

RAILWORKS® TODAY

*A monthly newsletter for employees of
RailWorks Corporation and its subsidiaries*



PNR RailWorks' Signals & Communications Division has installed a new centralized traffic control (CTC) system along the Guelph Subdivision in Southern Ontario. The project included 90 miles of new wayside signal equipment, setting the stage for safer, faster and more frequent service for lines like Via Rail. This Via Rail train is passing through Guelph at Yorkshire Road, where PNR RailWorks installed two of nearly 100 automatic warning devices.

Gearing Up on the Guelph Sub

The new traffic control provided by PNR RailWorks' Signals & Communications (S&C) Division along the Guelph Subdivision in Southern Ontario will mean safer and more efficient management of trains for the region's key freight and passenger lines.

PNR RailWorks served as general contractor on the project for the Goderich–Exeter Railway (GEXR), operator of the subdivision, which covers 90 miles between London and the Toronto suburb of Georgetown, ON. CN, Via Rail and Metrolinx, all of which own sections of the corridor, also will benefit from the improvements.

The S&C Division put a centralized traffic control (CTC) system into operation on the busy corridor, which previously lacked wayside controlled signals. Their work included supplying, wiring, installing, testing and commissioning 90 miles of new wayside controlled signals at 22 locations along with 73 constant warning grade crossing systems and 10 natural gas switch heaters at various locations. Besides bringing added safety, CTC is expected to advance the railroads' plans to expand service with faster and more frequent trains.

Continued to page 2

Gearing Up on the Guelph Sub *continued from page 1*

Project Manager Herb Mullings considers this one of the S&C Division's biggest construction jobs. "For the duration (20 months) and the number of locations, it was very unique," he says. "It was the first time where we were responsible for something of this scale."

Herb says that for such a large undertaking, the Division bolstered its testing and commissioning team. Prior to this job, "we relied on one or two key individuals for testing and commissioning. But because of the size of this job, and the number of locations we had to put into service at any one time, we were able to identify and train new individuals who could pick up on this quickly. We've widened and strengthened the potential commissioning team. Now we have at least eight to 10 people who are quite competent to do this moving forward. We're prepared with the people and capability to take on more projects of this magnitude."

PNR RailWorks' Track group worked in conjunction with the S&C Division to install the insulated joints that go hand in hand with the track circuits used in the signalling system. Track crews installed 142 insulated glued joints throughout the subdivision that will facilitate less wheel wear and maintenance, and quieter, smoother travel.

In the wake of change orders, PNR RailWorks endured the challenge

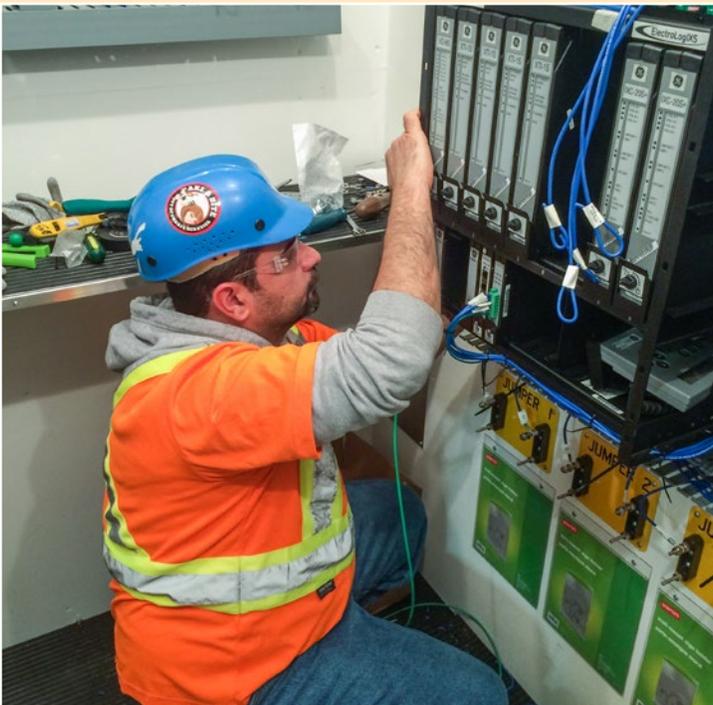
of working through a long and bitterly cold winter to ensure the project was completed on time. "Typically, we would shut down," Herb notes, "but because we were working through a time-critical schedule, we had to work through the winter."

Despite conditions that weren't ideal, crews came away without injury. "From the safety standpoint, we had no incidents. No major safety incidents at all. We were consistently praised by the owner for no incidents on a project that went on for the duration that it did. With some of the conditions we had to work in, this is a significant accomplishment for our employees."

Herb attributes the safety record to crews having followed protocol for multiple daily job briefings and having a thorough understanding of responsibilities. "It comes down to the job briefings conducted every morning and whenever the jobs changed. The crew did an excellent job with this. We were in charge of our own track protection on this project, so understanding the work was a key, and everyone had a very good understanding of their roles."

PNR RailWorks – along with GEXR as well as CN and Canadian Pacific Railway (CP), which have interchange points with GEXR – commissioned the complete system in November.

S&C Projects in Progress in Canada



While the PNR RailWorks Signals & Communications Division was wrapping up the CTC installation project for GEXR, it was deep into another project to build, test and ship 22 signal bungalows for Canadian Pacific (CP) Railway. Signalman Ali Al-Kalely wires an ElectrologIXS chassis in a signal bungalow for CP in preparation for future Division work on CP subdivisions in Ontario.

The S&C Division has a broad range of other projects in progress:

Union Station Rail Corridor (USRC): Project Manager Moheb Michael is leading this significant project – another signalling system upgrade in Ontario. Crews will be on the ground this spring to start the project, which involves replacing all signals, track circuits and cables, and installing new solid-state interlockings and control equipment. The job is expected to be complete in 2020.

Toronto-York Spadina Subway Extension (TYSSE). Under the leadership of Project Manager Troy Wreford, PNR RailWorks is working for the Toronto Transit Commission to install snake trays on the extension, which runs 5.3 miles between Toronto and York. Crews began the installation in December and continue putting in the trays, which will hold the cables for wiring signals through the subway tunnels.

Canadian Pacific Railway Bungalows. Crews embarked last summer on this project with new customer Canadian Pacific Railway (CP) to assemble, wire, test and ship signal bungalows. Project Manager Shawn Malott and his team have delivered 15 so far and in January received an order for seven additional bungalows. Those will be utilized on two upcoming PNR RailWorks jobs on the Galt and Windsor subdivisions.

RAILWORKSMART RAILWORKSAFE

RailWorks Companies Earn Top Safety Honors

The National Railroad Construction and Maintenance Association (NRC) recognized RailWorks companies for their exemplary safety performance January 8 at their 38th annual conference in San Diego, CA.

L.K. Comstock National Transit, PNR RailWorks, RailWorks Track Systems and RailWorks Track Services received platinum "Safe Contractor" awards, earning perfect scores in their respective categories.

The "Safe Contractor of the Year" safety contest awards NRC member contractors for exemplary safety performance and programs. It is sponsored by the NRC, Railway Track & Structures (RT&S) magazine and Commercial Insurance Associates.

Executive Vice President and Chief Safety Officer John Young said all



Members of RailWorks' management team display "Safe Contractor" plaques awarded for exemplary safety performance at the annual NRC conference in San Diego, CA. Representing RailWorks companies (l to r): Mike Holt, president, RailWorks Projects (representing L.K. Comstock National Transit); Al Schroeder, regional manager-Pacific Region, PNR RailWorks; Ed Kennedy, president, RailWorks Track Services; Bob Rolf, vice president and general manager-South Region, RailWorks Track Systems; Tammy Mathews, corporate director of safety, health and environmental.

employees should be proud of this exemplary industry achievement.

"These awards are an indicator that our safety performance is among the best in the industry," said John. "But, as we all know, we can't rest on our previous achievements. In 2016, we must continue to advance and improve safety. Our work in improving safety will never be done until we achieve zero accidents."

John cited training and planning as key ways we will improve our safety performance in 2016. "Zero accidents can only happen by planning our work, communicating the plan and working as a team, every day.

"To be successful in achieving zero accidents, we need every em-

ployee to be focused on safety every day. That's the only way we can protect our most valued resources, our employees."

Calendar Notes

RailWorks Recruiting Events

Feb. 4	University of Texas	Austin, TX
Feb. 9	University of Illinois	Urbana, IL
Feb. 16	Michigan Technological University	Houghton, MI

Safety Training

Feb. 8-12	RailWorks Track Services – St. Louis Area	St. Louis, MO
Feb. 9-10	PNR RailWorks – Signals & Communications Division	Guelph, ON
Feb. 11-12	PNR RailWorks – Pacific Region	Abbotsford, BC
Feb. 16-18	RailWorks Track Systems – Central Region	Lakeville, MN
Feb. 22-23	RailWorks Track Systems – Southeast Region	Salem, IL
Feb. 22-25	RailWorks Track Services – Chicago Area (partial group)	Minooka, IL
Feb. 22-26	RailWorks Track Services – Youngstown Area	Boardman, OH
Feb. 24-25	RailWorks Track Systems – Southeast Region	Lexington, NC
Feb. 29-March 2	RailWorks Track Services – Chicago Area (partial group)	Minooka, IL
Feb. 29-March 4	PNR RailWorks – Prairie Region	Calgary, AB

Industry Events

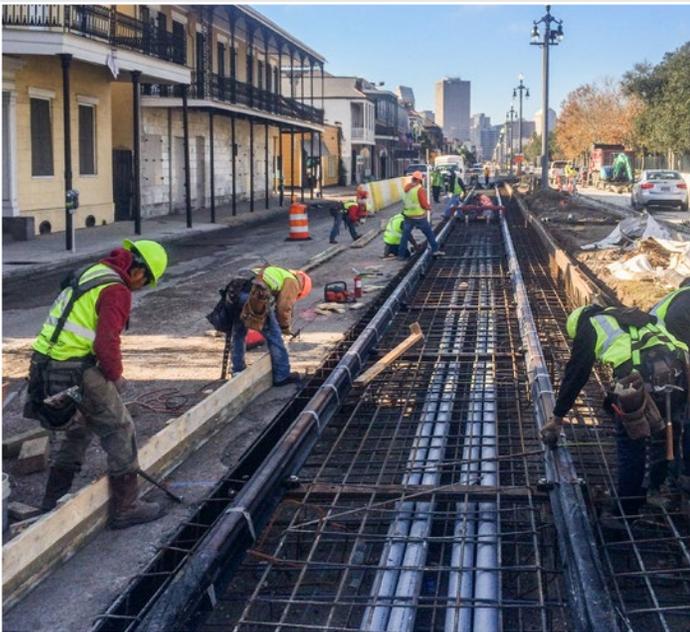
Feb. 27-March 1	Grain Elevator and Processing Supply (GEAPS) Expo	Austin, TX
-----------------	---	------------

News Across the Line

RailWorks Track Systems

RailWorks Track Systems is hard at work on the second phase of the New Orleans Streetcar project. The North Rampart Street/St. Claude Avenue streetcar expansion extends the streetcar track 1.6 miles between Canal Street and Elysian Fields Avenue in the French Quarter.

Crews are constructing the streetcar track in 250 track-foot sections that will be encased in concrete. At the beginning of the project, workers welded 80-foot sticks of rail into 640-foot lengths. This preparation enabled crews to maximize productivity during actual construction. In planning their work, they had to take into account a project restriction limiting no more than two consecutive intersections being closed at a given time.



A RailWorks Track Systems crew builds roadside forms for the New Orleans Streetcar expansion while performing quality checks on rail alignment, elevation, and neutral ground form installation. The following work day, this same crew will place and finish the concrete in this 250-foot section of track.

The finished streetcar track features embedded track slab comprised of two mats of rebar, which is being installed by RailWorks subcontractor J. Star Enterprises. The rail is supported by steel-leveling legs and includes electrical conduits and a rail boot to provide electrical insulation.

Under the direction of Project Manager **Loren Gallo**, Assistant Project Manager **Sean McCray** and Project Engineer **Matt Siggeman**, the project is scheduled to be completed in the third quarter of 2016.

See RailWorks and other contractors in action over 30 days last summer during installation of a half grand union. This time-lapse video shows the intricate assembly of track that connects the existing Canal, Loyola-UPT line and the next phase of the streetcar, the N. Rampart/St. Claude Avenue line: <http://bit.ly/1RBvDwB>

RailWorks Track Services

RailWorks has a couple of projects under way at the BNSF Logistics Park Chicago (LPC) intermodal facility in suburban Chicago, IL. On the Wide Span Crane project, RailWorks is installing 44,000 feet of track, 13 turnouts and 15,000 feet of crane rail. **Dan Gabrisko** is the project manager on the job, valued at around \$4.2 million, with **Rick Burkhardt** serving as general superintendent. RailWorks is a subcontractor to Orange Crush Construction. The anticipated project completion is November 2016.



A RailWorks Track Services crew cuts a #11 turnout into a loop track leading to the BNSF Logistic Park Chicago intermodal facility outside of Chicago. Workers that day endured intermittent snow and near-zero-Fahrenheit temperatures.

Off the Clock: Doug Wodhams



Some people leave work and look for escapes unrelated to their jobs. PNR RailWorks' Doug Wodhams is not one of those people. When the signal maintainer isn't keeping customers' trains running, he is maintaining his own extensive model railroad.

Read about what Doug and other employees are up to outside of work at www.railworks.com/off-the-clock.

Is your coworker a serious hobbyist, volunteer, craftsman, athlete or artist who's doing something interesting during time away from the job? Please tell us about their pursuits; send an email to railworkstoday@railworks.com.

