

Quarterly Board Monitoring Report

Facilities

September 2022



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## Introduction to Facilities

### **DON KOCH**

Director of Facilities

### **MAINTENANCE TEAM**

#### **RONNIE RICE**

Maintenance Technician

#### **RANDY McNICHOLS**

Maintenance Assistant

### **HVAC SPECIALIST**

#### **MATTHEW STEINMETZ**

HVAC Technician

## Executive Summary for Facilities

The SCC Facilities Department is responsible for the following (and in alignment with **Goal 4, Objective 8, Strategy A** of the Strategic Plan: Strengthening the Colleges Infrastructure in ways that promote student learning, completion and institutional sustainability):

- Align capital projects plan with the College's strategic plan.
- Evaluate the possibility of conducting a Facility Conditions Assessment (FCA).



## Quarterly Update: Completed Projects

### **Metropolis Parking Lot**

Ribbon cutting on May 24<sup>th</sup>, expanding truck driving program by adding additional entrances and exits into the area of the parking lot used for the training range.



Added new drive lanes, modifying existing parking lot striping and modified existing parking lot lighting.

- Substantial completion was August 4, 2022.
- Final completion was August 18, 2022.

Base Bid – Existing westernmost landscaping islands within the parking area to remain, no work to be done. Existing light poles located in the westernmost landscaping islands to remain.

Alternate Bid: Demolish existing westernmost landscaping islands (4 total). Remove and salvage existing parking lot light poles and light fixtures (2 total), currently located within the demolished landscaping islands. Remove existing conductors and abandon conduit after cutting below the parking lot surface. Install new asphalt paving and subbase at locations of demolished landscaping islands. Install salvaged parking lot lighting assembly west of the western perimeter of the parking lot in the grassy area. Install new conduit and conductors as indicated on the drawings.

- Base Bid: \$145,925.87
- Alternate Bid: \$44,983.24
- Total: \$190,909.11



New entrance looking south. Water draining across existing parking lot.



## Ballfield Fence and Batting Cage

The batting cage building has been insulated and some pieces of metal have been replaced. The netting was installed that should help reduce the number of batted balls that can strike the walls of the building. The fencing for the baseball field has been installed. The fence for the softball field will be installed as soon as weather permits the work to be done.



## 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 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

## Office Moves, Painting and Classroom Updates

Nine offices were moved on January 31, 2022, prior to that six offices were moved. Additional offices moved afterward were U of I, SBDC and PR. IT Department and all of Maintenance was involved in these moves.

Classroom updates, replacement of TV's, computers and existing monitors, added additional touchscreen monitors, removed and replaced all cables. We had 11 rooms done, ten here and one at Anna, but over the summer SCC upgraded 17 more rooms. Of the 17, four have not had the TV's put up yet, but everything else is done. Metro had three rooms upgraded. Cairo will have one totally upgraded and one partially upgraded. Anna had 7 rooms upgraded. Also upgraded was a conference room at Anna.

Along with the traditional classrooms, our Educational Technology Administrator upgraded all the ITV rooms. Founders Room, River Room, Darci's, April's, Chris', and Dr. Taylors office and H1042 and TLC at the Main Campus, 111 at Anna, 106 and 117 at Metro underwent major upgrading. 122 at Metro was moved and received an upgrade as did Cairo 100, 101 and 122.

Vienna 303, 309 and 112 is having major upgrades, all basically completed except the added monitors, but they are on campus.

Installation of TV's alone, maybe 2 or 3 a day was a norm.

## Anna LED

Replaced all interior and exterior lights at the Anna Extension Center (not the parking lot lights). All lights were replaced with energy efficient LED bulbs.

- Project assigned to Ameren Illinois.
- Cost of total project, \$13,198.32 with the project incentive amount being \$6,466.32 and SCC's cost at \$6,732. This included all equipment and installation.
- Estimated annual electric dollars saved is \$2,672.99.



## Gymnasium Floor and Bleachers

Replacement of gymnasium floor and bleachers, renovation for ADA compliancy. Project also includes providing additional wiring and disconnect for single phase 120 volt power to home and visitor sites, and adding 4' x 8' media platform.

- Contract Amount - \$230,229



## Gymnasium Floor and Bleachers Approximate Timeline

Task Name	Duration	Start	Finish
<b>Milestones</b>	109 days	Tue 4/26/22	Fri 9/23/22
Contract executed	1 day	Tue 4/26/22	Tue 4/26/22
Notice to Proceed	1 day	Tue 4/26/22	Tue 4/26/22
Preconstruction Meeting	1 day	Thu 5/5/22	Thu 5/5/22
<b>Submittal Review</b>	40 days	Tue 4/26/22	Mon 6/20/22
Wood Flooring	25 days	Wed 4/27/22	Tue 5/31/22
Bleachers	67 days	Wed 4/27/22	Thu 7/28/22
Electrical	40 days	Wed 4/27/22	Tue 6/21/22
<b>Lead Times</b>	<b>114 days</b>	<b>Wed 6/1/22</b>	<b>Mon 11/7/22</b>
Wood Flooring	74 days	Wed 6/1/22	Mon 9/12/22
Bleachers	72 days	Fri 7/29/22	Mon 11/7/22
<b>Demo</b>	<b>17 days</b>	<b>Mon 8/22/22</b>	<b>Tue 9/13/22</b>
Remove Bleachers	7 days	Mon 8/22/22	Tue 8/30/22
Remove Gym Floor	8 days	Wed 8/31/22	Fri 9/9/22
Repair Subfloor	2 days	Mon 9/12/22	Tue 9/13/22
Repair walls after bleacher removal	2 days	Mon 9/12/22	Tue 9/13/22
<b>Install</b>	<b>65 days</b>	<b>Tue 9/6/22</b>	<b>Mon 12/5/22</b>
Electrical install	5 days	Tue 9/6/22	Mon 9/12/22
Wood Floor Install	20 days	Mon 9/12/22	Fri 10/7/22
Wood Floor Cure Time	20 days	Mon 10/10/22	Fri 11/4/22
Bleacher Install	20 days	Tue 11/8/22	Mon 12/5/22



## **Ballfield Road and Lighting**

The scope of SCC Ballfield Road and Lighting was provided by Farnsworth Group, with the following task order:

A gravel road begins at the south asphalt paved parking lot termination, loops southward toward the baseball and softball fields, then extends northward and connects to the asphalt paved lot near the truck driving school. SCC want to pave this gravel road and accommodate two-way traffic. A small access road will be extended from the new road to the existing paved old tennis courts. The old tennis courts will be utilized for ballfield parking. No additional pavement work will be need at the parking area. Additionally, the gravel area northeast and northwest of the batting cage will be paved to accommodate parking.

The road will be illuminated for general wayfinding and to provide some basic light. The lighting will not meet any standards or specific criterial for illumination standards.

## **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.

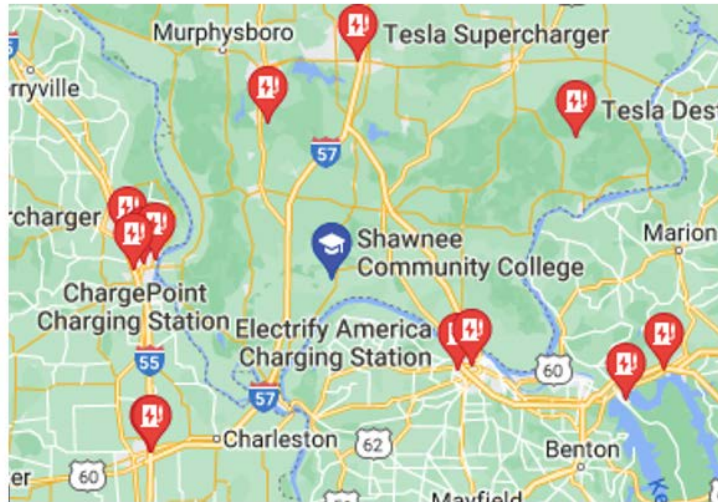
## **Electric Charging Station**

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.





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.

## River Room

The River Room is going under much need renovations. The display case, which was on loan, was returned, the captain's wheel was moved to the Cairo Extension Center. New coat of paint, sheetrock, electrical work, three TV's, and a new ceiling.

Work began immediately after the previous board meeting, completion is set for August 31, 2022 – just in time for the next board meeting.

## Facility Conditions

Once Board finalizes approval of a firm for our RFP "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.