, institutional priorities

- Preliminary Presentation – Approved firm will deliver a presentation to validate findings and identify questions with data collection and/or analysis.
- Final Presentation – To be given to leadership team, trustees, or any appropriate audience. Presentation will provide context of historical funding levels, detail how backlog came to exist, give a summary level overview of facilities needs highlighting key strategic issues, and summarization of firm recommendation for a facilities reinvestment plan that showcases the relationship between mission an available funding.

**June 15, 2023**

Gordian will be presenting the final results of the assessment to the Board of Trustees.

## Automotive Instructional Area

On April 20, 2023, the Board approved a bid from RP Coatings for installation of epoxy flooring and painting of the entire area. This project is slated for completion by the Fall term. The Team has been working on clearing out the facility and constructing additional storage areas.

## Future Projects / Wishlist Items:

- Renovation to the Union County Extension Center to include the addition of Occupational Therapy Assistant Instructional area.
- New concession stand and restroom facilities at the softball / baseball fields.
- *Received bids for 4 brand new fleet vehicles. Working with the Master Plan on obtaining.*
    - *From Bob Riding Fleet Sales in Taylorville, IL*
        - *2 Vans*
        - *Hybrid Sedan*
        - *Maintenance Truck*

  ***The vans and sedan are due to be delivered on June 7.***
- Sealing and patching and striping of the Cairo Center parking lot.
- Reroofing the Cairo Center.
    - It will have to be addressed within the next year or two.
- Need to upgrade the 2nd boiler for the Metro Center.
    - SCC replaced one last year (December 2021/January 2022).
- Upgrade the science labs will be included within the Master Plan upgrades.
    - This will include demolition of rooms, replacement with new electrical, plumbing, ventilation system, removal of potential asbestos.
    - Painting, flooring, wall-to- wall and everything in between.