

# PIPELINE CONNECTION



JOHNSON-DAVIS INC.

Johnson-Davis Inc.

Construct with Confidence  
Winter 2014/Spring 2015

## Investing in our Future

So we can continue to remain competitive, offer our employees a great place to work, and deliver our customers the product they deserve, we are making major investments in our future: our people, equipment, and technology.

Our employees have always been one of our major priorities, and we are spending more time training our employees. We want to continue advancing the technical, safety, and leadership

knowledge and skills of our workforce.

We have begun heavily reinvesting in our equipment through recent purchases. For example in the past two years, the average age of our wheel loaders has fallen by 3½ years. We continue to consider more purchases to continue reducing our fleet's average age.

This year, we have also made a major invest-

ment in technology. We purchased a new software system that seamlessly links our accounting, shop, and project management groups. This allows more accurate and detailed tracking of actual project and equipment revenues and costs, as well as other efficiencies.

Happy holidays to everyone. I look forward to another year of investing into our future and seeing our deserved payoff.

Scott Johnson  
President

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CR 708: Tom Linsley and crew set nine segments of a 40 foot span, 10 foot rise CON/SPAN for JW Cheatham.



Osceola Sugar Mill: Odi Hernandez and crew installed double barrel 72 inch sand cement rip rap headwall with two 72 inch flashboard risers. The sand cement was hand placed by for Rio-Bak Corporation.

# Project Spotlight: Tamarind Avenue Water Main

By: Ben Miller, Project Manager

In April 2014, Johnson-Davis began work on the Tamarind Avenue Infrastructure Improvements project, located in the City of West Palm Beach, as the prime contractor for the City of West Palm Beach Water Utilities Department.

The overall project consists of installing new 20-inch and 30-inch water transmission mains along Tamarind Avenue from 23<sup>rd</sup> Street south to Palm Beach Lakes Boulevard. The project is estimat-

Pipelayer Jacky Henrisme prepares to install 36 inch ductile iron water main in an 8 foot cut.



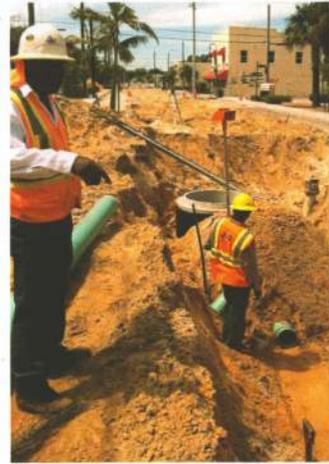
ed to be complete in January of 2015.

The purpose of this project is to upsize an existing 24-inch cast iron water main that was installed in 1927 with a new 30-inch ductile iron transmission main. Our scope of work consists of demolition, removal and replacement of water mains, gravity sanitary sewers, and storm drainage, installation of irrigation sleeves, and all site restoration.

Working with such an old system, some of the challenges we had to deal with were 12-foot lead packed joints, oversized bells, leaking valves, direct tap services, and unknown water services due to unavailable record drawings.

All of the underground utilities were within the existing roadways. Because of this, an extensive phasing plan was developed with eight phases to allow for sections of the roadways to be closed while still maintaining access for the neighboring residents. Most phases had to be completed

and the roadway restored and opened before the next phase could begin.



Installing sanitary sewer.

This required a detailed schedule of activities and significant coordination with the City, suppliers, and subcontractors to ensure Johnson-Davis remained on schedule and that milestones were achieved.

The most challenging phase of this project was the crossing of 15<sup>th</sup> Street which was a deep deflection through a signaled intersection. This

was the only location on the project that we anticipated requiring dewatering. During the SFWMD permitting process for

dewatering, it was determined that the adjacent property was once a gas



Installation of 30 inch water main.



Dave Fayssoux's crew installing drainage.

dewatering, it was determined that the adjacent property was once a gas

# Project Spotlight: Tamarind Avenue Water Main continued

station and that there was potential petroleum contamination in the water. This would require treatment prior to discharging.

We teamed up with Handex Consulting and Remediation who mobilized a complex water treatment system consisting of carbon filters and an air stripper. Due to the cost associated with operating the water treatment system, Johnson-Davis provided multiple

crews who worked both day (Chescal Ceance's crew) and night (Dave Fayssoux's crew) to expedite this work. Dewatering was completed in just two days, Handex Consulting and Remediation was on



Chescal Ceance's crew making a tie in on a 16 inch to 6 inch water main.

and off the project within one week, and the intersection was reopened to traffic in fewer than two weeks. With the underground work complete, Johnson-Davis personnel is now focused on

the final site restoration and project closeout documentation. To date, the Tamarind Avenue project has progressed well and is currently on track to be another successful project for Johnson-Davis.

Continue to prepare, plan, produce and most importantly, be safe. Keep up the good work.



Chescal Ceance's crew installing a thrust collar for a 24 inch gate valve.

## OWNER:

City of West Palm Beach

## ENGINEER:

Kimley-Horn and Associates

## PROJECT MANAGER:

Ben Miller

## SUPERINTENDENT:

Joe Bagford

## ESTIMATOR:

Bernie Vito

## MAJOR SUBCONTRACTORS AND SUPPLIERS:

ABC Concrete Cutting Inc.

Bird's Eye View Audio Video Productions

Bob's Barricades, Inc.

Caulfield & Wheeler, Inc.

D.S. Eakins Construction Corp.

Fine-Line Striping, Inc.

Handex Consulting & Remediation- Southeast, LLC

HD Supply Waterworks

Murphy's Law Concrete Cutting, Inc.

Nutting Engineers of Florida Inc.

Pathway Enterprises, Inc.

Rangeline Tapping Services, Inc.

Rosso Site Development, Inc.

Shenandoah Construction

Tru Trucking Inc.

U.S. Concrete Pipe Co.

U.S. Concrete Products Corp.

Utility Services International LLC

Young's Communications Co., Inc.

# Project Spotlight: CR 714

By: Doug Ipolito, Project Manager

Work on the CR 714 project in Martin County began in September 2014. We started working with crews from Prime Contractor JW Cheatham, LLC and their Project Manager Steve Cheatham in an effort to establish a dewatering system in Pond West that conformed to SFWMD turbidity regulations. This proved to be a daunting task, as September rainfall amounts were higher than average, and the material in the pond contained marl.



Pablo Fernandez Vargas and crew lay 42 inch pipe.

The marl material is fine to work with when it is dry, but it does not dry out easily nor does it allow water to be pulled down through it. Project Superintendent Leonard Dennis decided to use a combination of dewatering sock and well points in an effort to dry out the work areas. That, in addition to Leonard performing an "anti-rain dance", dried the area enough to allow the crews to achieve estimated productions with the backfill.

J-D has been working on the project with three mainline crews since late September, and as of mid-November we have installed over 4,000lf of RCP between 18" and 48" diameter.

Working conditions



Pablo Fernandez Vargas and crew install 24 inch pipe. The backhoe had to dig between two power poles.

were very tight from the start of the project until mid-November, when JW Cheatham crews were able to complete temporary pavement. That allowed for a traffic shift that afforded the crews an additional 11' of work area.

This should help to increase production and protect the crews from vehicular traffic.

As with all underground work in urban areas, utility conflicts are a daily obstacle. The CEI for the project, Target Engineering, has done an outstanding job in coordinating the adjustment of the utilities prior to and during the construction process to date.

The entire project spans nearly two miles of CR 714, just east of Florida's Turnpike to the newly constructed Indian Street Bridge.

The project was broken up into three separate phases.

Phase 1 includes the construction of two retention ponds, creatively named Pond East and Pond West. Drainage and lighting are to be installed on the eastbound side of CR 714 from the western construction limit east to culvert crossing at Danforth Creek. Drainage will also be installed on the west bound side of CR 714 from the eastern project limit west to the culvert crossing at Danforth Creek. One crew will break off from drainage installation to start a temporary extension of the existing box culvert at Danforth Creek to the north.

Professional Engi-



Odi Hernandez's crew including Loader Operator Gordon Davio unload a trench box delivered by Truck Driver Bob Parkinson. They will need the trench box for pipe and structure installation near the roadway 10 feet deep.

neer Tom Twomey worked with us to put together a submittal for the temporary sheeting and culvert extension needed to build a new 9' x 9' box culvert across CR 714 in just two phases rather than three phases, as originally designed by the FDOT. Sheet piles will be driven to protect the existing travel lanes while the existing culvert is temporarily extended by two 40' long 84" corrugated metal pipes. The canal banks will be protected

## OWNER:

**FDOT**

## PRIME CONTRACTOR:

**JW Cheatham, LLC**

## ENGINEER:

**Target Engineering Group**

## PROJECT MANAGER:

**Doug Ipolito**

## SUPERINTENDENT:

**Leonard Dennis**

## ESTIMATOR:

**Scott Johnson**

## MAJOR SUBCONTRACTOR:

**Mosley & Son Construction**

## MAJOR SUPPLIERS:

**Rinker Materials Concrete Pipe Division and Oldcastle Precast**

# Project Spotlight: CR 714 continued

by the redirection of the flow by adding broken concrete up the slopes. JW Cheatham will then place temporary pavement over the two pipes, and traffic will be shifted north.

Then the fun begins! We will remove the existing pedestrian walkway, set up dewatering, and demolish the old culvert to get ready for crews from Mosley & Son to start work on the box culvert footer and wing walls plus the installation of the pre-cast box culvert supplied by Rinker Materials– Concrete Pipe

Division.

After the culvert has been completed and all drainage construction is completed on the south roadway, traffic will be switched and the entire process will repeat itself on the opposite side of the road.

When the project is completed by



Installation of 24 inch RCP.

September 2015, J-D will have installed over 90 inlets and MH's, 13,000lf of drainage pipe, and 330lf of 9' x 9' box culvert. This work has required and will continue to require the vigilant efforts of all J-D personnel in close cooperation with the members of the crews from JW Cheatham, Target Engineering, and

FDOT.

## Construction Career Days

As part of educational outreach for high school students, Johnson-Davis participated in the South Florida Construction Ca-

reer Days in October 2014. The event is designed to introduce construction careers to approximately 2,000 local high school

students through hand-on demonstrations.

Johnson-Davis Inc. ran the Work Zone Safety Learning

OSHA Compliance Assistance Specialist Vergie Bain presents safety information to students.

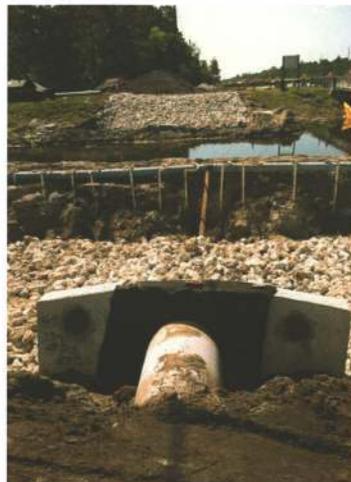


Safety Director Andy Thomson being interviewed by a school TV news crew.

Lab in partnership with Vergie Bain, OSHA Compliance Assistance Specialist.



SR 710 at Caloosa: Dave Fayssoux's crew installed a 18 inch headwall and a 30 inch headwall into the canal for the FDOT.



## Picnic: Save the Date



The Johnson-Davis annual employee/ family picnic will be Saturday, February 28, 2015, at Halpatiokee Park in Stuart. We hope you will join us! More details will be provided soon.

# Open Enrollment

We are now in our period of insurance open enrollment. This is the time of year that we can add or drop dependents, and we can sign up for or drop medical, dental, vision, life, AFLAC, and other plans.



We are pleased to report that we are not making changes to our medical, dental, or vision

plans for 2015.

Notify Human Resources no later than Monday, January 5, 2015, if you would like to:

- Add or drop yourself from any plans
- Add or drop any of your family members from any plans
- Change between plans

Any of these changes will be effective January 1, 2015. If you do not make changes now, your next opportunity to make

changes will be effective January 1, 2016.

You may make mid-year changes if you experience a major life event such as a birth, death, marriage, or divorce. If this applies to you during the year, contact Human Resources within 30 days of your life event.



# Updating your Beneficiary

Have you experienced a major life change such as having a baby, getting married, getting divorced, or losing a loved one? If so, you may want to update your beneficiary for your life insurance or 401k.

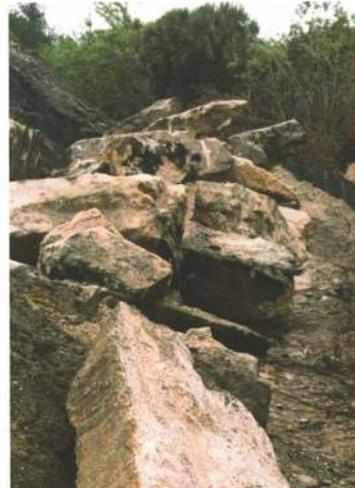
Your beneficiary is the person

(or people) who you choose to receive any money from your life insurance and 401k when you pass away. It is important to keep your beneficiary designations current because the plans are required to pay the benefit to whoever you have selected in



writing. If something has changed in your life and you would like to select a new beneficiary, you can update this at any time of year.

Contact HR if/when you would like to make a change.



SR5 Cocoa: (Left and Center) Mechanic Al Leininger ran a rock trenching machine for Astaldi Construction. The trencher was used to cut through 1,500 linear feet of solid rock. The 6,000 cubic yards of rock was cut in sections and removed with an excavator as the crew installed the 60 inch outfall. (Right) Pictured is a small amount of the rock removed by the excavator between the trench cuts.

# 401k Retirement Plan

Johnson-Davis offers a 401k retirement plan to employees to help save for retirement. In addition to the money employees contribute, Johnson-Davis offers a generous "match" of the money.



Are you thinking about increasing the amount you save out of your paycheck each week? You can increase or decrease this amount every January 1, April 1, July 1, and October 1. Contact Human Resources if you would like to make a



change. For more information on your account or to change where your funds are invested, contact Principal Financial Group at 1-800-547-7754 or [www.principal.com](http://www.principal.com).

# Keeping our Workforce Healthy: See Our Raffle Winners

J-D employees were encouraged to get free annual wellness exams. Those who provided proof of their exam (such as a receipt, but no medical records) were entered into a drawing for \$500.

Congratulations to our TWO \$500



**Antonio Samuel**

winners, Pipelayer **Antonio Samuel** and Truck Driver **Bob Parkinson**.

Employees who got flu shots each received a \$10 gift card and were also entered in a drawing to win one day's pay.



**Bob Parkinson**

This year's drawing winner is Tailman **Guillermo Ramirez**. Congrats!

Thanks goes to all employees who got their wellness exams and flu shots.



**Guillermo Ramirez**

Kirk Road Bridge Replacement at L9 Canal: (Left) Jerry Philbrick and crew install a 12x4.5 foot box culvert for Palm Beach County Engineering and Public Works. Kirk Road was closed while the work was done, and J-D relocated a pedestrian bridge to ensure a safe distance from the work for the public. (Center) The box culvert was installed by Johnson-Davis, with cast in place wing walls installed by Mosley & Son, prior to rebuilding Kirk Road over the box culvert. (Right) The finished project.



# Kudos Korner

**Juan Carlos Guerrero** successfully completed the FDOT-approved on-the-job training for the Pipelayer classification on the CR 714 project. Way to go!

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The City of West Palm Beach passed along appreciation to

Foreman **Jerry Philbrick** and his crew, Superintendent **Joe Bagford**, and Project Manager **Ben Miller** for their good work on our Murray Road project. Thanks to all involved!

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Congratulations to Foreman

**Tom Linsley** and his crew, Superintendent **Leonard Dennis**, and Project Manager **Rob Lima** for their excellent 98 out of 102 score from the FDOT on the SR 60 Padgett Branch Marsh Drainage Improvement project. Great job!



# Employee Spotlight

Customers and vendors joined Johnson-Davis as we wished **Bob Spink** a fond farewell and happy retirement.



Bob started working at Johnson-Davis in 1977. He was our com-

pany's first Foreman and our first Superintendent. Bob also has been a Project Manager and Vice President.

After a period of semi-retirement, it is official now! Best wishes to you, Bob, and please come back to visit us anytime!



# Employee Development

Congratulations to our employees for successfully completing the following training courses:

## Confined Space Training

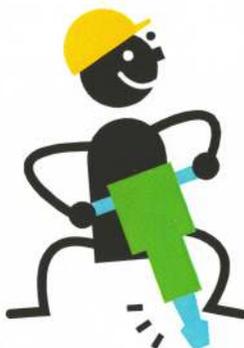
- ◆ Joe Bagford
- ◆ Phil Cartales
- ◆ Jerry Davis
- ◆ Tony Estep
- ◆ Sergio D Filipone
- ◆ Dan Follett
- ◆ Kerry Jackson
- ◆ Stern Lashley
- ◆ Edric Martin
- ◆ Jerry Philbrick



Superintendent Edric Martin during Confined Space Training

## Excavation Competent Person Training

- ◆ Joe Bagford
- ◆ Phil Cartales
- ◆ Leonard Dennis
- ◆ Kerry Jackson
- ◆ Edric Martin
- ◆ Norm Weaver



## Safe Use of Rubber Pneumatic Pipe Plugs

- ◆ Phil Cartales
- ◆ Jerry Davis
- ◆ Leonard Dennis
- ◆ Dan Follett
- ◆ Kenny Harp
- ◆ Aniel Phanor
- ◆ Kechener Philemons
- ◆ Jarrod Roundtree
- ◆ Andy Thomson

## FDOT-Approved Maintenance of Traffic (MOT) Advanced Course

- ◆ Joe Bagford
- ◆ Phil Cartales
- ◆ Clark Cryer
- ◆ Leonard Dennis
- ◆ Doug Ipolito
- ◆ Ben Miller
- ◆ Andy Thomson

Congratulations to Kerry Jackson on becoming an **ATSSA Certified Traffic Control Supervisor**.



MOT Advanced Course Training



SR 518 Emergency Repair: (Left) Crushing existing 66 inch pipe prior to removal for FDOT District 5. (Middle) Two machines, one run by Foreman Jeff Brady and one by Backhoe Operator Moises Molina, set a 35,000 pound structure. (Right) Installation of an aluminum skimmer fabricated by the shop and installed by Tom Winkler and crew.

# Safety Scoop

By: Andy Thomson, Safety Director

In my last article I explained that the primary goal in safety is not only ensuring that everyone has the tools to go home safely every day through a sound overall culture, but also that the culture must be grown and protected at all times.

This article is a great way to report on our ever-changing and growing safety culture.

When I arrived here I made a list of the things I both knew and felt needed to be accomplished to keep us all on the right safety track. In sharing my "wish list", there was total agreement that these items needed to be done.

What were these items? Almost everything centers on education for our employees. Many companies shrug this off as "the price of doing business." The difference with Johnson-Davis is that we understand the value in what is being presented and do not simply think about the cost.

From a training and education perspective, there must be an unbro-

ken chain, or "timeline" of safety and training to tie together everything we have learned with practicing these skills on the job. Hopefully this embeds these skills and practices in our culture.

All human beings use instinct to approach a task based on what we have done in the past, what works the fastest, and what our understanding is of what is expected of us. It is the endless combinations of everyone's experiences doing the same things that make up some of our "standard practices."

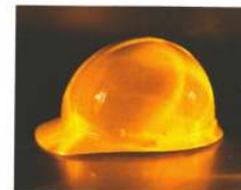
Whenever we need to change something that has taken so long to evolve – even if we need to make a change for everyone's benefit – it can take months or years for the change to finally make its way into our every day instinctual culture. This is where the "timeline for safety" is critical for our safety evolution.

The timeline ensures that we are thinking about the safe performance of what we do daily, weekly, monthly, and annually. Many of the contracts that we work on re-

quire us to have daily pre-job safety meetings to talk about the hazards on the job. We already have weekly safety meetings – all written to be pertinent to the work that we do. Additional safety activities are being planned to tie together the daily and weekly topics. Annual training has begun in the areas of trenching and excavation Competent Person and Confined Space training.

Once all these timeline items are in place, they become an engine for placing the same consistent messages, policies, and procedures into our culture so that we all move in the same positive direction. We then all understand what is expected of us and how to go about the business of performing safely in compliance with regulations as well as company policy.

At the end of the day, all this results in getting home safely. The difference is in knowing how to apply the rules, knowing how to plan safety into what we do, and knowing we did everything we could to ensure that no one gets hurt.



## Some Current and Upcoming Projects

<u>Job #</u>	<u>Project</u>	<u>Prime Contractor</u>	<u>Owner</u>	<u>Status</u>
21077	Seminole Blvd./Osceola Dr. Bridge Replacement	Johnson-Davis Inc.	Palm Beach County Eng and Public Works	Started Nov 2014
71082	South County Service Replacement Phase III	Johnson-Davis Inc.	Palm Beach County Water Utilities Department	Started Nov 2014
11095	Utility Improvement SR A1A Jupiter Beach Rd to US1	Johnson-Davis Inc.	Town of Jupiter	Started Nov 2014
41105	SR7 Filmore Street to south of Sheridan Street	Community Asphalt Co	FDOT	Start March 2015
31111	30" DIP Forcemain Improvements (23rd St)	Whiting-Turner Contracting Co	Town of Palm Beach	Start Dec 2014

# In the Press

Congratulations to all Johnson-Davis employees. Because of your hard work, Johnson-Davis is again ranked in Engineering News Record's list of Top 600 Specialty Contractors. Johnson-Davis ranked 19 out of the Top 20 Firms in Utility Work and also ranked 455 out of all specialty contractors in the



US. Thank you to all employees for your work to help us earn this industry recognition.

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In October 2014, the Palm Beach Post featured the work of **Sergio D Filipone's** crew at our Ramblewood project in Greenacres. Their work was designed to mitigate flooding and runoff issues.

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The Palm Beach Post wrote an article in November 2014 about our upcoming work for the Town of Jupiter at CR A1A from Jupiter Beach Road to US Highway 1. The project, scheduled to last approximately ten months, contracts Johnson-Davis to install new drainage and water main along CR A1A. After our contract is completed, the Town intends to widen the road and add bike lanes.

# 2015 Holidays and Vacations

## HOLIDAY SCHEDULE

New Years Holiday	Thursday, January 1, 2015
Martin Luther King Day	Monday, January 19, 2015
Memorial Day	Monday, May 25, 2015
Independence Day	Friday, July 3, 2015
Labor Day	Monday, September 7, 2015
Thanksgiving Holiday	Thursday, November 26, 2015
	Friday, November 27, 2015
Christmas Day	Friday, December 25, 2015
New Years Day	Friday, January 1, 2016



## VACATION SCHEDULE

Our 2015 Field Vacation schedule will be:

Thursday, December 24, 2015, through Sunday, January 3, 2016

-PLUS-

One week selected by each crew



# HAPPY HOLIDAYS!!!

## Johnson-Davis Inc.

Winter 2014/Spring 2015

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**JOHNSON-DAVIS INC.**



St Vincent de Paul Regional Seminary: Everton Henry and crew installs a weir control structure for CSR Heavy Construction.

## Construct with Confidence



Jupiter Bluffs/Jupiter Utility Repairs and Improvements: Dan Follett and crew installing new water taps for the Town of Jupiter.



SR 5 Cocoa: Tom Linsley and crew working for Astaldi Construction unexpectedly ran into a large shelf of hard rock that required the use of a Backhoe-mounted hammer to break prior to removal by the 954 with its rock bucket.

We're on the Web!

[www.johnsondavis.com](http://www.johnsondavis.com)



SR70: Pipelayer Mateo Torres Mendez and Tailman Andres Pascual on Jeff Brady's crew backfill and compact around an inlet for Ranger Construction.

Flagler Memorial Bridge: Odi Hernandez and crew installing 48 inch RCP for PCL Constructors.



Thank you to the following people who assisted with this publication: Joe Bagford, Leonard Dennis, Pablo Fernandez Vargas, Bob Hopley, Doug Ipolito, Kerry Jackson, Rob Lima, Ben Miller, and Andy Thomson.