

# NEEDS OF THE PROJECT

**PURPOSE** - To add capacity to meet future transportation demand (Year 2040), improve travel time reliability and to provide long-term mobility options. The project includes operational, capacity and safety enhancements at the US 441 (SR 7), Lyons Road and Florida's Turnpike (SR 91) interchanges and Powerline Road intersection.

38-63% increase in traffic from year 2014 to 2040

## Corridor Traffic Demand

- South of US 441: 38% Increase
- East of Florida's Turnpike: 63% Increase

Collisions due to tight spacing and constant stop-and-go

## Safety

- Congestion will lead to increase in accidents.

Additional lanes are needed by the year 2020

## Corridor Capacity Needs

- South of US 441: 1 new lane by 2020.
- US 441 to Lyons Road: 1 new lane by 2020 and 2 new lanes by 2039.
- Lyons Road to Florida's Turnpike: 2 new lanes by 2020 and 3 lanes by 2035.
- Florida's Turnpike to Powerline Road: 1 new lane by 2023.
- Interchange Improvements.

## Transit Operations

- Existing congestion impacts transit operations
- Express Lanes provide opportunities for transit expansions

Impacting transit operations

Speeds drop to 20-50 MPH



## Travel Time Reliability

- Speeds drop to 20-50 MPH during peak periods.

20 MPH

Missing link for continuous express lanes service

## Population Growth

- Broward County population will increase by 12% between 2010 and 2040.
- Population of surrounding cities will grow between 11% and 21%.



2010



2040

Increase in population will result in increased traffic

## System Linkage

- This project provides continuous express lanes along the Sawgrass Expressway and connects with the future Florida's Turnpike express lanes.

## Emergency Evacuation

- This corridor is critical during emergency evacuation periods.

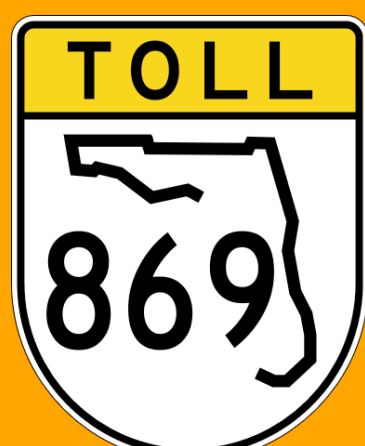
Part of emergency evacuation route



## Long-Term Mobility

- Residents and workers in the area will face severe congestion affecting their economic viability and quality of life.
- Congestion will lead to increase in accidents.

Severe congestion affects economy of the cities



# SAWGRASS EXPRESSWAY

## PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY

### SAWGRASS EXPRESSWAY (SR 869) WIDENING

FROM SOUTH OF US 441 (SR 7) TO POWERLINE ROAD (SR 845)

MILEPOST 18.0-22.0

FINANCIAL PROJECT ID NUMBER: 437153-1-22-01

Public Kick-off Meeting  
Fort Lauderdale Marriott Coral Springs Hotel  
11775 Heron Bay Boulevard  
Coral Springs, Florida 33076  
Tuesday, November 15, 2016  
5:30 PM - 7:30 PM

