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THE UNDERGROUND

Newsletter

2014

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JBCC Commitment

A Century of Building Excellence

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John Burns Construction Company (JBCC) has made a COMMITMENT to its team members, vendors, and customers to strive towards continuous improvement in all areas of the business. Our commitment is driven by our cultural and behavioral attitudes that are defined in our ethics and mission statement.

Mission Statement

Since 1906, a contractor committed to **SAFETY, QUALITY, INTEGRITY** and **CUSTOMER SERVICE** in every project built!

SAFETY

At JBCC, we understand the importance of **Commitment to Safety**. We analyze and assess the behavioral components to ensure that safety is the core value that all decisions are based upon.

QUALITY

Quality itself has been defined as fundamentally relational. At JBCC, our quality commitment is the ongoing process of building and sustaining relationships by assessing, anticipating and fulfilling stated and implied needs.

INTEGRITY

JBCC Team Members shall always act with integrity, lead with integrity and expect others to work with integrity.

CUSTOMER SERVICE

At JBCC, we treat every customer as if our world revolves around them, because it does!

Bill O'Malley - President



Fiber Optic Relocation - ISTHA

Owner - Illinois State Toll Highway Authority

Location - Jane Adams Tollway, I-90

Contract Value - \$6.5 million

Anticipated Completion Date - April 2014

- Project involved installation of more than 600 wood poles, along with 250,000 lineal feet of figure-eight conduit with fiber optic cable, used to relocate the existing fiber optic backbone of the Jane Adams Tollway.
- This work was performed in advance of the mainline highway work to relocate the fiber optic backbone from the existing underground duct system overhead. The overhead fiber optic system was chosen to help mitigate future conflicts with the roadway work.
- Project involved multiple crossings of the Jane Adams Expressway, both aerial and underground, as well as multiple crossing of local railroads, local roads and waterways.
- The project paralleled high pressure gas and water mains, which demanded a high level of coordination with the utilities, as well as several full-time safety engineers to ensure the utilities remained undisturbed.
- Multiple casing bores, up to 8-inches in diameter, were directionally bored to provide for additional protection and future expansion in key locations throughout the corridor.
- JBCC assisted in design of additional poles and system slack to allow for additional relocations due to anticipated conflicts with the roadway work.



General Contracting

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BUILDINGS & STRUCTURES

DuPage Childrens Advocacy and Neutral Exchange Center

Owner – DuPage County

Location – Winfield, IL

Contract Value - \$4,600,000

Completion Date – July 31, 2013

- Construction of a new 15,000 sf structural steel and metal stud building, including two new parking lots. The building was set into a forest area requiring significant site clearing and tree removal.
- This project includes various high-efficiency features and is designed to achieve a LEED Silver rating. These features include daylight harvesting systems, photovoltaic panels, automated window venting, sunscreens and light shelves. The entire building HVAC system is controlled by a single rooftop unit separated into three zones.
- Site work includes green screens around the building, approximately 12,000 sf of porous unit pavers, two separate 20 car parking lots, and a 600 foot long asphalt roadway.
- The building envelope is a mixture of rock-faced brick, a cement board siding rain screen system, and aluminum storefront. The building interior finishes are slate tile flooring, carpet tile, and painted drywall. Two large open office areas feature exposed ceilings with acoustical clouds and a sound masking system.
- This project has an overall duration of ten months, with the majority of the work occurring through the winter months.
- John Burns Construction self-performed all excavation and concrete work.



IDOT Dynamic Message Signs

Owner – Illinois Department of Transportation

Location – Bureau, LaSalle, and Kankakee County Illinois

Contract Value - \$2.3 million

Completion Date – April 2014

- Project goal was to install 9 fully programmable dynamic message signs equipped with CCTV cameras on I-39, I-80, and I-57 throughout central Illinois.
- Project consisted of 6 overhead sign structures spanning the highway, and 3 butterfly cantilever type signs.
- Each sign included 300 – 1,000 feet of guardrail installed on the edge of shoulder as crash hazard protection.
- The project included installation of 4 LCD TVs in IDOT District 3 headquarters, along with wireless communications to broadcast live video from each signs pole mounted CCTV camera to District 3 headquarters.
- All work, including sign burn in was completed in ~12 months.
- The newly installed DMS signs provide traffic updates and other informative messages to the motoring public.
- IDOT will be expanding its DMS program, in part due to the success of this project.



UTILITY WORK

High Mast Lighting – IDOT

Owner – Illinois Department of Transportation

Location – I-80 & US 30, New Lenox, IL

Contract Value - \$4.5 million

Completion Date – July 2013

- Project involved installation of 22 new 120-foot high mast lighting towers, with associated foundations and lighting conduit.
- This work was performed to replace existing high mast lighting at this interchange in advance of interchange reconstruction.
- The foundations for the high mast towers were 5-feet in diameter, drilled to depths exceeding 20-feet.
- The new light towers increased the lighting in a heavily traversed corridor and interchange, making the roadway safer for the motoring public.
- Nearly all excavation on the project was completed through rock, including drilling of the high mast tower foundations.



Metro Cicero Station

Owner – Metra

Location – Cicero, Illinois

Contract Value - \$4,144,000

Completion Date – April 31, 2014

- Remove and replace 1600' of asphalt & timber platform.
- Approximately 500' H-Pile and timber lagging earth retention between two live rails for demo and replacement of new concrete tunnel to street level.
- Construction of 250' structural steel canopy and head house at new concrete tunnel.
- Construction of new 700 square foot depot.
- Construction of approximately 42,000 square foot parking lot with all associated storm drainage, including an underground concrete storm water retention structure.
- Installation of new site-work; sidewalk, stairs, curb and gutter.
- Installation of new platform lighting, parking lot lighting, canopy and depot lighting.
- Installation of CCTV security system.
- JBCC self-performed all site work excavation, demo of existing concrete tunnel/ramp and platform, construction of new asphalt platform, construction of new depot and concrete ramp/tunnel.



WATER & WWTP

Wastewater Treatment Plant Sludge Storage Building

Owner – City of Elmhurst

Location – Elmhurst, IL

Contract Value - \$940,000

Completion Date – April 7, 2014

- Construction consists of drilled caissons (5' diameter x 40' deep), modifications of existing concrete sludge storage pad and a prefabricated metal building.
- The existing structure consists of a concrete slab 100 feet by 100 feet with 9 foot walls on three sides.
- Project included tree removal, saw-cutting and removal of sections of the existing 9' concrete walls, drill and pour caissons and footing, frame and pour sections of 9' walls with concrete piers/anchor bolts to receive new structure, erection of new structure, finish electric, and landscaping.
- John Burns Construction self-performed all excavation, demolition, concrete work and electrical.



Stormwater Pump Station Renovation

Owner – City of Calumet City

Location – Calumet City, IL

Contract Value - \$3,076,000

Expected Completion Date – April, 2014

- Demolition of existing concrete and masonry pump station structure; while protecting the existing electrical room and maintaining power to the existing pumps until the new electrical building could be set and powered up.
- Removal and replacement of 4 submersible pumps.
- Removal and replacement of mechanical bar screen and trash compactor.
- Installation of prefabricated 92,000 lb electrical building on drilled caissons and structural steel frame.
- Installation of underground pre-cast concrete discharge chamber.
- Installation of all associated mechanical and electrical.
- Frame and pour concrete slabs, roof decks, etc.
- Installation of all associated site work- PCC paving, asphalt drives, landscaping, etc.



JBCCO Employees Renew their Commitment to Safety

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As we begin the 2014 construction season each person working on a John Burns construction site will be faced with a greater challenge to successfully achieve a safe worksite. These challenges spring from; a booming industry, growing company, and an expanding work force some of whom are being introduced to construction for the first time. Alone any one of these aspects creates a greater need to enhance the safety efforts of a company. These aspects combined requires that each individual must be on top of their safety game at all times. The responsibility of safety must be each individual's primary focus during each task, and team members must also act as a guardian for one another.

Although we are faced with some new challenges, these challenges are a result of a very exciting time for John Burns' employees. As a team who is committed to the safety of ourselves, our workplace, and our peers; all of these heightened challenges can be conquered, and each individual can go home safely at the end of each shift.

What does an employee's commitment to safety look like?

Commitment as defined by Merriam-Webster Dictionary includes:

1. A promise to do or give something;
Safety Promise: To perform work tasks in a safe manner, stop-work when unsafe conditions are present and cannot be controlled; provide guidance to those working around you who require and will benefit from the support; and a promise to lead by example.
2. A promise to be loyal to someone or something;
Safety Promise: To be loyal to your co-workers/team members to identify hazards, safeguard against them, and communicate this knowledge to your peers; A promise to your family, friends, and loved ones that you will work with the proper precaution to be able to return to them.
3. The attitude of someone who works hard to do or support something
Safety Promise: Possess the attitude that the safety of yourself and others is your primary objective; with this attitude you will be regarded with great respect by all others.

This year all of John Burns' employees and subcontractors will be taking a pledge to signify their individual commitment to safety. This pledge is a promise from each individual to their families, friends, fellow crew members, supervisors, and co-workers that together we will genuinely make safety our first priority. We will take it to a more superior level because after all Safety is more than a priority, because priorities can change. At JBCC Safety is a core value that is possessed within each employee and the company's culture. This value can be observed through our behaviors, interactions, team work, and the messages that we relay to one another.

Safety as a core value requires the commitment of one's self to put human life above all other demands. Safety as a value must be personal and moral within everyone who works for the company.

Safety isn't just a policy that people read, a procedure that people follow, or protective clothing that people wear. Safety is something that people practice day-in and day-out, both at work and in their personal lives. Everyone is responsible for his/her own safety as well as everyone around them.

When safety is a shared core value, each member of the JBCC will benefit from an enhanced safety culture, see a reduction in injuries that affects the bottom line, and most importantly, save human lives and preserve the quality of those lives. You can't put a price tag on that.

Safety Award Recipients:

1. Frank Candella
2. Erik Larson
3. Daniel Verble
4. Jesse Gonzalez.



Charitable Organizations

Just as John Burns Construction Company makes a commitment to team members, vendors and customers to high levels of performance, the company also makes a strong commitment in support of many worthy charitable organizations in the greater Chicago area community.



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