

IN THIS ISSUE



GM Moving Fuel Cell Center

• 2 •



Roncelli's Big Win

• 3 •



People in the News

• 4 •

Smarter Surgery

The Detroit Medical Center at Harper University Hospital has completed its transformation of the Surgical Services Department, into a gleaming new high tech facility that will be unmatched for excellence in Michigan.



Hybrid Surgical Suite at DMC Hutzel University Hospital

The newly renovated and expanded DMC Surgical Center completed in October by Roncelli includes a new “flagship” Hybrid Surgical Suite and four new state-of-the-art operating rooms, along with completely updated support facilities, paperless electronic information systems, and several new comfort-orientated “family-style” privacy areas for patients undergoing both extended stay and same-day surgery. Also, Roncelli upgraded and enlarged the OR support areas, staff locker rooms, offices and material storage areas. This fourteen month, multi-phase project included Roncelli renovating several areas throughout the hospital including the relocation of an existing lower level laboratory that was adjacent to the surgery department along with other campus lab services into a new, large Central Lab Facility at Harper University Hospital.

This project involved managing multiple phases of construction simultaneously including select demolition, renovations,

temporary and final use areas in a busy hospital environment. Mechanical and electrical work were coordinated between the project’s design-assist trade contractors, Roncelli, DMC, and HKS Architects/Engineers.

“This is my third project with Roncelli and by far the best ever”

***Michael Seator, Administration Director
Surgical Services***

The relocation and new installation of large water lines, HVAC main duct lines, fire protection piping and large electrical raceways required extensive planning of segmented sections of above ceiling rework. Most of this was performed during non-operational hours and in micro-segments of performance in order to eliminate risks to patient care and the functions of adjoining hospital departments.

BATTERY LAB NEARLY TRIPLES IN SIZE

General Motors has nearly tripled the size of its Global Battery Systems Laboratory, cementing the lab's stature as the largest battery lab in North America owned and operated by a major auto manufacturer¹. The latest addition of 50,000 square feet brings to 85,000 the total square footage of the lab². The expansion made possible the increase in the number of pack-level test channels from 64 to 112 and cell-level test channels from 96 to 12³.

Roncelli was selected for all four (4) phases of expansion over the past five (5) years. The initial phase involved the relocation of the original Hybrid Battery Testing Labs then subsequent phases to enlarge the laboratory space.

The lab will also play a critical role in assuring GM's current generation



of electric vehicles maintains their battery leadership position. Teams will validate and test updates to existing chemistries and system

designs to make the most of performance and reduce cost. For example, updates were made to the battery system in 2013 Chevrolet Volt that added three miles of EV range⁴.

¹media.gm.com, ²ibid, ³ibid, ⁴ibid



Chevrolet Equinox

GM Moving Fuel Cell R & D Center

PONTIAC, MI. - General Motors selected Roncelli to relocate its Hydrogen Fuel Cell Lab operations from Honeoye Falls, NY, to its Global Powertrain Engineering facility in Pontiac, MI

Roncelli was selected to construct GM's Powertrain One Lab Phase II project in Pontiac Michigan in 2007, perhaps North America's most advanced R&D facility. Roncelli was then selected to relocate GM's Hydrogen Fuel Cell Research and Development operations from its Honeoye Falls, NY operations to the Pontiac facility. The project involved the decommissioning, packaging and shipping of sensitive equipment and included the reinstallation and commissioning into the Roncelli renovated space at the Pontiac facility. This included an ISO 8 clean room and hydrogen-based infrastructure systems.

Fuel Cells, which use hydrogen as a feed stock, force the gas into a device called a fuel cell stack to produce electricity which can then be used to power the vehicle's electric motor. Automakers hope at some point in the future that fuel cells will reduce the nation's dependence on petroleum.

GM is an acknowledged leader in fuel cell technology. According to Clean Energy Patent Growth Index, GM ranked No. 1 in total fuel cell patents filed between 2002 and 2012¹. The specially equipped 2007 Chevrolet Equinox was part of GM's 119-vehicle Project Driveway program, launched in 2007. To date, GM's fuel cell test fleet has accumulated nearly 3 million miles, more than any other automaker². By GM's calculations, the fleet has saved 157,894 gallons of gasoline – more than \$552,631 in avoided fuel cost³. GM is currently building a new Fuel Cell Development Laboratory in Pontiac, Mich., where the majority of the company's future fuel cell development work will take place⁴.

¹media.gm.com, ²ibid, ³ibid, ⁴ibid



Roncelli receives awards from NAWIC



L to R: John Raimondo, Mellissa Grammatico, Heather McClure, Nicole Bickers, Davida Gerrity and Dennis Bishop

LONGEVITY WITH INTEGRITY
Roncelli, Inc.

OUTSTANDING PROJECT
OF THE YEAR OVER 1 MILLION
Hybrid Surgical Suite at
DMC Harper University Hospital

OUTSTANDING PROJECT
OF THE YEAR UNDER 1 MILLION
Cellar 59 Wine Bar at the
Mall at Partridge Creek

AWARD WINNERS

Roncelli received honors from the National Association of Women In Construction (NAWIC) at Construction Industry Night on November 21st held at the MGM Grand Casino in Detroit, MI.

Roncelli received top awards for Outstanding Project of the Year - Over 1 Million for the DMC Hybrid Surgical Suite & OR Renovation project, Outstanding Project of the Year - Under 1 Million for Cellar 59 Wine Bar and the Longevity with Integrity award for Roncelli's foundation of trust, honesty, high ethical business standards, and

support of women in the construction industry.



It's Easy To Avoid Driving Drunk

On average, one in three people will be involved in a drunk driving crash in their lifetime.

More than 30 percent of all auto accident fatalities in the United States involve drivers impaired by alcohol. These accidents led to 11,773 deaths in 2008 alone. Most of those deaths could've been avoided if the drivers involved simply hadn't gotten behind the wheel while drunk.

Alcohol causes a number of impairments that lead to car accidents. Even at low blood-alcohol levels, intoxication reduces reaction time and coordination and lowers inhibitions, which can cause drivers to make foolish choices. At higher levels, alcohol causes blurred or double vision and even loss of consciousness. Drunk driving isn't just a terrible idea -- it's a crime. Getting caught behind the wheel with a blood-alcohol content

DECEMBER



IN DECEMBER,
AN AVERAGE OF
25 PEOPLE A DAY
DIE IN DRUNK
DRIVING CRASHES.

(BAC) of 0.08 or higher will probably earn you a trip to jail.

If you've been drinking, ask a sober friend for a ride or call a cab. If you're planning to drink, make sure you have a designated driver. The mild inconvenience of taking a cab home is nothing compared to the disastrous consequences of driving drunk.