

## SWA / HAZARD RECOGNITION PROGRAM

Every day, all of us at Cajun Deep Foundations rely on our field craft and staff employees to remain vigilant and keep their eyes and ears open for potentially hazardous situations. It is these watchful men and women that contribute to our safety success as a company, but more importantly, help ensure their coworkers return home safely to their family and friends.

There were **3,074** SWA / Hazard Recognitions submitted from January through June 2018.

Let's think about those numbers. That's **3,074** times a potential accident was prevented because of you. **3,074** times you helped someone go home safely to their family. **3,074** times you were your brother's keeper.

Our SWA / Hazard Recognition program includes safety incentives to encourage employees to be proactive in preventing incidents. *The true incentive is immeasurable.*

Scott Callaway – President, Cajun Deep Foundations



**SP01 – Silent Piler**

### What is a Silent Piler?

A reaction-based press-in machine, which installs piles without excessive noise or vibrations. Piles are hydraulically pressed into the ground using static energy, thus almost eliminating noise and vibration.

### Why a Silent Piler?

- Safer than conventional methods
- Eliminates vibration
- Eliminates noise
- Onboard pile laser for wall alignment
- Eliminates heavy hanging installation equipment such as vibratory hammers

I am the newest member of the CDF equipment fleet and will be coming to a jobsite soon!

# Elba Island: Integrated Success



In March 2018, Cajun Deep Foundations and Cajun Constructors completed a yearlong effort of deep foundations and civil scope on Elba Island in Savannah, Georgia. Deep Foundations mobilized in April of 2017 to install 945 PCCP piling for the Liquefaction Project. Throughout the project, Cajun’s scope of work grew to include the design & installation of three (3) sheet pile cofferdams; installation of limited access sheet piling under a high voltage electrical line; installation of segmented h-piles; design, installation and testing of two (2) helical test pile programs; and the concrete/ civil scope on four (4) basins. The project was successful due to the seamless integrated efforts between three Cajun companies: Cajun Engineering Solutions, Cajun Constructors and Cajun Deep Foundations. Through implementation of Cajun Deep Foundations’ Core Values, especially **Teamwork** and **Communication**, the entire Cajun family was successful in completing this challenging project 700 miles away from home.



## ELBA BY THE NUMBERS

- 949 PCCP piles Installed
- 13 Segmented H-Piles
- 1.16 million pounds of sheet piling
- 22,000 CY of excavation
- 6,990 CY of structural concrete
- **100,883** safe man-hours worked

I would like to personally thank every Cajun member that made this project successful.

Brent Guthrie – Project Manager

## New Jobs Awarded

• Criterion Shell – Concrete Piles	• Formosa GVCS PP3 - DDP
• Phillips 66 s-200 Gasoline ISOM ISBL – Sheet Piling	• Praxair - DDP
• CLECO Bayou Vista – Helical Piles	• ExxonMobil – RF QAL Building – Drill Shafts

Cajun Deep Foundations’ mission is to be the industry leader creating sustainable value for our clients and for the benefit of our community

# Jerry Burnaman

SPOTLIGHT

Jerry Burnaman may be new to the Cajun Piling Rig Superintendent role, but he is definitely not a novice when it comes to driving piling. Jerry started his career in construction at the age of 17 in 1986 as a pile driving ground man, for a bridge building outfit based out of Ruston, LA. Over his 32 years in the industry he has learned the ins and outs on multiple applications of pile driving, which has allowed him to develop into a skillful supervisor with Cajun Deep Foundations, LLC.

Jerry hired on with Cajun at the Sasol Mega Project in Lake Charles, LA as a foreman over a Pre-cast Concrete pile driving crew that went on to install sheet piling, battered pipe piling, standard and limited access Auger Cast-in-Place Piling. Early on in Jerry's tenure with Cajun he has stood out, exemplifying strong leadership skills and the knowledge of how to get the job done safely and efficiently while ensuring the quality of the finished product. Jerry went on to lead a Pre-cast Concrete Piling crew at the Kinder Morgan Elba Island Project in Savannah, GA. This project was challenging from a quality standpoint in that the specifications required stringent piling tolerances, which allowed minimal room for error, due to the skid plate foundation designs in lieu of a typical poured pile cap foundation. The project's foundation design allowed Jerry to shine with his wealth of knowledge and background on the essential techniques of procedure for precision pile driving accumulated over his time spent driving bridge piling. During Jerry's duration on the Elba Island Project, Cajun was awarded additional scopes of work, one of which included the installation of limited access spliced welded H-Pile in 7' sections, to depths of 77'. Jerry seamlessly transitioned his guys from a standard access pre-cast piling crew to this limited access specialty type of pile driving. Jerry led his crew to complete the Elba Island Project safely and successfully from all aspects and scopes.



Over the 3 years with Cajun Deep Foundations Jerry has moved up the ranks and is currently on his first project as a Rig Superintendent, over both a pre-cast concrete piling installation crew and handling crew at the TOTAL Ethane Cracker Project in Port Arthur, TX. He has hit the ground running since his first day on-site and has never looked back. Jerry continues to excel as a supervisor by instilling the Cajun Safety Culture in each of his crewmembers and leading by example. He is always planning ahead with the on-site staff and coordinating his work sequence accordingly, to guarantee efficient and quality production. Jerry has a very bright future ahead of him in his new position as a superintendent and is quickly becoming an asset to the CDF team.

Derek Duhon – Onsite Project Manager

## BUILD-A-RIG

Cajun Deep Foundations would like to congratulate Daniel Branch for becoming the latest recipient of Cajun's Build-A-Rig Program model crane. Daniel is winner number eight since the program's initiation that was rolled out in 2013. He has been with the Cajun Family since August 2014. Daniel has filled many positions along the way. His dedication to the Hazard Recognition Program and to his crewmembers has not gone unnoticed.

Daniel, Cajun would like to thank you for all you have done over the past 4 years and your commitment to safety.



Mike Adkins – Project Safety Coordinator

COMMITMENT   INTEGRITY   TRUST   RESPECT  
TEAMWORK   COMMUNICATION   LOYALTY

# Marathon Galveston Bay Refinery Continued Success - Lift Station 25 Cofferdam

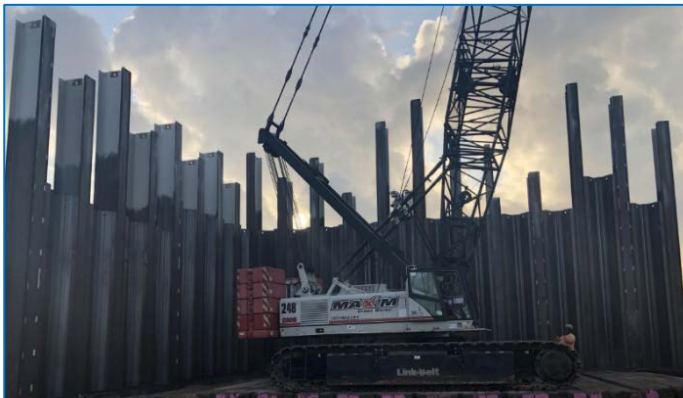
In the month of April 2018, Cajun Deep Foundations was awarded another project in the Marathon Galveston Bay Refinery. Since last February, Cajun Deep Foundations has performed work at this facility nine of the twelve months. Deep foundation projects consisted of soldier piles, drill shafts, traditional sheet piles, helical piles, and most recently, king piles. Through our valued relationship with Marathon, Cajun was able to provide valued engineering, design and construction services for this cofferdam. The large, deep excavation required stout shoring, which normally requires multi-layered waler and strut bracing. Cajun Engineering Solutions was able to provide a single waler and strut system with the use of king pile design. This design will enable Cajun Constructors to excavate the thirty-five foot deep and sixty by seventy foot wide sump much quicker, as they only have to navigate through one tier of shoring supports.



Materials for this cofferdam included sixty-five foot long I-beams and forty-five foot long sheets. The sheer size of the I-beams in a limited construction work area created logistical challenges for Cajun and Marathon. Installation challenges existed due to the dry, dense ground conditions met in this area. Although Cajun experienced extremely hard driving conditions early on in the project, Cajun's site superintendent, Leroy Mingo, made the necessary equipment adjustments to conquer the hard subsurface conditions. Cajun Deep Foundations completed the shoring for this project and move to another, more traditional, shoring box thereafter. Our continued work at this facility is a testament to Cajun's commitment to its clients by delivering a creative design, safe work and quality construction.

**To our dedicated onsite crew and support staff, keep up the safe work!**

Kirt Jackson - Project Manager



Cajun Deep Foundations' vision is to be the premier full service deep foundation company providing un-paralleled foundation solutions on land and water.

# TOTAL Ethane Cracker Plant Project (ECP) Port Arthur, TX

Cajun Deep Foundations, LLC is subcontracted by McDermott International, formerly Chicago Bridge & Iron (CB&I), to provide all deep foundations for the installation of an ethane cracker expansion at the Total Petrochemical Refinery in Port Arthur, TX. On January 2, 2018 CDF initially mobilized two driving rigs and one handling rig to support the pre-cast concrete piling operations. Due to frequent weather events on the front end of the project, CDF faced challenging site conditions, but the project team persevered and overcame the circumstances to provide the client with safe services and a quality product. In an effort to meet the client's early completion dates, on March 19, 2018 CDF mobilized an additional driving rig along with two handling rigs to support the client's request for an acceleration of schedule. CDF increased manpower and equipment to boost the production installation rate and is on pace to complete the piling scope within the client's timeline. CDF is currently 90% complete with having successfully installed 4,220 each 18"x 45-65' pre-cast concrete piling, equating to over 229,800 LF of piling. Most importantly CDF has worked over 40,000 consecutive safe man hours throughout the duration of the project, due to the joint effort of all 45 CDF employees involved. On June 10, 2018 the project team celebrated these accomplishments with a catered steak dinner at the nearby Port Neches Riverfront Park. CDF looks forward to finishing this project safely and productively to pave the way for future work with McDermott and TOTAL.

Derek Duhon - Onsite Project Manager



As of June 10, 2018, Cajun safely and successfully installed the following deep foundations, providing a quality product for the client:

- **2,224(ea) 18"x45':  
Pre-stressed Pre-cast Concrete Piling**
- **2,045(ea) 18"x65':  
Pre-stressed Pre-cast Concrete Piling**



# End of Job Safety Incentive Program

Cajun Deep Foundations has developed a safety incentive program for employees at the end of projects. This program promotes existing programs that are currently in place. This program is based on the employee's performance in safety.

## ➔ HOW IT WORKS ➔

- **Pre-Task KPI:** Weekly Pre-Task KPI scores for the project will be averaged out from the beginning date to the project completion date.
- **Audit scores:** weekly audits scores will be averaged out for the duration of the project.

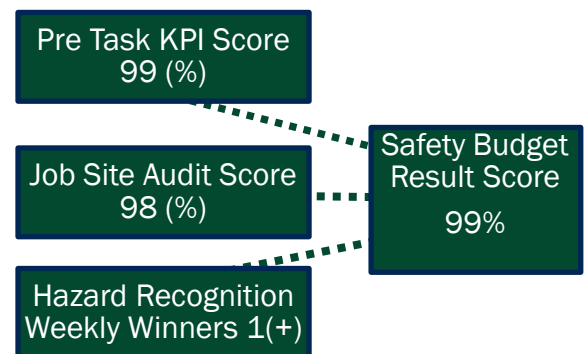
These two averages will be added together to create a weekly average for the job site.

- **Weekly hazard recognition winners** from a project will add (1%) one percentage point to their personal weekly average score

All project pre-task scores and audit scores will then be averaged to determine the amount of the safety incentive budget available for use.

Employees will be separated into (3) three different groups based on hours worked on a project and will receive the corresponding percentage of the safety budget

- ➔ Group 1 will receive 45%
- ➔ Group 2 will receive 35%
- ➔ Group 3 will receive 20%



Each tier will choose from three different items from three different stores for what they would like to be awarded as their end of job safety incentive gift.



Chosen incentives will be purchased then distributed

