



**john burns**  
construction company



# THE UNDERGROUND

Newsletter

**2017**

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# JBCC Message

Since 1906, John Burns Construction Company has been a contractor committed to safety, quality, integrity, and customer service in every project built. Throughout our 111 year history, these commitments have allowed JBCC to grow our extensive customer base by anticipating our clients needs and providing timely, cost-effective solutions. While JBCC's customer base consists primarily of public sector clients, we are continually striving to expand our reach into the private sector and utility markets.

Our leadership team is committed to keeping JBCC an industry leader through continuous field and management staff training, and by leveraging our experience in the public market to new clients in the private and the utility markets. I am grateful to all our customers, vendors, and employees who have afforded us much success this past year and into the future!

Bill O'Malley, *President*



## Core Values of JBCC

Safety ♦ Quality ♦ Integrity ♦ Customer Service

# JBCC Spotlight

## Customer – AT&T

Location – Various locations in Northern Illinois

Contract Value – \$4,000,000 per year

Completion Date – Ongoing

- ◆ JBCC performs a variety of tasks including cable/duct supports, manhole reconstructions, duct bank construction and relocating, and directional boring.
- ◆ These projects take place throughout Northern Illinois and are part of AT&T's effort to upgrade and maintain the existing system, as well as build new infrastructure.
- ◆ JBCC also holds the AT&T emergency duct repair contract for the South Chicago region performing dig ups for cable and duct package repairs readily available 24 hours a day.



## Save the Date...

3rd Annual JBCC Sporting Clays Shoot at Max McGraw on June 8, 2018.

Please check out HYPERLINK "<http://www.jbcc.com>" [www.jbcc.com](http://www.jbcc.com) as we will be updating our website to provide information on the upcoming charity event.



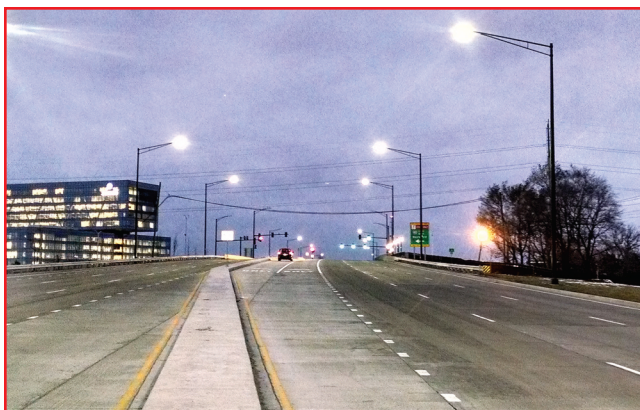
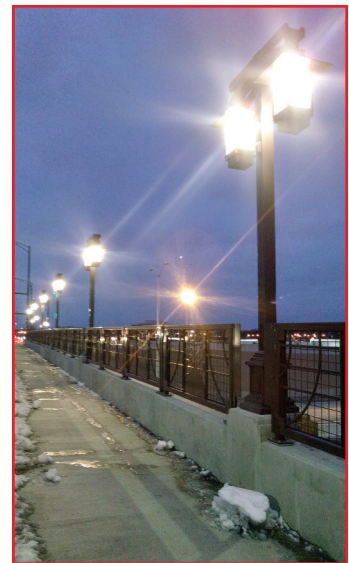
# Project Highlights

## Tollway Roadway Lighting and ITS Work

JBCC completed the installation of a Ramp Toll Plaza for the Illinois Tollway located at Roselle Road in Schaumburg, IL. This included setting a prefabricated control building, complete inside wiring of all electrical and communication systems and installing the Violation Enforcement System (VES) washer for the Toll Plaza cameras.



Hundreds of feet of conduit were installed into ITS (Intelligent Transportation System) cabinets and buildings which are responsible for communicating traffic patterns, maintaining the newly installed LED lighting, and informational signs along I-90.



JBCC installed over 400 light poles with LED fixtures on Interstate 90 this past summer between Hoffman Estates to Rosemont, which totaled over 20 miles! In addition to the lights on I-90, JBCC installed new LED lights on the Meacham Road Bridge over I-90. This included new decorative light poles to improve bridge aesthetics and pedestrian friendly walkways over the Interstate.



# *A Century of Building Excellence*

## **Wolf Point Intersection Improvements Project**

JBCC worked on the new Wolf Point West Project in River North, Chicago. Work included upgrading 9 traffic signal systems at the busiest traffic signal intersections within the Central Business District of the City of Chicago: Orleans & Hubbard St., Kinzie & Wells St., Wells & Merchandise Mart Dr., Wacker Dr. & Lake St., Wacker Dr. & Wells St., Hubbard St. & Wells St., Wacker Dr. & Orleans (Franklin) St., Orleans St. / Merchandise Mart Dr. / Wolf Point Dr., Lake St. / Canal St. / Milwaukee Ave.

JBCC work included the installation of new traffic signal poles, controller, countdown pedestrian signal heads, vehicle detection cameras, sidewalk, asphalt, and pavement markings. JBCC also installed conduit, electrical cable, and a brand new traffic intersection at Kinzie & Kingsbury.



The project was completed during off-peak time and nighttime hours in order to reduce overall impact on the travelling public.





# Project Highlights

## Lakefront Flyover – CDOT Lighting

John Burns Construction Company is scheduled to complete the installation of 905 LED light fixtures on the Lakefront Flyover Pedestrian Bridge, as well as traffic signal and underpass lighting modifications in September of 2017. This bridge will eventually connect the Lakefront Trail from the south end to the north end near Ohio Street Beach. JBCC was closely involved in several mock ups that took place to ensure the construction and layout of the light fixtures conformed to the design and vision proposed by the architect.



When completed, this path will provide a safer walking and biking route along the Lakefront Trail near Navy Pier, which is one of the most heavily used portions of the 18.5 mile trail system.



# A Century of Building Excellence

## UPRR High Speed Rail Fiber Install

JBCC performed directional boring of over 200,000 feet (>37 miles) of HDPE duct for fiber optic installation between Bloomington and Joliet.

Project highlights included underground boring and conduit installation along the Union Pacific Railroad Right of Way from Bloomington to Joliet. JBCC's scope of work included installing conduit, tying conduit into all Union Pacific control huts, and the installation of handholes and vaults. Directional boring included many bores underneath the tracks as well as waterways along the route. JBCC employees used their extensive experience and knowledge to successfully complete underground boring installation parallel to existing high profile ComEd, Level 3 Communications, Sprint, AT&T, water lines, and gas lines.

Over 300 hand holes, vaults, and tie-ins to 115 UPRR signal huts were completed.



### JBCC Vision

JBCC will be regarded as the safest and highest quality contractor as rated by our customers, vendors, and employees in all the services we provide.

### JBCC Mission

Since 1906, a contractor committed to safety, quality, integrity and customer service in every project built!

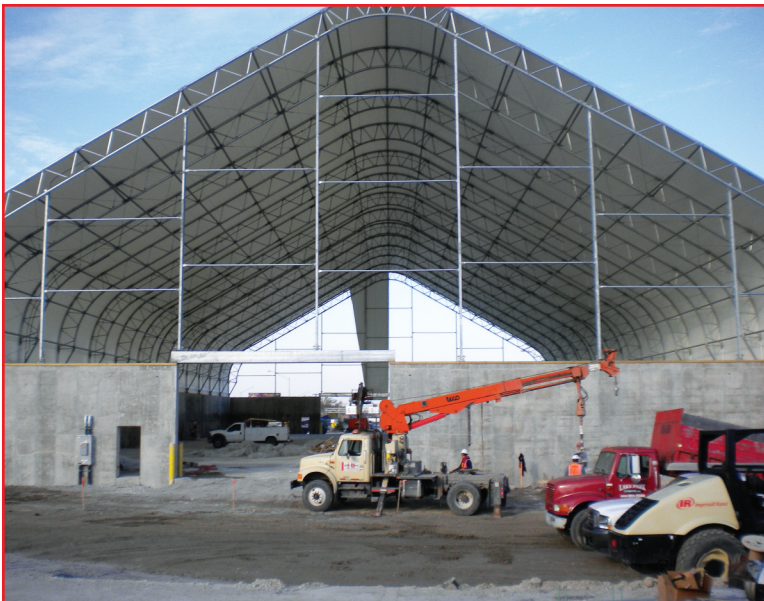


# Project Highlights

## ISTHA Salt Barn Replacement (M-6) & Salt Dome Repairs (M-4, M-5 & M-8)

JBCC provided general contracting services for the Illinois State Toll Highway Authority Salt Barn Replacement (M-6) & Salt Dome Repairs (M-4, M-5 & M-8) project. JBCC replaced the existing salt dome at the M-6 maintenance yard in Hampshire, IL with a 45' tall 13,000 SF pre-engineered wood truss salt barn. This salt barn can hold more salt than the existing domes and provides ISTHA with a more efficient facility. In addition to the salt barn replacement at the M-6 maintenance yard, three existing deteriorating salt domes (M-4, M-5 & M-8) were repaired.

In addition to the pre-engineered wood truss and roofing construction, the project highlights at the M-6 maintenance yard include the demolition of an existing salt storage shed, a 115' diameter salt dome, existing site drainage lines, asphalt pavement, fencing and curbs. The site work to accommodate the construction of the new salt barn at M-6 consisted of the installation of a new drainage system and a detention pond. The cast-in-place concrete foundation of the new salt barn was constructed as part of this project and consisted of a 12' wide shallow-spread footing along with 12' high concrete walls. Additionally, six (6) 9' tall 12'x16' cast-in-place concrete material storage bins were constructed. The newly constructed salt barn was furnished with motion sensor LED light fixtures. The site work and the new salt barn at M-6 were constructed in under 4 months.



The salt dome repair scope of work for this project at M-4, M-5 & M-8 consisted of the removal and replacement of the existing asphalt shingle roofs, metal flashings & gutters, and the structural carpentry that was deteriorating. The existing interior and exterior light fixtures were removed and replaced with motion sensor LED light fixtures. The repair of these existing domes took place without shutting down ISTHA salt operations at any point.



# A Century of Building Excellence

## IDOT 60W75 High Mast Tower Replacement

JBCC replaced the entire roadway lighting system for the Illinois Department of Transportation at the US-55 and IL-171 interchange in Summit, IL. JBCC removed forty-three high mast light towers, forty-eight light poles, installed 34,000 LF of HDPE duct with cable, and pulled 30,000 LF of cable in conduit. JBCC erected thirty-nine high mast light towers totaling 206 new 400W fixtures. The new towers replaced 130 existing 750W fixtures, providing a more robust lighting distribution for the renovated interchange. JBCC stood thirty-nine new street light poles on south-bound IL-171. Lastly, JBCC replaced fifteen swivel navigation lights over the Chicago Sanitary & Ship Canal improving serviceability and reliability for the barges.



## Team Building



JBCC expanded our team building events with a New Hire and Intern Outing at Chicago Helicopter Experience. We pride ourselves on creating an environment that keeps our employees engaged and excited. Our beliefs and strong desire to build relationships with our employees led to JBCC's selection as one of the "Top Workplaces 2016 - Chicago" by the Chicago Tribune.



# JBCC Safety

## Safety Theme & Goals

The 2017 John Burns Construction Company's safety theme is "Safety is not an addition to what we do, it's what we do." The construction industry can be very dangerous and the U.S. Department of Labor reports that over one million construction workers are injured in the workplace every year. Unsafe behavior is the determining factor in almost 90% of all accidents. This statistic shows that we do have a great deal of control when it comes to preventing accidents. At JBCC, safety is a personal commitment that we each make to ourselves, teammates, and families every day. Choose to work the right way, avoid short cuts and remember you should never have to tolerate unsafe job site conditions.

At JBCC we approach our safety goal as a total team effort. Planning and communication across our company is what makes our Safety Program successful. Our safety planning begins for each project during our pre-construction meetings. At this stage of project planning we determine the biggest hazards associated with the job and determine the equipment needed to safely accomplish the work. Next, JBCC's Labor Leaders assign a team to the project that is experienced and trained in the hazards associated with the job tasks. Finally, JBCC Field Foremen are responsible for holding Daily Job Briefs prior to beginning work each day, making sure to address the potential dangers they are facing and communicating their plan to work safely to the rest of the crew.

Increasing our safety knowledge through training is the key to making Zero Accidents a reality. In 2017, we will continue to pursue new avenues to improve our Safety Program and be a leader in the industry while pursuing our goal of zero accidents.





# Philanthropy

## Clay Tournament



JBCC hosted our 2nd Annual Sporting Clay Tournament benefiting the *Convoy of Hope*, *Out of the Darkness* and *From Tragedy to Triumph*. The JBCC Team was joined by 21 sponsors and 150 participants at the Max McGraw Wildlife Foundation on Friday, June 9th, 2017 to aid in the cause of

these great charity organizations. *Convoy of Hope* is an organization that provides assistance to millions of people throughout the world by sharing food, water, emergency supplies, agricultural know-how, and opportunities to empower people. The mission of *Out of the Darkness* is to save lives and bring hope to those affected by suicide. *From Tragedy to Triumph's* goal is to help young burn survivors achieve a social confidence and meet their educational goals. Thank you to those who supported our team! We look forward to sponsoring this worthy event again on Friday, June 8th, 2018.

## Convoy of Hope

JBCC employees and families participated in the annual Convoy of Hope at Marquette Park to support underprivileged in our community by sharing food, water, shoes, and emergency supplies.





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