

PIPELINE CONNECTION

JOHNSON-DAVIS INC.

SUMMER/FALL 2019

Idle Time

There has been a lot of talk around Johnson-Davis the past few months concerning excessive idle time for the Tier 4 engines in our newer modules of heavy equipment.

Back when I was a foreman, I instructed my operators that once you started your heavy equipment that you kept it running the entire day. We did that as not to burn up starters!

Times have changed, and we must learn to

diligently follow the manufacturers' recommended operating procedures to ensure that we get the maximum lifespan for our fleet at the least possible cost per hour. Everyone at Johnson-Davis must take the manufacturers' advice seriously if we are to remain a competitive industry leader. It is everyone's job from the entry-level new hire to me to be compliant and champion this important issue.

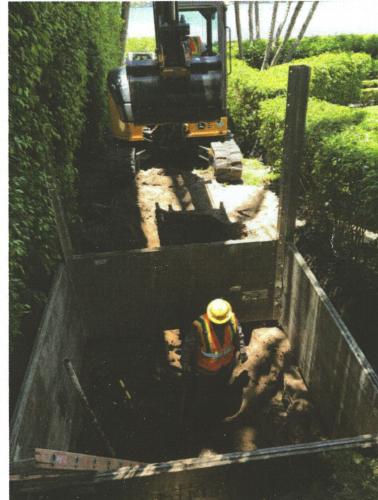
"Idle time" can also affect the guys and gals that work in the office. Them being idle translates to inefficiencies that can be costly to the company during these competitive times. They need to use their time wisely to benefit the company.

Lastly, "idle time" is the rest and relaxation that we have earned during the year. Use your idle time to recharge!

Scott Johnson
President



Former City Hall- Woodfield Apartments: Chescale Ceance and crew installing the exfiltration storm drainage for American Engineering & Development.



Palm Beach Private Residence:
Sergio D. Filipone's crew excavating for a doghouse sewer manhole as part of a sewer renovation for Hedrick Brothers Construction.



JOHNSON-DAVIS INC.

Inside this issue:

Employee Service Award Recognition	2-4
Safety Scoop	5
Project Spotlight: SR-713	6-7
Company Picnic & Awards	8-9
Scholarship Recipients	10
Kudos Korner	10
CANstruction	11
Current & Upcoming Projects	11
Project Snapshots	12

Employee Seniority Recognition

Johnson-Davis Inc. is proud of its incredible team members who are key to our company's success. With gratitude, we recognize the following milestones.

ANTONIO SAMUEL
30 YEARS



Antonio Samuel began installing pipe for J-D on August 27, 1989. Over his incredible 30 years, he has demonstrated the capacity to handle the toughest projects we get. He especially excels at sewer installation. We are fortunate that he has also embraced the role of teacher and mentor to those less experienced who follow in his footsteps. Thank you!

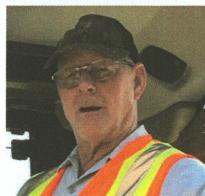
VINCENT CARR
25 YEARS



A hardworking and reliable employee, Vincent Carr began at J-D on March 14, 1994, as a laborer. During his career he has become quite knowledgeable about our work, and today Vincent can install all types of pipe.

People enjoy working with Vincent because he is always very pleasant. We appreciate you and your many years of service, Vincent!

GORDON DAVIO
25 YEARS



Gordon Davio is celebrating 25 years of service. He began working at J-D as an operator on March 22, 1994. He is dependable, organized, and a strong loader operator. Once told the plan for a project, Gordon will organize the jobsite and keep the crew moving without any instruction. He is reliable and takes great care of the equipment he operates. Congrats, Gordon!

ODILON HERNANDEZ
25 YEARS



Odilon Hernandez joined J-D on December 2, 1994, as a laborer. Today he is a highly knowledgeable foreman who manages deep and very technical projects with little guidance. He is extremely talented at training people

and helping them advance in the company. Always teaching, Odi works alongside his crew and has high standards both for himself and also for those on his crew. Thanks, Odi, for all that you have contributed!

SIEGFRIED PETE PARKINSON
20 YEARS



Backhoe Operator Siegfried "Pete" Parkinson is a talented operator who started with J-D on June 17, 1999. Capable of running all types of equipment, Pete is usually seen on a backhoe. In addition to installing all kinds of pipe, he also performs difficult and specialized work on challenging and specialty projects. Pete has an innate ability to visualize a job and how to construct it, which is invaluable. Congrats!

TRANQUILINO VELASQUEZ
20 YEARS



Hired by J-D on October 25, 1999, as a laborer, Tranquilino Velasquez has risen over

the years to be a strong pipelayer who can install any type of pipe. Along with his wonderful personality, he is always happy and enthusiastic about what the team needs to accomplish. He can always be counted on to jump in and help. We are very grateful for all that you do for us, Tranqui!

**EVERTON HENRY SR
15 YEARS**



Everton Henry Sr was hired by J-D on February 11, 2004, as a helper. Fifteen years later, he is a backup crew leader who specializes in carpentry. Everton is a skilled carpenter who is especially talented at constructing specialty items such as unique tops. Congratulations on reaching this milestone, Everton, and thanks for all that you do!

**JOSE RENE HERNANDEZ
15 YEARS**



Jose "Rene" Hernandez started working for J-D on June 15, 2004. For many of these years he was a pipelayer, and today he is a talented mainline foreman. He handles all types of projects and is especially strong

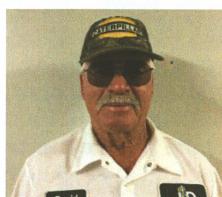
working with utilities and controlling an entire project when J-D is the prime. Rene is both a good leader and a trainer. He keeps his projects organized and gets along well with inspectors and his employees. Thanks!

**GREGORY PINDER
15 YEARS**



Gregory Pinder joined J-D on April 19, 2004, as a loader operator. A talented operator, he can be trusted to perform the work properly and be cognizant of things around him. Once he knows the plan, he knows how to organize the jobsite. He also takes great pride in his equipment, is dependable, and works whenever needed. We appreciate you!

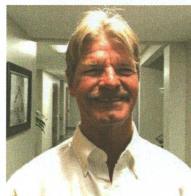
**DAVID RICHARDS
10 YEARS**



Hired by J-D on August 4, 2009, Dave Richards has demonstrated himself to be a methodical, trustworthy, and resourceful mainline foreman. He spends a lot of time planning ahead and consistently leaves minimal if any punchout work for others to complete after he

leaves a project. Dave cares about every aspect of his work and knows how to build projects with little or no supervision. Thanks!

**NORMAN WEAVER
10 YEARS**



A highly-respected superintendent, Norm Weaver has worked for J-D since December 28, 2009. Exceptional with utilities, Norm is also meticulous, always professional, and takes great pride in his work. He works independently and has the respect of the municipalities with which he works. Congratulations, Norm, and thank you for all you do for us!

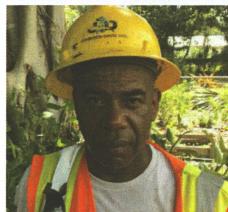
**PIERRE ADOLPHE
5 YEARS**



Pierre Adolphe was hired at J-D on November 18, 2014, as a Mechanic. His strong diagnostic and repair skills on autos/trucks led to his transition into heavy work. He is now a field mechanic and continues to grow. A team player, Pierre also works well independently. Thanks, Pierre!

Employee Seniority Recognition Continued

**JUAN CABRERA
QUINTERO
5 YEARS**



Juan Cabrera Quintero is celebrating five years of service. He began his career with J-D on September 10, 2014, as a skilled laborer. Juan is known to be a very hard worker and dependable. He is also willing to do anything he is asked. We appreciate your service, Juan!

**PABLO FERNANDEZ
VARGAS
5 YEARS**



Pablo Fernandez Vargas returned to J-D on January 2, 2014. He is a mainline foreman whose organizational skills make his superintendents' jobs easier. He is very knowledgeable on how to construct our work and can manage any type of project. He represents J-D well with customers, inspectors, and the public. We appreciate all that you do for us, Pablo!

**JOSE FRANCO
5 YEARS**



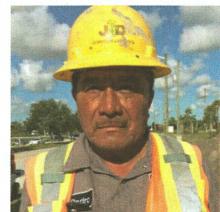
On August 22, 2014, Jose Franco started working at J-D as a skilled laborer. Two years later, he stepped up to run a loader when we needed him. Since then, his skills operating the loader have continued to grow. Congratulations on reaching this milestone, Jose, and thank you!

**ELOY MORALES
5 YEARS**



Eloy Morales began working at J-D on July 8, 2014. At that time he was a tailman for us, and in 2015 he became a loader operator. Eloy will help his crew in any way that he can including getting in the trench or helping mix mud. He is a hard worker, has an enthusiastic personality, and people enjoy working with him. We are glad to have you on the team, Eloy!

**PEDRO MORALES
HERNANDEZ
5 YEARS**



Pedro Morales Hernandez started at J-D on January 15, 2014. He worked briefly as a tailman and quickly moved into the pipelayer role. Today he works on all types of projects. He is pleasant, hardworking, knowledgeable, and demonstrates dedication to the job. We appreciate all that you do for us, Pedro!

**ROBERT SHAPIRO
5 YEARS**



Robert Shapiro was hired October 24, 2014, as an unskilled laborer. He has a good attitude and works to gain new skills. In five short years, he quickly earned promotions to skilled laborer, tailman, and most recently loader operator. He is pleasant to work with and continues to learn and grow. Congratulations on this milestone, Robert!

Egnoce "Eggnog" Es-
time retired in April 2019
after a combined almost
20 years with J-D. He has
worked as a pipelayer and
tailman on both mainlines
and punchout crews.

Eggnog will be spending
his time giving back to the
church and his communities
both in south Florida
and in Haiti.
Happy retirement!



Johnson-Davis is proud to be a winner of the National Utility Contractors Association Top Jobs competition. NUCA recognizes outstanding projects that exhibit innovative solutions to challenging obstacles while producing the highest quality results.

Johnson-Davis won the 2018 award for Water Distribution for our Margate Aerial Crossings project. Congratulations and thank you to everyone who helped us achieve this accomplishment, especially Foremen Wisler Dort and Sergio D Filipone and their crews, Superintendent Joe Bagford, and Project Manager Rob Lima.



Foreman Rich Heller III married Elizabeth on January 19, 2019, in Costa Rica. Congratulations to their entire family, including proud Dad / Johnson-Davis Project Manager **Rich Heller Jr.**

Safety Scoop: Using Leadership Principles in Safety

By: Andy Thomson,
Safety Director

If you have been paying attention to the series of articles that appear in my section of the newsletter, you should be able to follow the psychological progression of our safety program's intended direction.

The work of any Safety Director involves a constant assessment of not only the risks that we face daily, but also the current position of our program elements and the intended "course corrections" that are necessary to strengthen the future of our program.

We have made some difficult strides in accountability and responsibility and will continue with more of the same over the coming months. Additionally, we have identified a need to create overlapping areas of accountability for safety and safe work activities at different leadership levels where it was previously less well defined.

The intent of creating well-defined responsibility and accountability is to help establish

leadership roles regarding safety that close the gaps that allow injuries to occur.

President Teddy Roosevelt once said, "*big jobs usually go to the men (or women) who prove their ability to outgrow the small ones*". Nothing could be truer. This is a great quote that captures the essence of leadership not only in safety, but in every aspect of our work and personal lives. Leaders recognize that forward is the preferred direction in all things, form is as important as function, and that we can never avoid doing the difficult tasks that will keep us moving forward.

Safety leaders also recognize that stewardship is an integral part of the process that moves people safely from one day to the next without being injured. Stewardship is the process of mentoring others on how to perform well in safety related activities, allowing students of the process to lead the way, and guiding them in making the best possible decisions. The mentor allows for

mistakes to be made, but never so grave a mistake that an injury can occur. After seeing successful decisions made many times in a variety of different circumstances, those same personnel have proven their ability to "outgrow the smaller jobs" and are ready to move on.

Learning how to install a water, sewer, or drainage system is only part of our work. There are many sides to everything that we do, and all of them are important. The sum of what we do, how we do it, and building a reputation for safety, quality, and integrity along the way are all a part of our individual and collective growth processes.

There is always more to do regarding safety. We can never sit still with our safety program and its related activities. A culture of safety is evolutionary, constantly growing and changing. We are industrious people here at J-D, constantly working, moving, teaching, growing, learning, and improving – constantly moving forward – together, the J-D way!



Project Spotlight: SR-713

By: Matt Crist,
Project Manager

The SR-713 / Kings Highway Widening project was awarded to Halley Engineering Contractors Inc. on June 12, 2018, and work began on the project on September 17, 2018. Johnson-Davis mobilized our crews at the beginning of 2019.

The overall project includes:

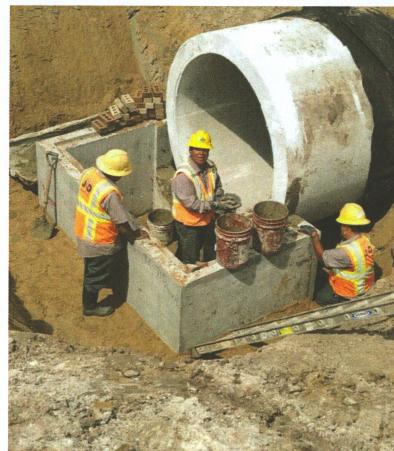
- Widening the existing two lane roadway into a four lane divided highway with dedicated left turn lanes,
- Relocating an existing canal into a new box culvert and new canal to the west to accommodate the widening and realignment,
- Excavating retention ponds
- Installing drainage structures and pipes,
- Installing new signalization,
- Constructing a new Intelligent Transportation System (ITS), and
- Constructing a shared-use path on the west side of the roadway for bicycles and pedestrians.



The total project length is 3.417 miles with a total contract time of 1355 days (3 years and 9 months).

Johnson-Davis' scope of work includes 1,250 lf of 10'x10' box culvert, 28,121 lf of drainage pipe which is a mix of HP polypropylene pipe and reinforced

concrete pipe (for larger pipe and elliptical pipe), 182 drainage structures, mitered end sections, end walls, rubble rip rap, temporary drainage, and removal of existing drainage. This is



site, we immediately started work on the box culvert. Precast box culvert segment lengths were optimized during the submittal process to minimize the number of joints while still allowing our large excavator and loader to pick and place the 44,000 pound segments.

The reduction in the number of segments was planned to allow us a planned production rate of four segments per day.

Throughout the job site, the backfill materials contain a significant amount of clay/marl which retains water and makes it difficult to achieve densities. This had limited our production rates to one to two segments of box culvert per shift instead of the planned production of four segments per shift. With a substitution of an



all to be completed within 700 crew days.

Upon mobilization to the

Project Spotlight continued

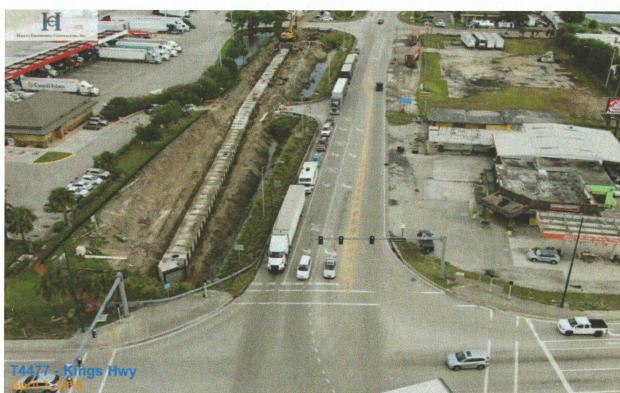
imported backfill material, our production rates immediately climbed to four to six segments per day.

Further challenges include the fact that the new box culvert is bordered on one side by an existing canal and on the other side by the right-of-way, which limits the access for the culvert to one way in and one way out. This requires significant coordination to remove the excavated materials, bring in the bedding stone, bring in the box culvert, and then bring in the backfill materials. To compound the issue, the only access is across a very busy entrance to a Pilot truck stop, therefore requiring a full-time flag person for safety reasons.

Creating access for the box culvert also narrowed the canal, which creates a potential for erosion. The FDOT and

South Florida Water Management District recently requested that we line the banks with plastic to limit the amount of scour and therefore turbidity in the canal.

Other crews have been working on the drainage pipe and structures for the mainline roadway at the same time that the work is being done on the box culvert. This work encompasses deep cross drains for the outfalls from ponds on the east side of the roadway to the canal on the west side of the roadway. The trunk line runs north/south, is shallower than the cross drains, and drains the roadway stormwater into the ponds. Use of dewatering sock in lieu of well-points has increased our production rates through this area and provided drier material for backfilling.



Additional challenges include utility relocations happening concurrently with our work, including power poles, water, sewer, and gas underground utilities. There is also the possibility of our crews to relocate the water and sewer facilities at the north end of the project for Fort Pierce Utilities Authority.

Crews on the project have included those of Foremen Pablo Fernandez Vargas, Sergio D. Filipone, Wisler Dort, David Richards, Odilon Hernandez, and David Reid. It is anticipated that most crews will work on the project at one point or another, so this project will truly be a Johnson-Davis effort.



OWNER:
FDOT

ENGINEER:
BCC Engineering, Inc.

PRIME CONTRACTOR:
Halley Engineering Contractors

PROJECT MANAGER:
Matt Crist

SUPERINTENDENT:
Tom Linsley

ESTIMATOR:
Chris Johnson

MAJOR SUBCONTRACTORS AND SUPPLIERS:

Box Culverts: Mack Concrete
Drainage Boxes: ACI Precast

RCP: Rinker Pipe

HP Pipe: Ferguson/ADS

Rip Rap: Lake Point Restoration

Bedding Stone: Titan Materials

Concrete: Cemex

Metal Pipe: Contech

CIP Headwalls: Mosley & Sons

Hauling: Brevard Trucking

Video & Laser Profile: B & D Enterprises

CONSTRUCT WITH CONFIDENCE

Page 9





Johnson-Davis Inc. Scholarship Recipients

Johnson-Davis proudly supports our employees' children as they attend college and trade schools. This year, six students were awarded scholarships. We look forward to seeing all that they accomplish.



Kyle Cartales, the son of late General Superintendent **Phil Cartales**, earned a J-D scholarship

for all four years of his studies at Valparaiso University. He is pre-med, double-majoring in chemistry and biology, and is his school's starting Running Back. After graduation he will attend medical school.



Jacob Ernest, son of Superintendent **Robert Earnest**, will study business finance at the University of North Florida on his path to becoming a

financial advisor. He is in the National Honor Society and enjoys playing sports.



Mariela Gonzalez Vargas, will be a freshman at Palm Beach State College in the fall. There she will study nursing, something she has wanted to do since she was quite young. Mariela is the daughter of Tailman **Rafael Gonzalez Dominguez**.



Three-time J-D scholarship award winner **Dellisa Lewis** is starting

her junior year at Bethune-Cookman University. The daughter of Backhoe Operator **Delroy Lewis**, Dellisa is studying psychology. She plans to attend graduate school and become a fore-

sic psychologist.



Zion Molina, son of Crew Leader **Moises Molina**, will study biology on

his way to becoming a physical therapist. A new high school graduate, Zion has taken enough Advanced Placement and Dual Enrollment courses to start as a sophomore at the University of Florida. He also volunteers in his community.



Centari Rodriguez, son of Crew Leader **Moises Molina**, is a two-time J-D Scholarship recipi-

ent. He is studying architecture at Florida Atlantic University where he will be a sophomore and is involved in the American Institute of Architecture Students. He also has a Black Belt.



Kudos Korner



Congratulations to these employees for earning promotions:

- Pierre Adolphe to Field Mechanic
- Laterrance Banks to Pipe-layer
- Walter Castanon to Tailman
- Humberto Gil Vazquez to Crew Leader

■ Agustin Guerrero Oseguera to Backhoe Operator

■ Luis Joel Hernandez Vilanueva to Tailman

■ Nick Johnson to Loader Operator

■ Kenol Saint Pierre to Tailman

■ Mickerlange Telismond to Tailman

■ Jorge Torres Garcia to Tailman

Scott Barker, Terry Gayle, and Lorenzo Hayes completed a 2019 Intelligent Braking Systems class. Way to go!

CANstruction

To support the Palm Beach County Food Bank in its mission to CANstruct a World Without Hunger, J-D participated in a unique design-build competition called CANstruction.

The event is a competition and two-week art exhibition at the Gardens Mall designed to bring awareness to food scarcity in the community. Our local CANstruction collected more than 40,000 cans of food which will be distributed locally.

We partnered with our friends at Chen Moore and Associates (CMA) to design and construct our 10-foot sculpture which was ultimately made from 6,808 cans and 600 bottles. We are grateful for all of CMA's contributions and would especially like to thank Cris Betancourt, Stefan Bortak, Jennifer Cook, Suzanne Dombrowski, and Brent Whifford for making this project such a success.

This was truly a team effort at J-D. Thank you to everyone who contributed:

Scott Barker, Roy Brown, Dawn Celona, Clark Cryer, Leonard Dennis, James Galvin, Terry Gayle, Gene Gardner, Humberto Gil Vazquez and Araseli Rodrigues, Lorenzo Hayes, Briana and Rich Heller Jr, Bob Hopler, Nichole Jackson, Scott Johnson, Rob and Beatriz Lima and Camilia Xavier, Michael Llewellyn, Edric Martin, Derrick Polite, Marco Vazquez, and Dennis Wheelin.

We also wish to thank all of our CANtributors (listed to right) without whom this would not have been possible.



THANK YOU to our donors:

Gold CANtributors

- Dobbs Equipment
- Rangeline Group

Silver CANtributors

- Culpepper Plumbing
- Kelly Tractor Company
- Palmdale Oil Company
- Port Consolidated
- Source 1 Purchasing
- Trench Plate Rental Co

Bronze CANtributors

- ACME Barricades
- ACF Environmental
- Boulevard Tire Center
- Callaghan Tire
- Crowe Horwath
- CSR Heavy Construction
- Florida Coast Equipment
- GTI Industries
- Johnson Financial Group
- Law Office of Daniel Te Young, PA
- Miller Wealth Advisors
- NMS Management Services
- The Gehring Group
- Utility Supply Associates
- Westwind Contracting

Some Current and Upcoming Projects

Job #	Project	Prime Contractor	Owner	Start Date
21570	N-29A Canal Connector	Johnson-Davis Inc.	Central Broward Water Control District	April 2019
61583	Belle Glade Watermain Relocation	Johnson-Davis Inc.	Florida Power & Light	June 2019
41594	Kanner Highway E4T09	Ranger Construction Ind.	FDOT	June 2019
31611	Clematis St Block 100-200	Burkhardt Construction	City of West Palm Beach	June 2019
11612	Central Boulevard Valve Replacement	Johnson-Davis Inc.	Town of Jupiter	July 2019



JOHNSON-DAVIS INC.

Construct with Confidence



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Ft Pierce, FL 34945
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Fax (772) 468-9202



140th Avenue North Water Services: Odi Hernandez and crew dewatering for installation of a water line across 140th Avenue North in Loxahatchee for the Palm Beach County Water Utilities Department.

Thank you to this edition's contributors: Joe Bagford, Matt Crist, Leonard Dennis, Robert Ernest, Rich Heller Jr, Bob Hopler, Doug Ipolito, Nichole Jackson, Edwin Jacobs, Tom Linsley, Edric Martin, Andy Thomson, and Norm Weaver.



45th Street Beautification Project: Installation of 54" to 84" RCP and ERCP within an existing canal for nearly one mile. The crews of Rene Hernandez, Dave Richards, and Ari Thelisnort have been working on this project for Indian River County. We are also responsible for the watermain installation and directional boring.



Private Marina in the City of Riviera Beach: Rich Heller III's crew installing a gravity sewer line that is under an ACO trench drain.

Lake Worth District 3 WO #6: Wisler Dort's crew worked in tight quarters and were required to keep the street open for traffic while installing drainage on Duke Drive in the City of Lake Worth for J.W. Cheatham.

