

FDOT Newsletter

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Volume 63



SUPPORTIVE SERVICES

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- Building Capacity
- Mobilization Financing
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ICYMI: FDOT Projects Receive Recognition from American Council of Engineering Companies of Florida

Today, the Florida Department of Transportation received Outstanding Project Awards from the American Council of Engineering Companies of Florida (ACEC-FL) for seven projects throughout the state. Each year, the ACEC-FL, an affiliate of the Florida Engineering Society's (FES) Professional Engineers in Private Practice (PEPP), recognizes outstanding achievements by its member firms in accomplishing Florida transportation projects.

"Despite the past year's challenges, FDOT has continued to deliver significant roadway options and solutions to Florida motorists and taxpayers through collaborative innovations. When we leverage partnerships and expand options for Floridians, we improve the quality of life for the community, said Florida Department of Transportation Secretary Kevin J. Thibault, P.E. "I applaud our teams for these distinctive awards as they are a direct reflection of FDOT's commitment to providing safe and reliable infrastructure for Floridians for years to come." The FDOT projects chosen as the winning projects for the ACEC-FL Outstanding Project Awards are:

- Outstanding Major Project: I-95 Interchange at Ellis Road/ St. Johns Heritage Parkway
- Outstanding Design Build: Crosstown Parkway Extension
- Outstanding Roadway Project: SR 542 from 1st Street to Buckeye Loop Road

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5 Key Metrics That Make or Break Your Company

You can't operate a jobsite without equipment. For many heavy civil construction companies, it's the most significant asset they own. Therefore, it can have a profound impact on your bottom line. While there are many fleet performance metrics to manage to keep a fleet productive and healthy, the following are five key metrics and definitions below directly impact the bottom line. Read on to find out how.

1. Utilization

Definition: A measure of use of a machine unit or a class of machines, i.e., 40 hours/week equates to 2,000 hours/year. If that is the maximum time of usage, that becomes 100% utilization.

Equipment is one of the most significant assets of any heavy civil construction company. It's not uncommon to have a million dollars worth of equipment on a \$150,000 job, for example. So, every fleet manager wants to make sure they utilize each of those assets to their fullest potential. Utilization also becomes a key data point in determining equipment rates, so it must be accurate.

Comparing "charged time" to a job, entered by field personnel, with "actual machine-hours," from telematics or manually entered, can help you determine how your fleet is doing. You'll want to set utilization target expectations for each equipment class, i.e., midsize excavators may be 1,300 hours/year (65%), while asphalt machines maybe 1,900 hours/year (95%). The better utilization rates you can achieve, the less equipment sits around idle, costing you money. And that means more profit for your company.

Technology can track the charged time from the field and show you which pieces and equipment classes are underutilized in your fleet. Telematics devices track the movement of your fleet and actual machine hours of usage.

2. Equipment Rates

Definition: A rate set to use a piece of equipment — a dollar amount per specified time period.

About The FDOT

The goal of the DBE Supportive Services Program is to increase the number of DBEs participating on FDOT contracts and facilitate the opportunity for DBEs to obtain contracts. The services are designed to:

- Assist established construction firms to move them from bidding as a subcontractor to bidding as a Prime Contractor to produce sound bids.
- Provide access to training increases DBE expertise in handling of daily business operations.



CEI DBE Supportive Services

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