



# Building Excellence

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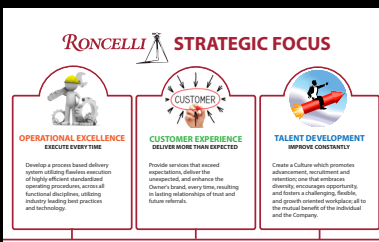
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# Making A Move



WCAA Administration Building

Planning for continued development and the expected growth in the coming years, the Wayne County Airport Authority (WCAA) sought to develop a new Administration Building S382 where management and administration teams could connect and collaborate to take the airport to new heights.

The WCAA employed Roncelli, Inc. as the construction manager and Ghafari Associates as the architect to construct and develop a new administration facility. Their current facility at the L.S. Smith Terminal, built in 1958, is comprised of a variety of hard walled spaces that minimize opportunity for both formal and informal interaction amongst staff and lacks the collaborative environments necessary to thrive in today's business world. The new state-of-the-art facility will be larger and consolidate WCAA's administrative departments, human resources, purchasing, finance, information technology, design & construction, maintenance and executive administration to become WCAA's headquarters.

This new nerve center is connected to the existing North Terminal Building, at the departure level, by an enclosed walkway bridge making it easily accessible to the public airport personnel.

The 85,636 square foot building is a steel framed 4-story, 62 feet high structure supported on shallow foundations. Site work included the demolition and rerouting of existing site utilities, pavement, site restoration and partial existing wall demolition at North Terminal.

The roof is jet fuel resistant single ply PVC. A fiberglass sandwich panel skylight is located above the glass railed monumental stair bringing natural light to the stairs and atrium space.

The project will be completed June 2017.

# Inside the Operations

Beaumont Hospital in Troy, Michigan implemented a multi-phase, multi-year program focused on improving efficiencies, operational flows and increasing/right sizing operating room's (ORs) to the current preoperative services, while remaining fully operational during construction.

As a result, Roncelli, Inc. was commissioned as the construction manager to begin an extensive renovation to the first floor OR and surgical department. This would include 19 new operating rooms, one new procedure room, a new 16 bay inpatient post anesthesia care unit (PACU), and the addition of four new PACU bays. The project also would include the construction of new OR staff locker rooms and lounges. This thoughtfully planned, 30-month, seven-phase project had to be carefully constructed in proximity, and often adjacent to, highly sensitive ongoing OR surgical operations.

Project challenges included the management of multiple, simultaneous phases of construction involving select demolition, renovations, temporary use and final use areas in an active hospital environment. Mechanical and electrical design were coordinated between the project's trade contractors, Roncelli, Beaumont and SmithGroup JJR.



One of nineteen new operating rooms at Beaumont Troy.

Sub-schedules played an important role in the project schedule. Due to the project having a multitude of staffing moves, the project team implemented the use of a "moving matrix" for each personnel relocation. The matrix identified each staff member by name and indicated when and where each person was moving. It also identified if the move was a temporary "hotel" type move, and if so, it would also indicate when the affected staff were moving to their permanent destination. The matrix served as a great communications tool in keeping hospital staff well informed, ultimately offering ownership and accountability to their role during the renovation process. Patient safety relies upon fully prepared hospital staff,

performing their duties with competence and precision.

The project was deemed highly successful utilizing an effective, modest design and a creative, phased construction schedule. Beaumont is very pleased with the performance of their new OR department, realizing a significant increase in surgical procedures while at the same time infection control and positive outcomes were improved. Construction was performed without a single lost time accident.

## NEW RESTAURANT TAKES SHAPE

Roncelli, Inc. renovated the former Stir Crazy restaurant at Great Lakes Crossing Outlets in Auburn Hills, MI and transformed it into an upscale Mex Cantina restaurant. The renovations included floor work, tile work, cabinetry, furniture and furnishings along with new paint. New kitchen equipment was installed and modifications were made to existing equipment. Unique lighting was mounted and hung to complete the new look of the restaurant. Exterior improvements included installation of a patio walkway extension and steel framing to support the patio's canopies, lighting, and heating. The interior is now bright with neon colors, eclectic furnishings, large lazy-susan style tables, booths, large flat screen TV's and hand painted murals. Roncelli



completed the project over a condensed four month construction schedule that included upgrades to the restaurant's electrical, HVAC, plumbing, and fire protection systems.

## AWARDING SAFETY

Roncelli, Inc. received a Safety Award from Amerisure Insurance Company for its outstanding safety performance. The award was received based on the past 9 years worked without a lost time accident during the time period of 2008 – 2017.

Stacy Orgram, Risk Management Specialist of Amerisure Insurance Company, presented the award to Roncelli's Corporate Safety Manager Bill Parker. "We are pleased to receive a Safety Award from Amerisure for our outstanding safety performance," said Parker, "Roncelli is dedicated to the safety of each and every employee. We are proud to collaborate with Valenti, Trobec, Chandler Insurance Group and Amerisure loss Control Consultants to implement various safety programs to ensure we're building a safer future."

Roncelli is committed to ensuring the safety and health of all individuals working on or near its projects by preventing the occurrence of incidents that lead to occupational injuries or illnesses. More importantly, Roncelli considers safety its most essential core value and understands the impact it has on both its client's and its own operations.



L to R: Bill Parker and Stacy Orgram.

# OSHA's Proposed Crystalline Silica Rule

*OSHA is proposing two standards to protect workers from exposure to respirable crystalline silica, one for construction, and the other for general industry, in order to allow employers to tailor solutions to the conditions in their workplaces.*

About 1.85 million workers are currently exposed to respirable crystalline silica in construction workplaces. Over 640,000 of these workers are estimated to be exposed to silica levels that exceed OSHA's proposed permissible exposure limit (PEL).

These exposures occur during common construction operations such as: Using masonry saws, using hand-operated grinders, tuckpointing, using jackhammers, using rotary hammers or drills, operating vehicle-mounted drilling rigs, milling, rock crushing, drywall finishing using silica-containing material, and use of heavy equipment during earthmoving.

The proposed rule is expected to save nearly 700 lives and prevent 1,600 new cases of silicosis per year once the full effects of the rule are realized. Of these, over 560 lives would be saved and about 1,080 cases of silicosis would be prevented among construction workers.

The proposed standard for construction includes provisions for employers to:

- Measure the amount of silica that workers are exposed to if it may be at or above an action level of 25 µg/m<sup>3</sup> (micrograms of silica per

cubic meter of air), averaged over an 8-hour day.

- Protect workers from respirable crystalline silica exposures above the PEL of 50 µg/m<sup>3</sup>, averaged over an 8-hour day.
- Limit workers' access to areas where they could be exposed above the PEL.
- Use dust controls to protect workers from silica exposures above the PEL.
- Provide respirators to workers when dust controls cannot limit exposures to the PEL.
- Offer medical exams-including chest X-rays and lung function tests-every three years for workers exposed above the PEL for 30 or more days per year.
- Train workers on work operations that result in silica exposure and ways to limit exposure.
- Keep records of workers' silica exposure and medical exams.

*This safety article is brought to you by: OSHA.gov Fact Sheet*

## MEET CAM'S NEW CHAIRMAN

The Construction Association of Michigan (CAM) inducted a new Chairman for 2017, John A. Raimondo, P.E., Director and International Business Unit leader at Roncelli, Inc. The ceremony took place during CAM's 131st annual meeting at Motor City Casino Hotel in Detroit on February 1st, 2017. "I am honored to serve as CAM's Chairman of the Board and look forward to continued success working closely with our Board, staff and

members to advance our initiatives in 2017."

Raimondo has over 30 years' experience in the architecture, engineering, and construction industry in various group and corporate leadership roles. He is also the Chairman of CAM's Government Affairs Committee working to shape Michigan legislation on behalf of its members and Michigan's construction industry.