



STENCO REPORT

FALL 2021

Stenco helped construct a new building for University of Michigan dance students. This building, on the north campus, is 24,000 square feet and includes four soundproof studios.



CONSTRUCTING A NEW UNIVERSITY OF MICHIGAN DANCE BUILDING

Stenco Construction worked with Kasco, Inc. to construct a 24,000 square foot University of Michigan Dance Building. This building, for which Stenco provided carpentry services, will provide additional creative space for the School of Music, Theatre and Dance program. It's outfitted with a 100-seat performance venue, four dance studios, locker rooms and administrative space.

Stenco self performed a variety of services to construct four soundproof studios complete with Sound Transmission Class-rated doors and hardware. One studio included cold-formed metal framing and a plywood stage to fit 100 performers. The team also installed 3,300 linear feet of 25-foot-high interior framing and 78,000 square feet of drywall, which is about the size of 1.5 football fields.

A unique aspect of this project is that sound transmission must be minimal to reduce the chances of loud music disrupting other classes and students. Stenco installed 19,000 square feet of wood and fabric acoustical panels in studios and high noise areas so that students and staff can concentrate without disruptions.

The building enclosure was designed to achieve LEED accreditation, which included a complex exterior wall system. This provided specific thermal breaks to alleviate heat/cooling loss.

Stenco also installed 18,000 square feet of exterior plywood sheathing and 1,700 linear feet of multi-tiered exterior plywood nailers on the top of the structure's walls to provide a curb for the roofing membrane to attach to and provide support for metal coping. Installation of 700 linear feet of exterior cold form metal framing for the entire structure, including the studio with the stage's needs, was also included in Stenco's scope.

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CONSTRUCTING A NEW UNIVERSITY OF MICHIGAN DANCE BUILDING CONT.

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The Stenco project team quickly adapted to the emergence of COVID-19 that brought an unexpected four-week shutdown in addition to extreme winds that further delayed the start of the project. Despite these challenges, the team was able to finish the University of Michigan Dance Building on time and with an excellent safety record across 9,000 manhours.

Right: The installation of 1,100 linear feet of green grit framing allowed the University of Michigan Dance Building to be LEED-certified, meaning it is energy efficient.

Below: Stenco installed 19,000 square feet of wood and fabric acoustical panels in studios and high noise areas to keep sound transmission to a minimum.



RENOVATING TOYOTA'S PRODUCTION ENGINEERING AND MANUFACTURING CENTER

Stenco managed the interior renovation of a portion of the 235,000 square foot Toyota Production Engineering and Manufacturing Center building (PEMC). The building was constructed in 2015 and sits on the border of the Toyota Motor Manufacturing Kentucky (TMMK) property in Georgetown, KY where it produces the Camry and Camry Hybrid, Avalon and Avalon Hybrid and Lexus ES 350. This facility is part of a larger effort, called "One Toyota", to create a more unified North American operation.

Stenco managed the renovation of roughly 3,000 square feet split between four project areas to create a new, interactive Quality Learning Center (QLC) for employees and visitors to learn about the history of Toyota. To create this new space, Stenco managed more than 10 subcontractors that completed a variety of projects, including installing 1,500 square feet of new framing and drywall, new carpet flooring, new lighting fixtures and electrical, acoustical ceiling installation, new data cable/wiring and ductwork/HVAC revisions.

The project team coordinated steel fabrication for mobile partition units, which are large stands on wheels to move around the space for interactive learning. The QLC walls are lined with special graphics and audiovisual units for hands on learning, which includes the history of Toyota vehicles and milestones. Some of the graphics are vinyl and adhered directly to the wall and some are directly mounted to a board with back lighting.

Employees and visitors can enjoy learning about Toyota's history with over 100 combined boards, audiovisual units and graphics at the QLC.

The Stenco team completed this project in an active environment, which involved the coordination of equipment and materials delivery to avoid disruption to Toyota employees working during normal office hours. Stenco worked closely with building management to schedule delivery entries through the shop/lab area at the back of the building and also utilized a hoist to get necessary items to the project area on the second floor. Stenco also proposed and completed work during a second shift to minimize impact to Toyota employees during office hours. Floor protection and proper pathways were established for construction personnel to further avoid disruption to Toyota employees. This project was finished on time and with an excellent safety record by the end of summer 2021.

The new and interactive Quality Learning Center comprises approximately 3,000 square feet, split between four areas of Toyota's Production Engineering and Manufacturing Center.



CONTINUING FURTHER VA MEDICAL CENTER RENOVATIONS

The work at Battle Creek's Veterans Affairs (VA) Medical Center has wrapped up and work is underway on another VA Medical Center with the same contractor, Northview Enterprises, Inc., this time in Marion, IN.

Stenco completed the Battle Creek, MI VA Medical Center renovations in the spring of 2021, which currently serves over 42,000 veterans from across southwestern Michigan. Stenco's scope of work on this project included demolition and renovation of the building's interior, including framing and building out the space's interior and installing gypsum board assemblies, ceiling systems, radius soffits, custom millwork, building accessories, doors, frames and hardware. The Stenco project team's strong attention to safety and detail came into play during this renovation as construction was completed around new bariatric patient lifts that were built into the structure of the rooms.

The new, 20,000 square foot VA Medical Center addition project in Indiana is complete with two floors and up to 25 exam rooms. This facility is unique in that its foundations are built specifically to support multi-floor additions. It is also a level three rated blast proof building, which means this building is a centralized point in the event of a disaster. This is Stenco's first time

constructing blast-proof walls, which included 8,000 square feet of security mesh boarded with a Dens Element Barrier System and 12 gauge studs with twice the size of normal flanges to make the walls more rigid.

Stenco's scope of work on the Marion addition's exterior also includes installing sheathing, roofing, nailers and specialty Armstrong linear metal works ceilings to improve the exterior's appearance. On the interior, Stenco installed metal studs, drywall, ceilings, doors/hardware and bathroom partitions. Stenco completed its portion of the project across nearly 8,000 manhours and with zero recordable incidents.

The 20,000 square foot Marion, IN addition is built to be a level three blast rated facility and is a centralized point in the event of a disaster.





The Battle Creek, MI Veterans Affairs Medical Center now serves 42,000 veterans from across southwestern Michigan.

Stenco worked around previously installed bariatric patient lifts at the Michigan facility, which required a strong attention to detail and safety.



COMPANY AWARDS



Engineering Society of Detroit Project of the Year Award – Ford’s VPEC

Stenco received the Engineering Society of Detroit Project of the Year Award for their work on Ford’s Vehicle Performance Electrification Center (VPEC), which is the most technologically advanced wind tunnel of its kind in the world. This award recognized the outstanding achievement and innovative use of technology on the part of the entire project team, including Stenco’s architect engineer partner Ghafari Associates.



2020 National AGC Safety Award

AGC awarded Stenco the 2020 National AGC Safety Award for their dedication to safety across all jobsites. This award gives recognition to contractors that had a zero total recordable incident safety rate across all jobsites in 2020.



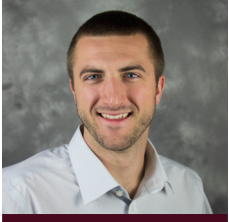
2021 Toyota Excellent Supplier Performance Award

This award recognizes Stenco from among thousands of Toyota Motor Manufacturing’s indirect North American suppliers, specifically highlighting Stenco’s work at Toyota’s West Virginia plant. Teams were able to meet an aggressive schedule despite the challenges the pandemic brought while achieving a minimal number of punch list items.

EMPLOYEE ACHIEVEMENTS

CONGRATULATIONS TO THE FOLLOWING TEAM MEMBERS ON THEIR RECENT PROMOTIONS

WELCOME TO THE TEAM!



Conner Finnigan
Senior Project Engineer



Kevin Inglis
Assistant Project Manager



Ryan Lewandowski
Senior Project Engineer



George Lucero
Assistant Project Manager



Nicole Sesko
Estimator

RECENT PROJECT AWARDS

Aristeo Construction
BASF R&D Phase 3 Architectural
MEP and Window Package

Wyandotte, MI

DTE Energy
Drainage Structure Replacements

River Rouge, MI

Huron School District
Huron High School Renovation

New Boston, MI

Overhead Conveyor
GM PPO South Campus Office General
Assembly Building Renovation

Warren, MI

Toyota Motor Manufacturing
UST Replacement Package

Ann Arbor, MI

Toyota Motor Manufacturing
East Dock Relocation

Huntsville, AL

Walbridge
GM 7000 Building Office Transformation

Warren, MI

Washtenaw Community College
Morris Lawrence Building Renovation

Ann Arbor, MI