



Transportation & Infrastructure Subcommittee

October 25, 2017
4:00 PM – 6:00 PM
Reed Hall (102 HOB)

Action Packet

Committee Meeting Notice

HOUSE OF REPRESENTATIVES

Transportation & Infrastructure Subcommittee

Start Date and Time: Wednesday, October 25, 2017 04:00 pm
End Date and Time: Wednesday, October 25, 2017 06:00 pm
Location: Reed Hall (102 HOB)
Duration: 2.00 hrs

Consideration of the following bill(s):

HB 205 Transportation Facility Designations by Stark
HB 215 Autocycles by Payne

Update on the implementation of chapter 2017-182, Laws of Florida (CS/HB 1049), relating to Limited Access and Toll Facilities

NOTICE FINALIZED on 10/18/2017 4:07PM by Larson.Lisa

COMMITTEE MEETING REPORT
Transportation & Infrastructure Subcommittee

10/25/2017 4:00PM

Location: Reed Hall (102 HOB)

Summary:

Transportation & Infrastructure Subcommittee

Wednesday October 25, 2017 04:00 pm

HB 205 Favorable

Yeas: 14 Nays: 0

HB 215 Favorable

Yeas: 12 Nays: 2

Committee meeting was reported out: Wednesday, October 25, 2017 6:11PM

COMMITTEE MEETING REPORT
Transportation & Infrastructure Subcommittee
10/25/2017 4:00PM

Location: Reed Hall (102 HOB)

Attendance:

	<i>Present</i>	<i>Absent</i>	<i>Excused</i>
Brad Drake (Chair)	X		
Bryan Avila			X
Robert Cortes	X		
Kimberly Daniels	X		
Michael Grant	X		
Clay Ingram	X		
Kristin Jacobs	X		
Amber Mariano	X		
Mike Miller	X		
Wengay Newton	X		
Bobby Payne	X		
Jackie Toledo	X		
Barbara Watson	X		
Matt Willhite	X		
Jayer Williamson	X		
Totals:	14	0	1

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COMMITTEE MEETING REPORT
Transportation & Infrastructure Subcommittee

10/25/2017 4:00PM

Location: Reed Hall (102 HOB)

HB 205 : Transportation Facility Designations

Favorable

	<i>Yea</i>	<i>Nay</i>	<i>No Vote</i>	<i>Absentee Yea</i>	<i>Absentee Nay</i>
Bryan Avila			X		
Robert Cortes	X				
Kimberly Daniels	X				
Michael Grant	X				
Clay Ingram	X				
Kristin Jacobs	X				
Amber Mariano	X				
Mike Miller	X				
Wengay Newton	X				
Bobby Payne	X				
Jackie Toledo	X				
Barbara Watson	X				
Matt Willhite	X				
Jayer Williamson	X				
Brad Drake (Chair)	X				
Total Yeas: 14		Total Nays: 0			

Committee meeting was reported out: Wednesday, October 25, 2017 6:11PM

COMMITTEE MEETING REPORT
Transportation & Infrastructure Subcommittee

10/25/2017 4:00PM

Location: Reed Hall (102 HOB)

HB 215 : Autocycles

Favorable

	<i>Yea</i>	<i>Nay</i>	<i>No Vote</i>	<i>Absentee Yea</i>	<i>Absentee Nay</i>
Bryan Avila			X		
Robert Cortes	X				
Kimberly Daniels	X				
Michael Grant	X				
Clay Ingram	X				
Kristin Jacobs	X				
Amber Mariano	X				
Mike Miller	X				
Wengay Newton		X			
Bobby Payne	X				
Jackie Toledo	X				
Barbara Watson		X			
Matt Willhite	X				
Jayer Williamson	X				
Brad Drake (Chair)	X				
Total Yeas: 12		Total Nays: 2			

Appearances:

Pitts, Brian - Information Only

Justice-2-Jesus
 Trustee
 1119 Newton Ave. S.
 St. Petersburg FL 33705
 Phone: 727-897-9291

Thompson, James (Lobbyist) - Waive In Support

Polaris
 Lobbyist
 123 S Calhoun St 123 S Calhoun St
 Tallahassee FL 32301
 Phone: (850) 224-9115

Committee meeting was reported out: Wednesday, October 25, 2017 6:11PM

COMMITTEE MEETING REPORT
Transportation & Infrastructure Subcommittee

10/25/2017 4:00PM

Location: Reed Hall (102 HOB)

Presentation/Workshop/Other Business Appearances:

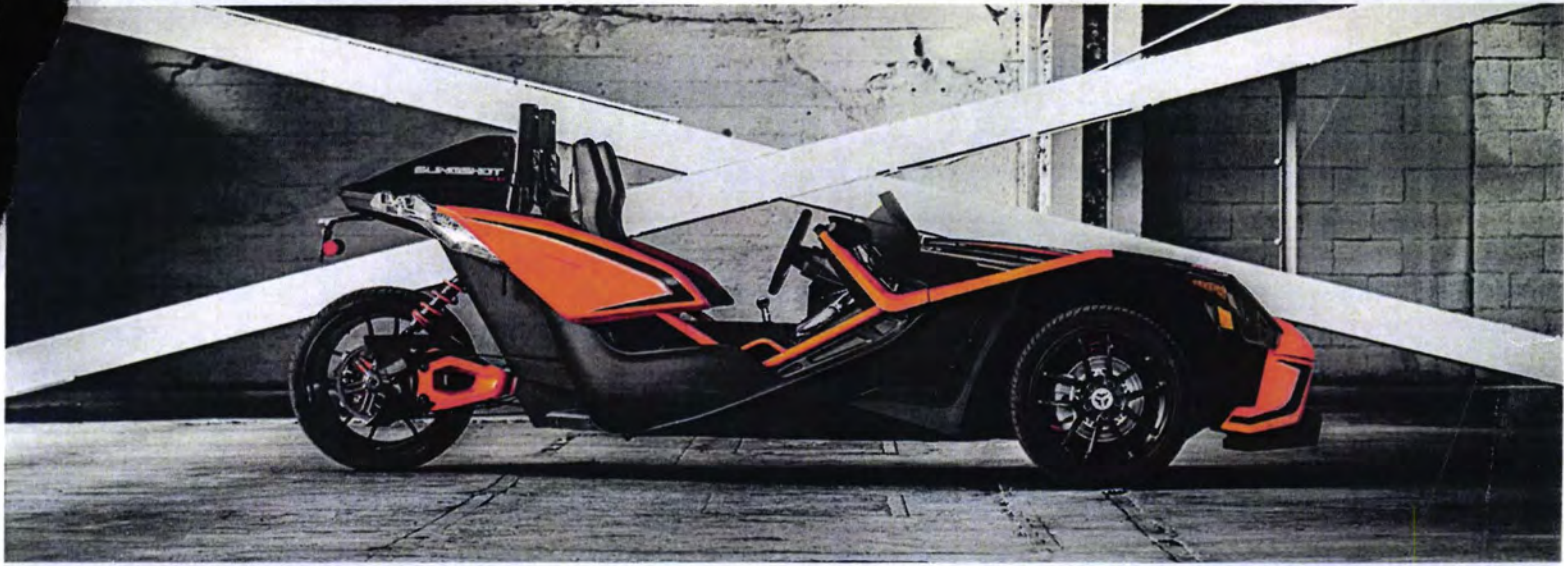
HB 1049 Implementation

Schuessler, Shannan (Lobbyist) (State Employee) - Information Only
Department of Transportation
Chief of Staff
Dept Of Transportation MS 57
Tallahassee FL 32399-0001
Phone: (850) 509-0993

HB 1049 Implementation

Escobar, Bernie (State Employee) - Information Only
Miami Dade Expressway Authority
Director of Intergovernmental Affairs
3790 NW 21st Street
Miami FL
Phone: 305-495-6380

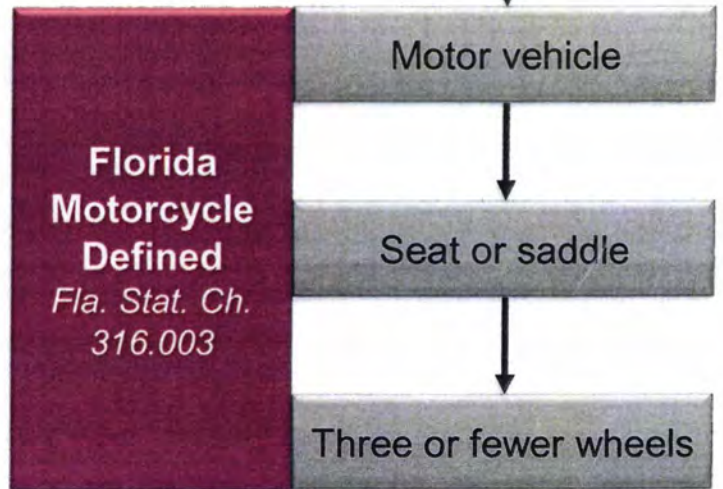
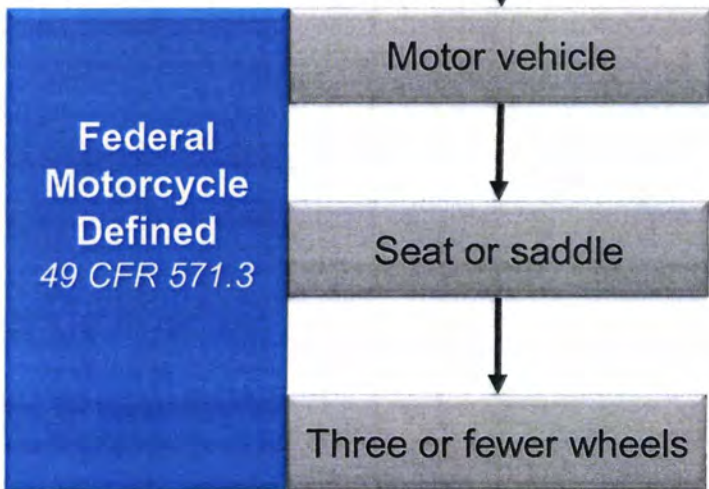
Committee meeting was reported out: Wednesday, October 25, 2017 6:11PM



Autocycle Classification Backgrounder

Testimony in Support of House Bill 215

Why a Autocycle is a Motorcycle

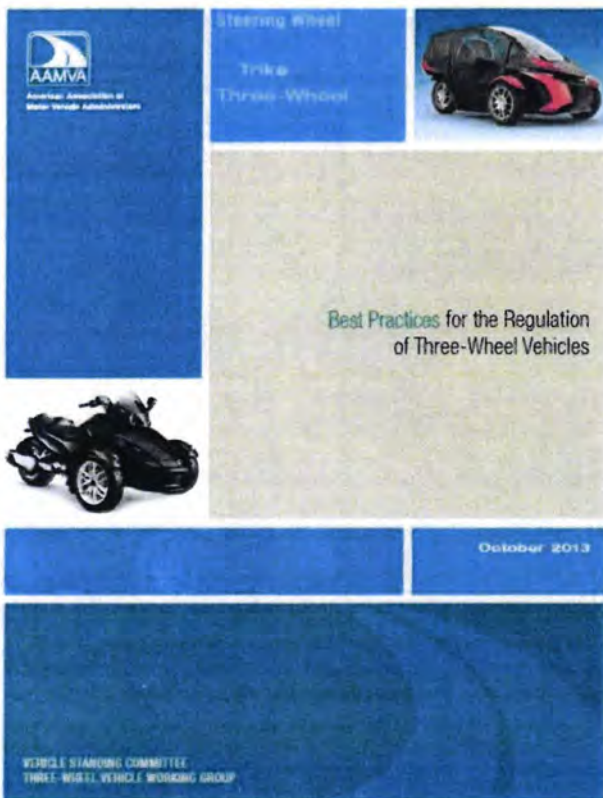


Similar, Flexible Definitions Encourage American Innovation

Subject-Matter Experts Agree

American Association of Motor Vehicle Administrators

Best Practices for the Regulation of Three-Wheel Vehicles



“Most three-wheel vehicles clearly meet the definition of a motorcycle in United States code 49 CFR 571.3(b) and should be regulated as motorcycles”

“Autocycle: A three-wheel motorcycle that has a steering wheel and seating that does not require the operator to straddle or sit astride it”

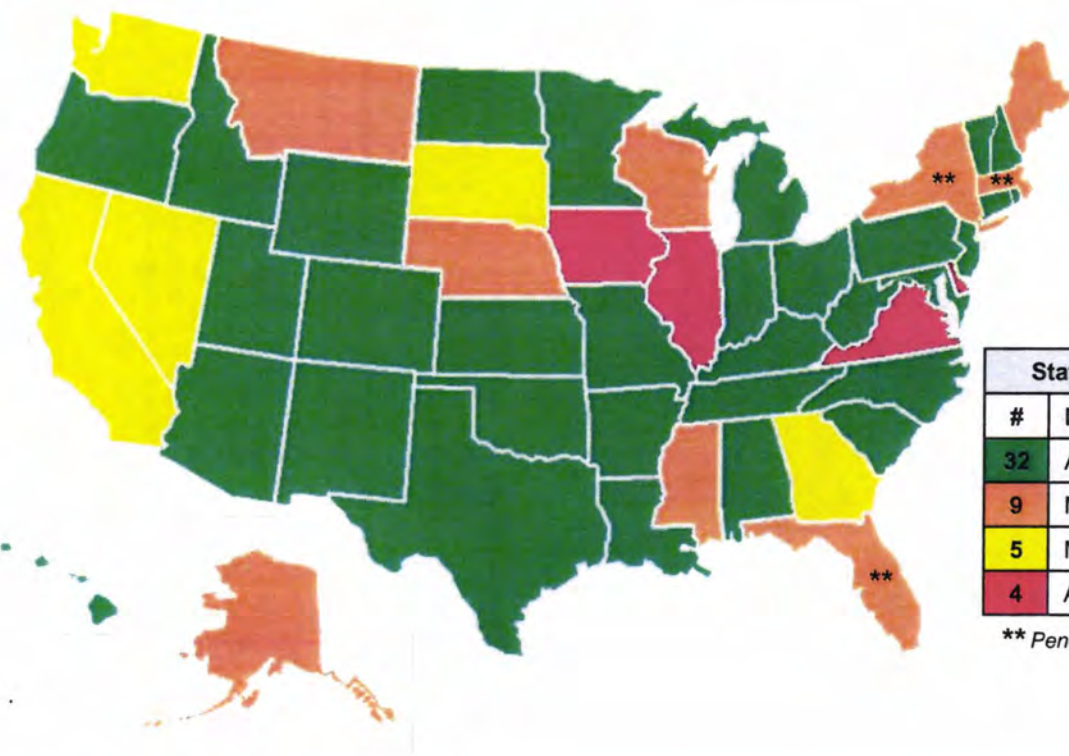
“Create a distinguishing plate alpha/numeric configuration or use a distinguishing feature on the plate to indicate the vehicle is registered as an autocycle”

“Allow operation [of autocycles] with a standard automobile license”

“Prohibit skills testing in autocycles”

Create State Subtype for Some Federally Classified Motorcycles

HB 215 Adopts Best Practices



State Treatment: Slingshot & Operators		
#	Definition	License
32	Autocycle (motorcycle)	Auto
9	Motorcycle	Motorcycle
5	Motorcycle	Auto
4	Autocycle (non-motorcycle)	Auto

** Pending AAMVA-style legislation

As of January 1, 2018

Creates the Least Disruption to State, Businesses & Consumers

Advanced Safety System Design

Vehicle Dynamics Control

Co-developed with Bosch

Controlled by algorithm

Enhances performance & drivability

Highlights advanced safety controls

- Antilock braking system (ABS)
- Power steering
- Traction control
- Stability control
- Electronic brake force distribution
- Drag torque mitigation (rear wheel)

Highly Visible Design



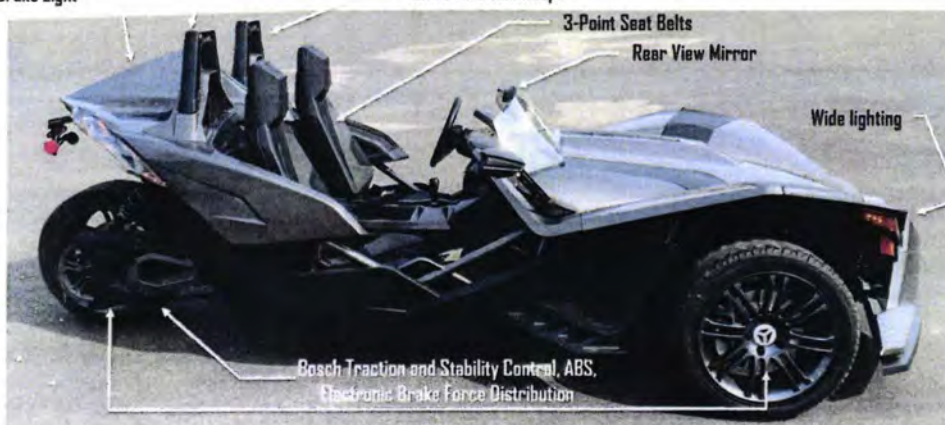
3rd Brake Light

Structural Roll Hoops

3-Point Seat Belts

Rear View Mirror

Wide lighting



Bosch Traction and Stability Control, ABS, Electronic Brake Force Distribution

Stable, Wide 3-Wheel Footprint

A Motorcycle Designed to Assist Operator When Needed

Goals for HB 215

Minimize Regulatory Burden & Support Business

Avoid Federal Law Conflicts

Labeling
Equipment
Rules of origin

Avoid State Law Conflicts

Title & registration
Equipment
License skills testing

Support independent dealers & consumers

Removes barrier to entry
Current owners unaffected





COMMITTEE/SUBCOMMITTEE APPEARANCE RECORD

Please fill out the entire form and submit both copies to the Committee Administrative Assistant at the meeting.

Bill/Amendment selection box with checkboxes and handwritten numbers 215.

Name: BRIAN PITTS

Representing: Justice-2-Jesus

Title: Trustee

Address: 1119 Newton Ave S

City: St. Petersburg State/Zip: FL/33705

Phone Number: Meeting Date: 10/25/2017

Committee/Subcommittee: TIS

Presentation/Workshop Topic:

Registered Lobbyist: YES NO checkboxes. State Employee: YES NO checkboxes.

- I wish to speak
Appearing in response to an inquiry for information made by member, committee, or staff
Appearing in response to subpoena
Appearing at the written request of the chair
Judge or elected officer appearing in official capacity
Lobbyist Appearance form submitted online

(If you are testifying on an amendment, please also indicate your position as a proponent or opponent on the bill as a whole.)

Bill: Proponent Opponent Info only checkboxes. Amendment: Proponent Opponent Info only checkboxes.

W15



COMMITTEE/SUBCOMMITTEE APPEARANCE RECORD

Please fill out the entire form and submit both copies to the Committee Administrative Assistant at the meeting.

Bill Amendment

Bill/PCS/PCB Number: 215

Amendment Number: _____

Name: James Harold Thompson

Representing: Polaris

Title: Lobbyist

Address: 123 S. Calhoun St,

City: Tallahassee State/Zip: FL 32302

Phone Number: 850-545-9556 Meeting Date: 10-25-17

Committee/Subcommittee: Transportation and Infrastructure Sub

Presentation/Workshop Topic: HB 215

Registered Lobbyist: YES NO

State Employee: YES NO

- I wish to speak
- Appearing in response to an inquiry for information made by member, committee, or staff
- Appearing in response to subpoena
- Appearing at the written request of the chair
- Judge or elected officer appearing in official capacity
- Lobbyist Appearance form submitted online

(If you are testifying on an amendment, please also indicate your position as a proponent or opponent on the bill as a whole.)

Bill: 215 Proponent Opponent Info only

Amendment: Proponent Opponent Info only



COMMITTEE/SUBCOMMITTEE APPEARANCE RECORD

Please fill out the entire form and submit both copies to the Committee Administrative Assistant at the meeting.

<input type="checkbox"/>	Bill	<input type="checkbox"/>	Amendment
Bill/PCS/PCB Number: _____			
Amendment Number: _____			

Name: Shannan Schuessler

Representing: Dept of Transportation

Title: Chief of Staff

Address: 605 Suwannee St.

City: Tallahassee State/Zip: FL 32399

Phone Number: 850-509-0993 Meeting Date: 10/25/17

Committee/Subcommittee: Transportation & Infrastructure

Presentation/Workshop Topic: HB 1049 Implementation

Registered Lobbyist: YES NO

State Employee: YES NO

- I wish to speak
- Appearing in response to an inquiry for information made by member, committee, or staff
- Appearing in response to subpoena
- Appearing at the written request of the chair
- Judge or elected officer appearing in official capacity
- Lobbyist Appearance form submitted online

(If you are testifying on an amendment, please also indicate your position as a proponent or opponent on the bill as a whole.)

Bill: Proponent Opponent Info only

Amendment: Proponent Opponent Info only



COMMITTEE/SUBCOMMITTEE APPEARANCE RECORD

Please fill out the entire form and submit both copies to the Committee Administrative Assistant at the meeting.

<input type="checkbox"/> Bill	<input type="checkbox"/> Amendment
Bill/PCS/PCB Number: _____	
Amendment Number: _____	

Name: Bernie Escobar

Representing: Miami Dade Expressway Authority

Title: Director of Intergovernmental Affairs

Address: 3790 NW 21st Street

City: Miami State/Zip: FL

Phone Number: (305) 495-6380 Meeting Date: 10/25/2017

Committee/Subcommittee: Transportation

Presentation/Workshop Topic: Update S/HB 1049

Registered Lobbyist: YES NO

State Employee: YES NO

- I wish to speak
- Appearing in response to an inquiry for information made by member, committee, or staff
- Appearing in response to subpoena
- Appearing at the written request of the chair
- Judge or elected officer appearing in official capacity
- Lobbyist Appearance form submitted online

(If you are testifying on an amendment, please also indicate your position as a proponent or opponent on the bill as a whole.)

Bill: Proponent Opponent Info only

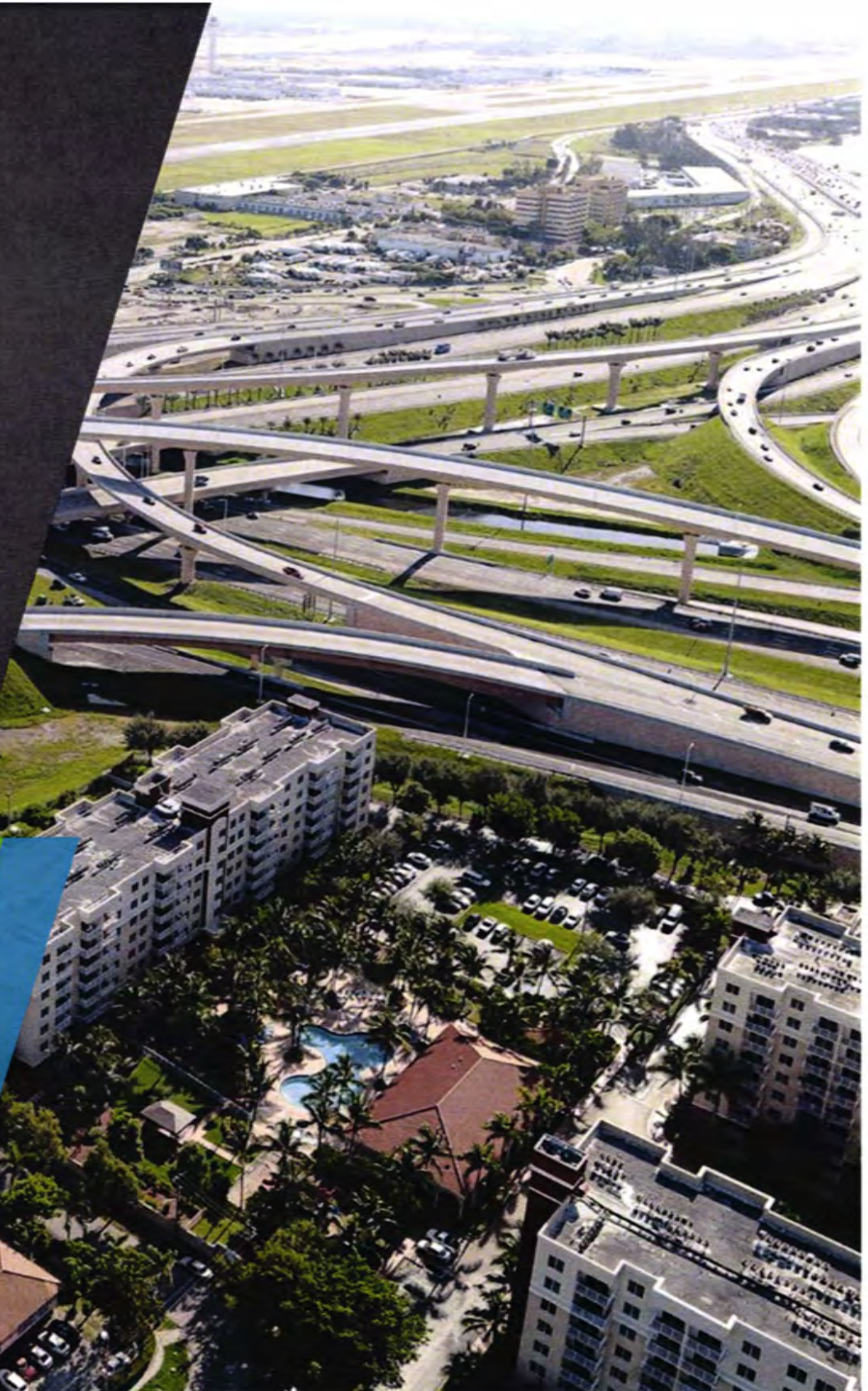
Amendment: Proponent Opponent Info only



MIAMI-DADE EXPRESSWAY AUTHORITY

Florida House of Representatives
Transportation and Infrastructure
Subcommittee
October 25, 2017 - 4:00 PM

UPDATE ON
IMPLEMENTATION OF
CHAPTER 2017-182, LAWS OF
FLORIDA
(CS/HB 1049)



MDX Leadership

▶ BOARD MEMBERS



MDX Chair
Shelly Smith Fano
Miami-Dade College
Governor



MDX Vice Chair
Audrey Edmonson
Miami-Dade County
Commission Vice Chair
County Commission



MDX Treasurer
Leonard Boord
Sloan Capital
Governor



Mayor Carlos Gimenez
Miami-Dade County
County Commission



Maritza Gutierrez
Creative Ideas
Advertisement
Maru & Friends Dolls
County Commission



Louis Martinez Esq.
Law Firm of Diaz Reus
Of Counsel
County Commission



Arthur J. Meyer
ANF Group
County Commission



Cliff Walters
Cliff Walters
Consulting
Governor



James Wolfe
FDOT Secretary
District 6

MDX

▶ EXECUTIVE DIRECTOR – Javier Rodriguez

- MDX Executive Director for the past 14 years
- Responsible for operations and maintenance of the MDX System, its expansion and financing
- FDOT for 16 years, last 4 as Director of Transportation Development
- Immediate Past President International Bridges, Tunnels & Turnpikes Association and Honorary Lifetime Member



▶ LEGAL COUNSEL AND ETHICS OFFICER – Carlos Zaldivar

- Oversees legal operations of Authority and serves as legal counsel to MDX's Board of Directors
- MDX's Ethics Officer providing counsel on matters relating to the State of Florida Code of Ethics, Sunshine Law and Public Records Law
- General Counsel for ten command posts of the FBI
- Responsible for ethics and legal training for agent and support staff
- Supervisory Special Agent for FBI



About MDX

- ▶ MDX Primary Source of Revenue is User Fees-Tolls
- ▶ MDX does not receive any Federal, State or Local Funds or Subsidies
- ▶ Efficient transportation agency with staff of 37 public employees supported by contracted private sector consultants for specific tasks
- ▶ MDX builds transportation projects utilizing a P3 Concept while retaining infrastructure assets under public ownership
- ▶ \$1.3 Billion construction of infrastructure placed into service since 2006
- ▶ \$3 Billion total new transportation infrastructure leveraged through MDX participation
- ▶ Last 5 Years FY12- FY16 - **MDX contracted \$174.3 Million** to small and local businesses
 - Total of 35.53% of all expenditures
 - Annual average of \$34.7 million

The Need for Mobility is Growing

- ▶ The following statistics highlight the need for increased multimodal mobility to move freight, visitors and residents
 - **15 million** overnight visitors in 2016
 - MIA total cargo tons reached **2.2 million**, with **8 million** tons arriving at the Port
- ▶ Miami-Dade is a global logistics hub. The increase in **mobility** provided by the planned MDX extensions is critical to enhance economic opportunities for residents
 - Miami-Dade's population increased **20%** between Census 2000 and 2016
- ▶ Miami-Dade is not alone in the mobility race needed for jobs Tampa, Jacksonville, Atlanta, Savannah are investing in "smart" highway systems

Significant Transportation Metrics for Miami-Dade County

▶ Est. FY 2016 One-Way Person-Trips by Mode:

- Cars: 3,086,700,000 (93.7 Percent)
- Trucks: 103,300,000 (3.1 Percent)
- Transit (All Modes): 103,900,000 (3.2 Percent)
- **Total: 3,293,900,000**

▶ Est. FY 2016 Miami-Dade Toll Customers FDOT, MDX & County Facilities:

- 2,000,000 (92.9 Percent of Population 16+)
- \$234.88 Average Total Tolls Paid per Year (all facilities)
(0.5 % of Median Household Income)

▶ Est. FY 2016 Miami-Dade County MDX Customers:

- \$128.48 Average Tolls Paid per Year (MDX Facilities)
(0.3 % of Median Household Income)
- 755,000 Average Daily Trips in FY 2016 on the MDX System

How Does MDX Meet Growing Transportation Needs Within Densely Urbanized Region?

- ▶ MDX identified the SR 836 corridor for multimodal transportation solutions to support the County's future growth as part of its Strategic Plan
- ▶ The TPO identified the SR 836 corridor as a component of its SMART Plan
- ▶ SR 836 cannot be widened further and technology oriented solutions to increase throughput are required
- ▶ Multimodal solutions will provide options on SR 836 for MDX's customers
- ▶ MDX is supporting the implementation of Rapid Transit/Mobility Options on SR 836
- ▶ MDX will use the Dolphin Park and Ride to anchor these services

Technology Is Transforming Transportation

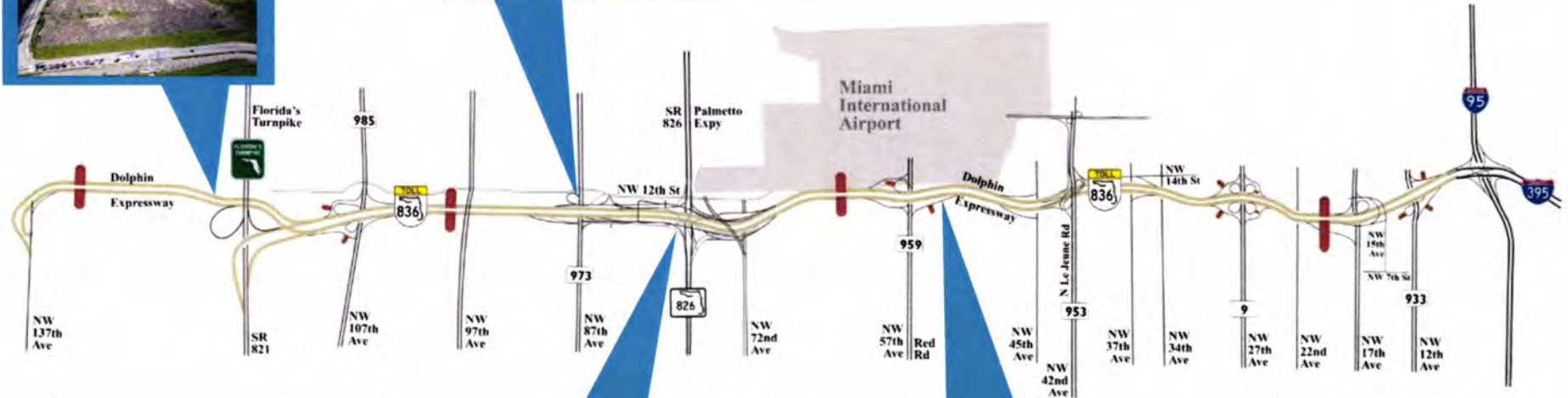
- ▶ MDX Strategic Transportation Master Plan addresses the future of transportation creating a framework of XT (Express Technology) lanes within our expressways
- ▶ XT lanes are dedicated platforms for private ride sharing services and eventually for autonomous vehicles linked to future intermodal hubs
- ▶ Current projects on SR 836 complete the first phase of XT lanes infrastructure within one year to be used for premium rapid transit and private ride sharing services
- ▶ Automated vehicle technology is under development and MDX is ready to respond
- ▶ Our mobility problems require forward thinking, non-traditional mobility solutions

Major Ongoing Construction Projects

- Partnership with FDOT/MDC
- Dolphin Station Park & Ride facility/terminal transit facility
- Completion in FY 2018
- Support Express Bus Service on SR 836



- Reconstruction of the SR 836 Mainline and 87th Avenue Interchange
- Completion in early FY 2019
- Improves safety & operations



- Partnership with the FDOT
- SR 836/SR 826 Interchange widening and new movements
- Completion in FY 2017
- Mobility improvements



- Widening from 57th Ave. to NW 17th Ave.
- Improvements to interchanges at NW 57th Ave., Le Jeune Rd., NW 27th Ave., and NW 17th Ave.
- Completion in early FY 2019
- Increase capacity and improve operations

Major Ongoing Construction Projects



MDX Implementation of CS/HB 1049

- ▶ MDX has complied with the provisions of CS/HB 1049 that pertain to the Authority
- ▶ The law provides policy and governance requirements and provides exemptions/saving clauses
- ▶ The Legislature understood that the law could not breach MDX contracts securing \$1.5 billion in outstanding debt
- ▶ As such these exemptions are applicable to MDX

MDX Implementation of CS/HB 1049

- ▶ **348.0004(2)(e)1.a** - Authority may not increase a toll unless...justified by a traffic and revenue study
 - MDX's current toll setting policy is consistent with requirement
- ▶ **348.0004(2)(e)1.b** - Toll increase must be approved by two-thirds vote of the ...board
 - MDX covenants securing \$1.5 billion in outstanding bond indebtedness, trust indenture and transfer agreement from the FDOT reserve to the MDX Board of Directors exclusively the right to establish all toll policies, including the right to require a super majority vote of the governing board to set toll rates
 - The Florida Legislature provided language in CS/HB 1049 exempting MDX from this requirement for its current bond obligations and existing contracts

MDX Implementation of CS/HB 1049

- ▶ **348.0004(2)1(e)c** – Amount of toll revenues used for administrative expenses... may not be greater than 10 percent above annual state average
 - MDX is complying and working with Florida Transportation Commission to incorporate this as a performance measure

- ▶ **348.0004(2)(e)1.d** – On transportation facilities constructed after July 1, 2017, ...distance of 5 miles between main through lane tolling points
 - MDX has no construction projects currently affected by this provision

MDX Implementation of CS/HB 1049

- ▶ **348.0004(6)** – Subject to compliance with any covenants made with holders of any bonds... reduce the toll charged by at least 5%, but no more than 10% for each SunPass registrant in good standing
 - The Florida Legislature provided language within CS/HB 1049 exempting MDX from this section of the Florida Statutes, if compliance violates or breaches existing legal contracts or covenants
 - Nonetheless MDX is honoring the spirit of the law and its intent
 - The MDX Board of Directors has established policies and programs to provide significant toll relief
 - ✓ Frequent Driver Reward Program
 - ✓ Multi-Axle Toll Policy

MDX Implementation of CS/HB 1049

➤ MDX Frequent Drivers Reward Program

- It passes operational efficiencies and agency savings to its frequent customers alleviating the cost of travel
- It allows MDX for the first time to be able to communicate with 180,000 of our customers that have registered, and receive their direct input on how they want their toll monies utilized
- In 2015, MDX distributed reward checks for \$2.2 million, in 2016, \$5.5 million and this December 2017, \$5.6 million in checks will be mailed to approximately 80,000 members that qualify
- This refund to customers injects approximately \$13 million of disposable income into the economy during the holiday season
- With a 30% refund of their annual tolls on the MDX system in the first two years, the program effectively reduced the highest tolling point of SR 836 of 70 cents to 49 cents

MDX Implementation of CS/HB 1049

- Frequent Drivers Reward Program's Impact on Daily Round Trip Rates Per Facility for Customers Travelling Entire Length From End to End

Toll Rate Comparison (Sunpass)		
END TO END ROUND TRIP TOTAL COST		
	Existing Rates	Frequent Driver Reward Program 2015 & 2016
Gratigny Parkway/SR 924	\$2.00	\$1.40
Don Shula Expressway SR 874	\$2.00	\$1.40
Snapper Creek Expressway/SR 878	\$1.00	\$0.70
Airport Expressway/SR 112	\$1.40	\$0.98
Dolphin Expressway SR 836 137 Ave - 17 Ave	\$4.80	\$3.36

MDX Implementation of CS/HB 1049

▶ MDX Multi-Axle Toll Policy

- Nationally innovative policy caps toll rates on MDX expressways to 3 axles for trucks utilizing SunPass
- All 20-foot and 40-foot cargo containers ride for free on the MDX system
- Only the tractor cab pays a toll
- Freight friendly expressways
- Pro-commerce policy benefiting the trucking industry
- Reduces cargo truck congestion on the arterial and local roads
- Truckers maximize hauls to Seaport utilizing \$1 billion Port Tunnel investment by FDOT

MDX Implementation of CS/HB 1049

- ▶ **348.0004(11)** – Dedication of at least 20 percent, but no more than 50 percent, of annual surplus revenues to transportation - transit projects...TPO shall submit eligible projects in July 2018
 - MDX is contributing far in excess of CS/HB 1049 requirements. Prior to provision taking effect the TPO and the Miami-Dade Board of County Commissioners requested from MDX the design and construction of several components of the SMART Plan.
 - **EAST WEST CORRIDOR** - Express Technology Lanes (XT Lanes) on inner shoulders of SR 836 for express shuttles (MDX & FIU) and ridesharing service
 - ✓ Dolphin Transit Station and Park & Ride
 - ✓ SR 836 direct access ramps to Dolphin Transit Station
 - ✓ Operation of MDX transit express shuttle on SR 874 and SR 878 shoulders
 - ✓ Slip ramp from SR 878 to Dadeland North Metrorail Station
 - ✓ Extension of XT Lane technology and multi-modal transit hubs into West Dade as part of the SR 836 Southwest Extension to Kendall

MDX Implementation of CS/HB 1049

- ▶ **348.0004(12)** – Requirement for County for financial audit by third party no less than biennially and must be posted on website
 - MDX's current policy is consistent with requirement
- ▶ **348.004(13)** – Authority must have a financial audit by third party not less than biennially and must be posted on website
 - MDX's current policy is consistent with requirement
- ▶ **348.00115 Public Accountability** – Information to be posted on website
 - MDX currently provides the information on website excluding contracts and expenditure data by payee which is being prepared to upload as part of the implementation of a redesign of our website