

Semi-Annual Report

# CONDON-JOHNSON & ASSOCIATES, INC.



CENTRAL SUBWAY – SAN FRANCISCO, CA

2013 / First Half



Welcome to the first CJA semi-annual report. The goal is to have each member of the CJA family become familiar with CJA activities, new personnel, and announcements. Each region will highlight key projects and the people involved.

Enjoy the following issue.

## A BRIGHT FUTURE

It is an exciting time in the Construction Industry. After 3 years of recession it appears the economy is poised to rebound especially in construction on the West Coast. In all Districts the backlog is substantial with a mountain of work to bid. Over the last four years we have invested in equipment to prepare for a rebound and in 2013 completed acquisition of the following major items: Leffer 3.0 M rotator, Soilmec SR-30 drill rig, T-43 Berretta track drill, and a Bauer BG-40 drill rig. While we have a slight hangover pursuing and collecting claims on several projects most notably the CSX Railroad and Port of Long Beach, the future of the company looks extremely bright.

Welcome to all our new employees and I want to thank all of our hardworking staff for their efforts every day to complete safe, profitable projects for CJA.

**Jerry Condon**  
President

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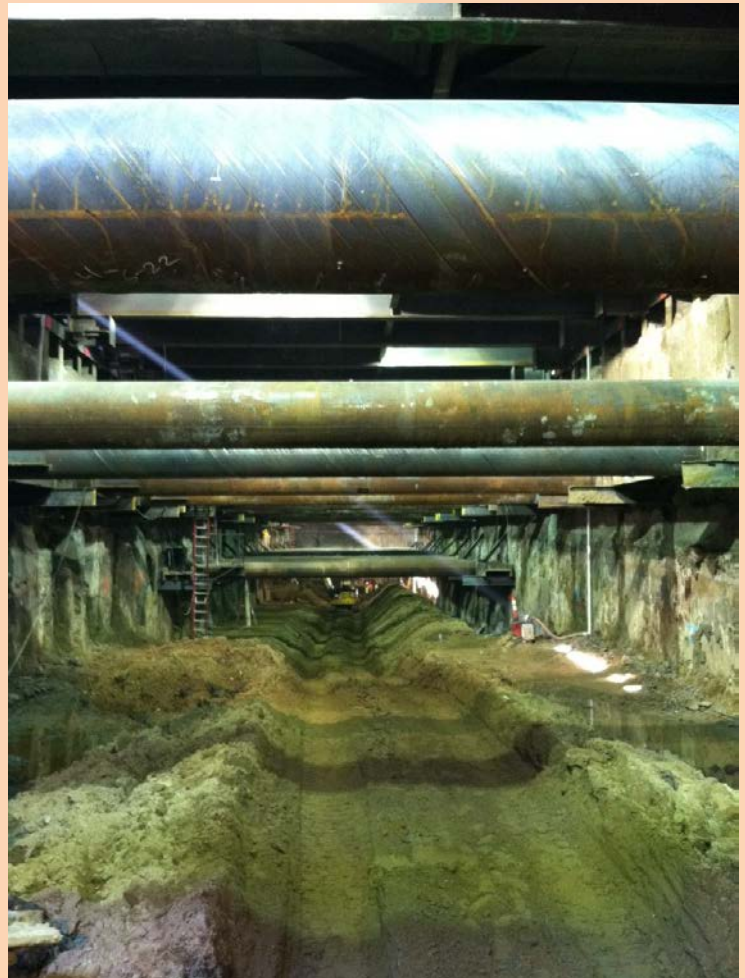


**CONDON - JOHNSON  
& ASSOCIATES, INC.**  
CONTRACTORS AND ENGINEERS

## OAKLAND OFFICE

### CENTRAL SUBWAY – SAN FRANCISCO, CA

The Central Subway project is a joint venture between CJA and Nicholson in downtown San Francisco. The JV is constructing the launch box for the tunnel boring machines, headwalls at the future station locations, and compensation grouting for buildings along the alignment. Types of work include slurry walls, secant piles, compensation grouting, and jet grouting performed under contract with Barnard Impregilo Healy Joint Venture (GC) for the SFMTA (owner). Internal bracing for the launch box was installed and removed using CJA steel. The Central Subway is a 1.7 mile long light rail project that will extend the Third Line from the 4th Street Caltrain Station to Chinatown, with stations at **Yerba Buena/Moscone, Union Square/Market Street, and Chinatown.**



**FEATURED ON  
COVER**



Equipment being utilized for the project includes the Leibherr HS885 and Leibherr HS855HD Cranes, Leffer Rotator, Linkbelt 218, Klemm, Soilmec R312 and SR60, and the Klemm/Bauer 3012 jet grout rig.



Key Personnel: Tom Baddeley (Project Manager), Jeff Borup (Superintendent), Dave Walraven, Keith Bryant, Matt Miller, Dan Alford, Les Smothers, Jarrod Fritz, Frank Portelli, Bob Federighi and the Livermore Gang

## **NEW STANFORD ADULT HOSPITAL – STANFORD, CA**



CJA was contracted by Clark/McCarthy to install OSHPD shoring for a new \$1 Billion hospital and design-build an adjacent parking structure in Palo Alto. Soldier piles, tiebacks, lagging, and internal bracing will be constructed for the below grade levels. CJA began in early April and the project is expected to take 9 months to complete.

The Soilmec R312 and SR60 will be used for vertical piles, and the Klemm and Davey Kent will be used for tieback installation.

Key Personnel: Mr. Franklin Dorin (Project Manager), Mike Almeida (Superintendent), Frank Portelli (Foreman)

## SCOTTS VALLEY– SANTA CRUZ, CA

In April CJA began construction on a 220-foot soldier pile tieback retaining wall along Highway 17 in Scotts Valley for Caltrans. There are 39 soldier piles and 69 tiebacks, as well as earthwork, concrete, and paving. CJA is the GC for this project and is expected to last 5 months.

The AF-18, Linkbelt 218, Klemm 806 will be utilized on this project.

Key Personnel: Amy Wood (Project Manager), Curt Wiederholt (Superintendent.)

## NEW HIRES

The Oakland Office is pleased to welcome these summer interns:

**Allison Light** – Civil Engineering Student – UCLA

**Brandon Powers** – Civil Engineering Student / Santa Clara University

**Ben Helms** – Civil Engineering / San Francisco State

## SEATTLE OFFICE

### STILL CREEK – BURNABY, BC

The Still Creek Works Yard Ground Improvement project in Burnaby, BC is a joint venture between CJA and Southwest Contracting.

The JV uses CJA's triple axis soil mixing system attached to the ABI 24m to create a continuous grid pattern of soil-cement panels intended to support two new buildings and mitigate lateral spread during the design earthquake for the City of Burnaby. The ground improvement extends from existing grade as deep as 45-feet down through approximately 18-feet of peat, then very weak silty clay, toeing 1-feet into the till below. 28-day soil-cement UCS testing generally ranges from 2 to 5MPa to 5-MPa (200 to 700-psi).



The project was completed in April, 2013.

Key Personnel: Jason Page (Project Manager), Bob Cole (Superintendent)



## I-205 @ NE AIRPORT WAY INTERCHANGE – PORTLAND, OR



On April 8<sup>th</sup>, CJA began work on the I-205 @ NE Airport Way project in Portland, Oregon. The project for Hamilton Construction consists of four each 4-foot diameter bridge shafts up to 140-feet deep, a 4-foot diameter secant pile wall with 21 primaries and 23 secondaries, and five drilled shafts for sign poles. All shafts will be temporarily cased to tip using the SR-100 and 1.2-meter oscillator.

Key Personnel: Eric Dybevik (Project Manager), Bob Cole (Superintendent), Simon Chavez (Field Engineer)

## SELLWOOD BRIDGE SHORING – PORTLAND, OR

CJA was hired by Slayden/Sundt JV to install over 40,000 square feet of shoring along OR43 in Portland, Oregon. The work will be completed in three phases with the final phase occurring in 2015. The first phase began on April 15 and is scheduled to be completed in October of this year. First phase work consists of 146 each soldier piles, 280 each 140-foot deep tiebacks, and 23,000 square feet of soil nail/rock bolt wall.



The AF-25 and Soilmec 312 will be used to install the soldier piles. Tiebacks, soil nails, and rock bolts will be installed using the Klemm 806, Reach-Over Rig, and Comacchio MC 602.

Key Personnel: Leo Stapleton (Project Manger), Mark Gundlach (Superintendent), Colby Henke (Superintendent), Ty Jahn (Project Engineer), Kyle Melberg (Foreman), Joe Davis (Superintendent)

## **NAVY CULVERT REPLACEMENT – BREMERTON, WA**

Starting in early May, CJA began installing a grouted barrel vault to provide temporary standup time for a liner plate tunnel that will replace a culvert on the Navy base in Bremerton, Washington. The 6-5/8 inch casing is supplied with grout ports every 2-feet along the length of the casing. Once the casing is installed, the ground surrounding the casing is stabilized with microfine grout injected through the ports using a set of straddle packers. The casing holes are drilled in an arch formation around the start of each side of the tunnel to help support the roof of the tunnel during excavation. Holes are being surveyed with a gyro following installation to confirm that the casing does not lie within the tunnel envelope.

For this project, CJA will install 25 each permanent casing strings on each side of the tunnel at 18 inches on center to a depth of 100 feet using the Klemm 806. Following installation of the casing, CJA will utilize a straddle packer to inject microfine grout to stabilize the soil between the casing. The project is expected to last 2-3 months depending on the soil conditions in the middle of the tunnel.

Key Personnel: Spark Johnston (Project Manger), Joe Davis (Superintendent), Brendan Harkins (Project Engineer)

## **UPCOMING PROJECTS**

### **GENESEE CSO REDUCTION – SEATTLE, WA**

The Genesee CSO Reduction project consists of installing 278 each 3-foot secant piles with depths of up to 50-feet using the 825 in continuous flight auger mode, 293-lineal feet of sheet piling 32-feet and 40-feet deep, 148-tons of internal bracing and 21 each dewatering wells . Work is scheduled to start May 24, 2013 with removal of the dewatering system in April, 2014.

Key Personnel: Rowland Stow (PM), Bob Bishop (Superintendent), Andy Erickson (Intern)

### **SOUTH 200<sup>TH</sup> ST. LIGHT RAIL EXTENSION – SEATTLE, WA**

Beginning mid-June, CJA will begin work for PCL installing 70 each 2-meter, 2.5-meter, and 3-meter oscillated drilled shafts up to 170-feet deep for the Southlink light rail extension. Work will be completed using the Liebherr 895, 3-meter oscillator, and eventually the new 3-meter rotator.

### **UPRR HARRISBURG HARRISBURG, OR**

In August of this year, CJA will begin installation of 18 each 2.2-meter shafts up to 140-feet deep for a new bridge using the Liebherr 885 and 3-meter oscillator working off of a trestle.



## NEW HIRES

The Seattle Office is please to welcome the following full-time EIT  
**Simon Chavez** – Civil Engineering; Washington State University

The Seattle Office is pleased to welcome our new superintendents  
**Colby Henke** – Colby has over 25 years of experience in the drilling industry  
**Bob Bishop** – Bob has been in the drilling industry since 1985.

The Seattle Office is pleased to welcome the following interns  
**Sheila Markazi** – Civil Engineering ; Molecular & Cellular Biology / University of Illinois  
**Andrew Erickson** – Mechanical Engineering / Montana Tech

## SAN DIEGO OFFICE

### JACOBS MEDICAL CENTER

CJA completed the installation of 37,648 square feet of design build soldier pile tieback and soil nail shoring in April, 2013. A portion of the shoring was required to conform to OSHPD specifications while the other section of the shoring system was only held to CBC 2007 standards. In addition to overcoming the constructability challenges of the shoring system, CJA had to thread anchors through “No Drill Zones” and untangle the requirements contained in each of the governing documents.

Key Personnel: Dave Giwosky (Project Manager), Don Sheresh (Superintendent), Luis Maldonado (Superintendent)





## 15<sup>TH</sup> AND ISLAND



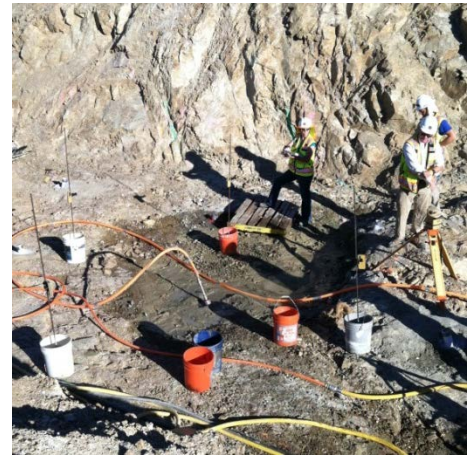
CJA is currently installing 47,000 square feet of design build soldier pile tieback shoring and 481 each tiedown anchors. Shoring was installed just east of San Diego's Petco Park and historic Gaslamp Quarter. This project is ongoing as of May, 2013.

Key Personnel: William Lincke (Project Manager), Jerry Shuster (Superintendent)

## CRAFTON HILLS RESERVOIR ENLARGEMENT

Located just outside of San Bernardino, CA, CJA was contracted to drill and install 13,000 lineal feet of curtain grouting for dam improvements. The Crafton Hills Reservoir project was completed March, 2013

Key Personnel: John Compagnone (Project Manager), Jaime Renalde (Superintendent)



## SHARP MEMORIAL HOSPITAL – CENTAL TOWER RETROFIT



CJA installed 76 each difficult access micropiles with ultimate load capacities of 616 kips in compression and 313 kips in tension. During micropile installation Sharp Memorial Hospital was required to remain in full operation. The project was completed May, 2013.

Key Personnel: Evan Newman (Project Manager), David Ross (Superintendent), Jarrad Fritz (Superintendent)

## HILLERY DIRECT ACCESS RAMPS

CJA installed 243 lineal feet of 72-inch diameter CIDH, 654 lineal feet of 90-inch diameter CIDH, 30 lineal feet of 36-inch CIDH, and 33 lineal feet of 60-inch CIDH. The Hillery Direct Access Ramps project was completed April, 2013.



Key Personnel: William Lincke (Project Manager), Luis Maldonado (Superintendent)

## HANA HIGHWAY ROUTE 360 EMERGENCY REPAIR

CJA joint ventured with Hawaiian Dredging Construction Company (HDCC/CJA) in order to perform repairs to the Hana Highway located on the island of Maui. The highway had sustained damage due to slides, and eroding slopes. HDCC/CJA JV installed rock/soil anchors and a micropile tieback shoring wall in order to repair the roadway and mitigate future roadway damage and traffic interruptions. The work is scheduled to be complete in July of 2013.



Key Personnel: Evan Newman (Project Manager), Jarrad Fritz (Superintendent)



## HU HONUA BIOENERGY

CJA joint ventured with Hawaiian Dredging Construction Company to install micropiles for foundation support at a new green energy power plant located in Pepeekeo, HI. Over 500 micropiles were installed with design loads of 30 kips in tension and 60 kips in compression. This project is scheduled for completion in July, 2013.



Key Personnel: Evan Newman (Project Manager), Terry Kotas (Superintendent), Jose Tovar (Superintendent)

## NEW HIRES

As full time project managers and estimators, the San Diego district is pleased to welcome:

**Hugo Guerrero** – Hugo has over 10 years of construction experience

**Michael Zirpolo** – Michael has over 20 years of project management/construction experience

## LOS ANGELES OFFICE

### RIVERSIDE DRIVE VIADUCT

The Riverside Drive Bridge Replacement spans the Los Angeles River and is bordered between interstate I-5 and 110 Freeway. Flatiron West was contracted by the City of Los Angeles to complete the \$38 million project, and hired CJA to construct large diameter wet drilled shafts at five bridge bent locations. CJA is contracted to perform two stages of work lasting roughly 2.5 years.



CJA has utilized equipment including the AF-300, AF-250, SR-70, Texoma 800, SoilMec R312, Cat LoDril DH-60, Link Belt 218, Mantiowac 888, Mantis 6610 to install the drilled shafts.

Key Personnel: Derek Deutscher (Project Manager), Jim Vildibill (Superintendent), Luis Maldonado (Foreman), Rafael Arriaga (Foreman)



## USC SWIM STADIUM

USC is building a multi-level swim stadium around existing lap and dive pools on campus. CJA worked as a subcontractor to Bernards for this \$13 million renovation project. Our scope of work included the installation of 123 caissons with depths ranging from 40 to 60 feet. CJA provided two simultaneous drill crews to accommodate Bernards fast paced schedule, which was dictated by Olympic training at the facility.



CJA utilized equipment including the Lo Drill DH-60, Lo Drill M250, Soil Mec SR30 and Link Belt 218.

Key Personnel: Aaron Mueller (Project Manager), Hugo Guerrero (Project Engineer), Rafael Arriaga (Superintendent).

## DELTA TERMINAL 5 LANDSLIDE REDEVELOPMENT

CJA was contracted by Swinerton Builders to begin work in early March 2013 installing micropiles for a seismic retrofit to the landside portion of Terminal 5 at Los Angeles International Airport. The project includes 105 each 8-inch diameter micropiles to 60 feet in depth. The micropiles are being installed utilizing duplex drilling methods. The owner requires all potentially disruptive work to be carried out at night, with the terminal remaining fully operational throughout the project.



CJA has utilized a new Soilmec SM-3 to install the micropiles in the limited access areas of the terminal.

Key Personnel: Josh Hilton (Project Manager), Don Sheresh (Superintendent)

## ELAN MIXED USE APARTMENTS



CJA was hired as a design-build shoring subcontractor for a multi-level mixed use retail and residential building in Huntington Beach, CA. CJA is installing 15,500 square feet of cantilevered soldier pile and timber lagging temporary shoring. Due to the dry, granular and sandy characteristics of the soil CJA elected to auger cast the toes and set the beams with the ABI.

CJA utilized the SR60, 17m ABI, and Schwing WP1000X.

Key Personnel: Aaron Mueller (Project Manager), Jamie Renalde (Superintendent), Jose Tovar (Foreman)

## UPCOMING PROJECTS

**SILVERLAKE PACKAGE 17 – PERRIS VALLEY LRT, ARCO MALIBU**

## NEW HIRES

The San Diego district is pleased to welcome our summer intern

**Trent Casillas** – Civil Engineering / Cal Poly San Luis Obispo.