



Engineering Inspired Design

KEITH CONNECTS

THE OFFICIAL NEWSLETTER

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#KEITHteam



Alex Lazowick, PE, PMP, ENV SP
President

STATE OF THE TRANSPORTATION INDUSTRY

We are excited to share with you the latest developments in the transportation industry in sunny Florida. With a projected growth rate of 600 people every day over the next 30 years, it is more important than ever to have a transportation infrastructure that can meet the needs of current and future residents and visitors.

Year	Population	Visitors	FDOT Budget
2016	20,800,000	112,800,000	\$9,300,000,000
2017	21,100,000	118,500,000	\$9,100,000,000
2018	21,380,000	126,600,000	\$9,500,000,000
2019	21,400,000	86,700,000	\$9,900,000,000
2020	21,500,000	86,700,000	\$9,900,000,000
2021	21,500,000	121,900,000	\$10,100,000,000
2022	22,000,000	137,600,000	\$12,600,000,000
2023	22,250,000	150,000,000	\$14,700,000,000

At KEITH, we are proud to be part of this exciting time in the transportation industry, and we want to express a big thank you to the Florida Department of Transportation (FDOT) for their unwavering commitment to improving the transportation network of the state. Working with FDOT to improve the infrastructure, functionality, viability, and aesthetic of our roads has been a great honor.

The FDOT Work Program is playing a critical role in addressing the transportation needs of Florida by helping to relieve congestion, enhance safety, facilitate trade, promote economic growth, and provide a more resilient transportation infrastructure. We believe that transportation projects are essential to ensuring that Florida remains a thriving, connected, and livable state for generations to come.

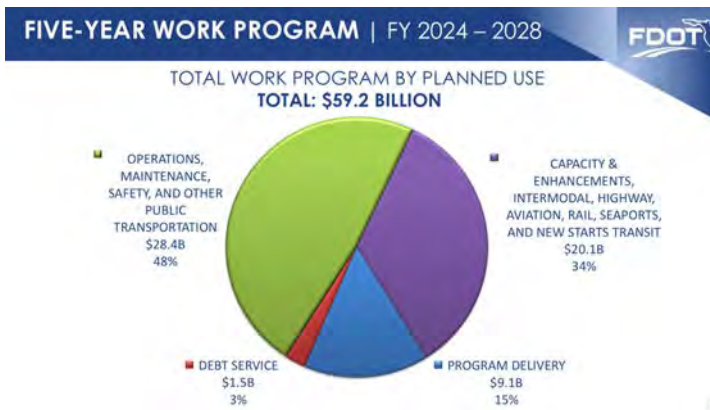
improve mobility, and make it easier for the transportation of goods, resulting in increased economic activity and job creation.

The Moving Florida Forward infrastructure initiative, announced by Governor DeSantis on January 30, 2023, is a bold and historic proposal that will invest \$7 billion to prioritize 20 critical infrastructure projects in the existing FDOT Five-Year Work Program. This initiative will directly and immediately address congestion relief and perpetual safety on roadways, support resiliency in existing and future projects, and maintain FDOT as a national leader in transportation technology, all while supporting a robust and active supply chain.

We are thrilled to be a part of this exciting time in the transportation industry in Florida, and we look forward to working with FDOT to improve the transportation infrastructure of the state. With the commitment of FDOT and its partners, we can expect a transportation infrastructure that will be resilient, efficient, and safe, supporting economic growth and enhancing the quality of life for all Floridians.

Once again, we want to extend our sincerest appreciation to FDOT for their partnership and hard work to make transportation in Florida better for everyone.

Alex Lazowick, PE, PMP, ENV SP
President



FDOT projects bring life and energy into infrastructure, creating jobs, and attracting businesses to the state. By improving transportation options, FDOT improvement projects help reduce congestion,



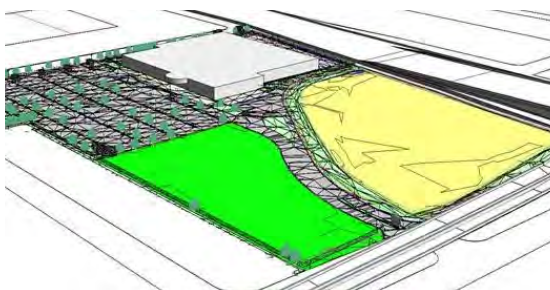
JACKSON HEALTH WEST

Doral, Florida

On behalf of Jackson Health Systems, KEITH was the surveyor, civil engineer, planner, and landscape architect providing complete design through construction administration services. The project consisted of developing a new, multi-phased, 27-acre, world-class regional medical campus within the City of Doral.

The initial phase of development included a 215,000 SF, 100-bed hospital, a 500-car parking garage, and a 60,000 SF medical office building (ambulatory clinic). The project included complete site development, paving, grading, stormwater management system, potable water, sanitary sewer systems (including design of a new sanitary sewer gravity collection line and 12-inch water main extension exceeding 2,500 LF), pavement marking, signage, as well as off-site improvements including sidewalks and turn lanes.

The project was constructed to achieve LEED Silver designation, and the onsite 8-acre lake with wetlands was preserved and enhanced.





ELYPS

Fort Lauderdale, Florida

Now open and available for rent! Perfect placement offering the ideal work/life balance. Enjoy commuting with ease throughout the tri-county area, and then after a long day, ELYPS offers a much-needed change of direction; a luxurious and comfortable retreat wrapping you in the perfect balance of form and function.

At eight stories and only 140 residences, with five carefully crafted floorplans, there's nothing quite like ELYPS; the water, the neighborhood, the amenities, the convenience. It's the perfect place to embrace modern surroundings and a view of paradise. KEITH provided civil engineering, geospatial, and planning services for this project.

Visit www.elypsliving.com for more information.



SUBSURFACE UTILITY ENGINEERING

There are 35 million miles of buried utilities in the US compared to 2.5 million miles of paved roads. Every year over 500,000 strikes occur on these utilities. When they are damaged, power outages occur, traffic is disrupted, gaseous substances are released in the air and in worst-case scenarios, injuries and loss of life result. According to the American Society of Civil Engineers (ASCE) 2017 Infrastructure Report, US infrastructure was rated a D+ overall, with dams, roads, and energy scoring some of the lowest grades. The US government estimates it will cost nearly \$2 Trillion over the next 10 years to make the US system adequate to meet demands.

Underground utilities are the veins and arteries of our cities. The inability to obtain reliable underground utility information has long-been a troublesome problem for designers. FDOT and local municipalities use KEITH to identify the quality of subsurface utility information needed for engineering plans and to acquire and manage that level of information during development of projects. This engineering practice is known as Subsurface Utility Engineering (SUE). SUE is an engineering practice that makes it possible to identify the location of buried utilities more accurately within a project area. This provides a foundation for decision-making, allowing a designer to make important decisions related to utility coordination, utility accommodation, and utility relocation at the onset of a project.

The SUE process combines civil engineering, surveying, and geophysics and has been used by state transportation departments, local highway agencies, utility companies, and highway design consultants for many years. SUE utilizes several technologies including vacuum excavation and surface geophysics. KEITH performs these tasks and works closely with the project owner; most effectively utilized when coordinated in conjunction with KEITH's utility coordination services.

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Simply put, SUE reduces project risks and eliminates surprises at later stages of a project.
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We always hear the term “SUE Quality Levels”. They play a substantial role on every project. Quality levels may be thought of as degrees of risk, or how much information is really needed to adequately design and construct a project. Plans typically contain disclaimers as to the accuracy of the utility information. The use of quality levels allows project owners to decide what quality level of information they want to apply to their risk management challenge and to certify a certain level of accuracy and comprehensiveness has been provided. There are four recognized quality levels of underground utility information ranging from Quality Level (QL) D (the lowest level) to Quality Level A (the highest level).

Subsurface Utility Engineering is not confined to highways. It can be an invaluable asset at airports, rail and transit projects, building construction, sanitation, and any other public works project where underground utilities may be encountered. Properly locating and identifying subsurface utilities is essential to the success and safety of any project. And we, at KEITH, are here to help with expertise and the latest technologies to make your projects safe and successful.



MARK MITCHELL
Director of
Subsurface Utility Engineering



KEITH TALKS Broward

REGISTRATION NOW OPEN!

KEITH Talks Broward is returning to our Pompano Beach Headquarters on Thursday, March 9th from 5:30-7:30pm.

Moderated by KEITH CEO, Dodie Keith-Lazowick, KEITH Talks Broward will bring together a forum of industry experts discussing current market trends, challenges, upcoming development, events in Broward County, and so much more.

KEITH Talks is a free event that creates a meaningful environment to share knowledge and insight, provides an opportunity for an up-close and personal discussion with industry professionals, as well as networking opportunities both before and after the panel discussion. Light refreshments will be served.

Panelists include:



LAMAR FISHER
Mayor
BROWARD COUNTY



SURIA YAFFAR
Partner and Director of Design
ZYSCOVICH



GREG CHAVARRIA
City Manager
CITY OF FORT LAUDERDALE



JENNI MOREJON
President and CEO
FORT LAUDERDALE DDA



NANCY ROBIN
CEO
HABITAT FOR HUMANITY BROWARD



ALEX LAZOWICK
President
KEITH

Space is limited and seats are filling fast! Please RSVP with the QR code below.



KEITH'S MISSION:
TO CREATE, EXPAND UPON, PRESERVE, AND ENHANCE OUR COMMUNITIES.



Fort Lauderdale Aquatic Center Grand Opening



Safe Streets Summit



University of Florida Career Fair



Port Everglades Association: Preparing for a Thriving 2023



Pompano Christian Clergy Council Breakfast and Awards Ceremony



FDOT District 5 ASHE RMTCTour

CREATING
COMMUNITY



KEITH HOLIDAY PARTY

RECENT ACHIEVEMENTS

KEITH is proud to have been recently selected for the following contracts:



CITY OF TAMPA

Continuing Services Contract



BROWARD HEALTH

Continuing Services Contract



FDOT D4

CSC for Surveying and Mapping



CENTRAL FLORIDA EXPRESSWAY

SR 534 Segment 2A



FDOT D4

SR 9/1-95 Kanner to Martin CL



BCWWS

Continuing Services Contract

AWARD NEWS

Everglades Holiday Park, located in Unincorporated Broward County, was recently awarded the ASCE Broward Chapter Project of the Year, as well as the ACEC Florida Engineering Excellence Award in the Special Project category.

Congratulations to the entire team on these prestigious recognitions!



STAY UP-TO-DATE

