### **US 1 EXPRESS LANES**

### PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

In the spring of 2011, the Miami-Dade Expressway Authority (MDX) initiated a Project Development and Environment (PD&E) Study in coordination with Miami-Dade Transit (MDT) and the Florida Department of Transportation (FDOT), to evaluate the feasibility of express or managed lanes in the South Dade Busway incorporating infrastructure modifications to allow private vehicles to use the excess capacity of the Busway by paying a toll, easing the congestion on the parallel US 1 Corridor and enhancing transit service and safety.

#### WHAT IS THE TIER 1 PROCESS?

Due to the length of the corridor, and the many variables for evaluation, a tiered analysis process is being conducted for the study. The Tier 1 analysis includes considerations as to the logical beginning and end points for a managed lane facility, the number of lanes, and the number of overpasses based on a travel market analysis, anticipated traffic demand and toll sensitivity. The purpose of the Tier 1 Workshop is to present information on the technical analysis conducted and obtain feedback on the key features considered. The Tier 1 analysis would define the starting point for the development of project alternatives that will be presented to the public for selection in the Tier 2 Workshop in the fall of 2012.

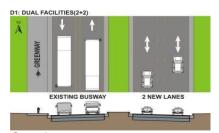
# WHAT ARE THE KEY VARIABLES TO CONSIDER IN THE TIER 1 PROCESS?

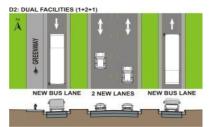
A series of concepts was developed comprised of several key features. Each was examined to determine which best meets the project purpose and need, such as improving mobility, minimizing environmental impacts and controlling project costs.

TIER 1 CONCEPTS	LENGTH	LANES	KEY FEATURES
CONCEPT A	20-mile facility	4 travel lanes for use by private vehicles and buses	45 access points; overpasses at every intersecting street; 45 miles per hour
CONCEPT B	12-mile facility	4 travel lanes for use by private vehicles and buses	7 access points, overpasses at every intersection street; 45 miles per hour
CONCEPT C	12-mile facility	4 travel lanes for use by private vehicles and buses	7 access points, overpasses at every intersection street; 45 miles per hour
CONCEPT D	12-mile facility	4 travel lanes for use by private vehicles and buses	5 access points, overpasses at every intersection street; 45 miles per hour

The following key variables were examined to determine Tier 1 concepts.

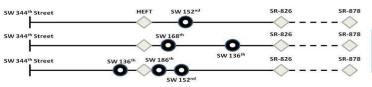
- Length determine where in the corridor additional capacity and potential to generate toll-paying traffic is needed.
- <u>Number of Lanes</u> analyze an increase of the existing two-lane facility by as many as three lanes. This could create up to five lanes of which two could be reversible lanes. Typically all concepts fit within the existing right of way.







- <u>Speed</u> construct overpasses to permit higher travel speeds.
- <u>Toll rates</u> apply variably-priced tolling throughout the day, using rates typical of other MDX facilities rates during the off-peak hours and higher rates during morning and afternoon peak periods.
- Access points and highway-to-highway connections support express, longer distance travel by spacing access points at least two to three miles apart based on land use and roadway patterns. The managed lanes would connect to US 1 and could also connect to the Homestead Extension of Florida's Turnpike and SR 826/Palmetto Expressway. Several access point combinations are possible.





US 1 EXPRESS LANES PD&E STUDY AREA MAR

## WHAT ARE THE NEXT STEPS?

Those concepts developed at the Tier 1 analysis plus the input received at this workshop will be further analyzed, developed, and presented at a Tier 2 Alternatives Workshop anticipated for fall of 2012. The Public Hearing will be scheduled in June 2013 and the final Location and Design Concept Acceptance and approval by the Federal Highway Administration are anticipated in November 2013.



**Tier 1 Workshops** 

Date:

Wednesday, May 30, 2012 3:30 p.m. and 6:00 p.m. South Dade Regional Library, 10750 SW 211<sup>th</sup> Street Place:

2<sup>nd</sup> Floor Auditorium, Cutler Bay, Florida

MDX will hold two workshops on the same day, 3:30 p.m. and 6 p.m. Each workshop will begin with a 30-minute open house followed by a presentation. The same materials and information will be provided at each workshop. The public can attend one of the two sessions, whenever is more convenient, to obtain information and ask questions about the PD&E study. For more information, please contact:

Tere Garcia, Public Information Officer US1Express@mdxway.com

Email:

786-277-9292 Telephone:

Esta información está disponible en español en la página web <u>www.mdxway.com.</u> Si necesita más información favor llamar a Tere Garcia al 786-277-9292.

Ou kapab jwenn enfòmayson sa an Kreyòl nan paj enténét nan <u>www.mdxway.com</u>. Si w bezwen plis ransevman, tanpri telefone 305-944-7564.







William M. Lehman MDX Building 3790 NW 21<sup>st</sup> Street Miami, FL 33142

www.mdxway.com



# The same information will be presented at each workshop. Select a time of day best for you!

You are invited to attend one of the

**Tier 1 Workshops** 

Wednesday, May 30, 2012

3:30 - 5:30 p.m. or 6:00 - 8:00 p.m.

**South Dade Regional Library** 

(South Dade Government Center)

2<sup>nd</sup> Floor Auditorium

10750 SW 211<sup>th</sup> Street

Cutler Bay, FL 33189

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this workshop is asked to advise the MDX at least 5 days before the workshop by contacting Ms. Tere Garcia at 786 277-9292. If you are hearing or speech impaired, please contact MDX using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice).