



Project Development & Environment (PD&E) Study

SR 90 (SW 8th Street and SW 7th Street)

From SR 9/SW 27th Avenue to SR 5/US-1/Brickell Avenue

Project Advisory Group Project Overview

Financial Management Number:
432639-6-22-01

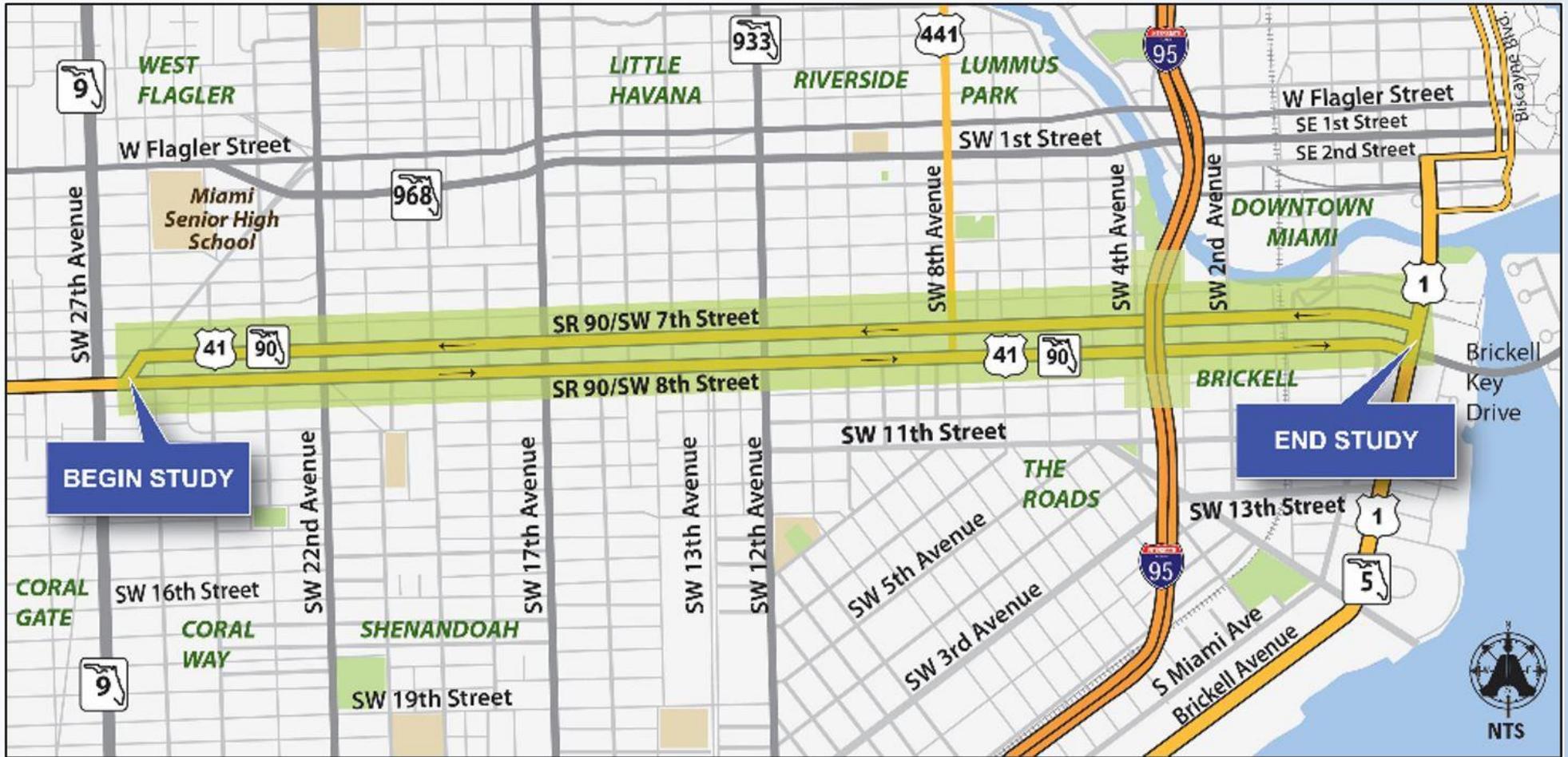
Federal Aid Project Number:
0202-054-P

Efficient Transportation
Decision Making
Number: 14230

Presentation Outline

- Project Description
- Project Alternatives
- Preferred Alternative
- Next Steps

Project Description



From SR 9/SW 27th Avenue to SR 5/US 1/Brickell Avenue

Project Description

STATE HISTORIC HIGHWAYS

- SW 8th Street/Calle Ocho
From Brickell Avenue to the Palmetto Expressway (SW 74th Avenue)
- Brickell Avenue
From the Miami River south to SE 25th Road



Project Description

Purpose and Need

- Safety
 - Improve Safety: Predominant types of crashes, rear end, angle, and sideswipe
- Transportation
 - Improve traffic operations and multimodal level of service
- Social Demands and Economic Development
 - Improve access to urban central business districts
- Modal Interrelationships
 - Improve multimodal connectivity



PD&E Study

STUDY COMPONENTS

- Engineering
- Environmental
- Public Involvement



Project Alternatives

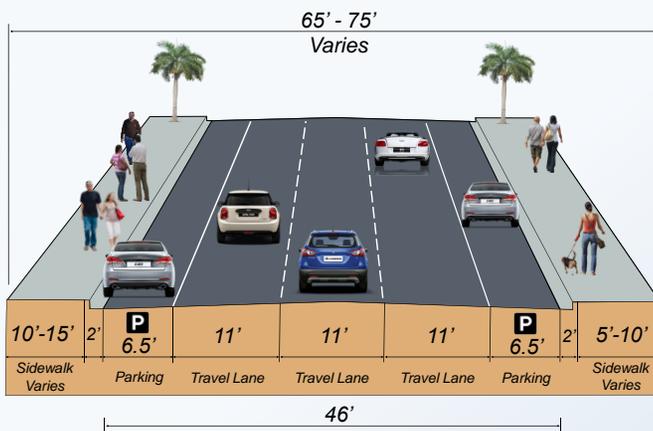
SW 8th Street and SW 7th Street Alternatives

- **No Build**
- **Transportation Systems Management and Operations (TSM&O)**
- **Build Alternatives**
 - **Alternative 1:** Two Lane - Two Way + Center Turn Lane Alternative
 - **Alternative 2:** Two Lane - Two Way + Transit Alternative
 - **Alternative 2A:** Two Lane - Two Way + Bicycle Alternative
 - **Alternative 3:** Two Lane - One Way + Bicycle Alternative
 - **Alternative 3A:** Three Lane - Shared Parking and Travel Lane
 - **Alternative 4:** Three Lane - One Way Alternative- Existing Flow
 - **Alternative 5:** Three Lane - One Way Alternative – Reverse Flow
 - **Alternative 6:** Three Lane- One Way on SW 8th Street + Shared Parking
Two Lane- One Way on SW 7th Street

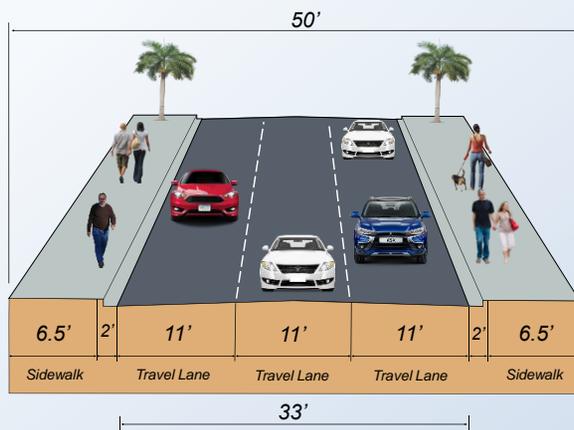
No Build

SW 8TH/SW 7TH STREET

SW 8TH STREET



SW 7TH STREET



NO EXPENDITURE OF FUNDS

BENEFITS

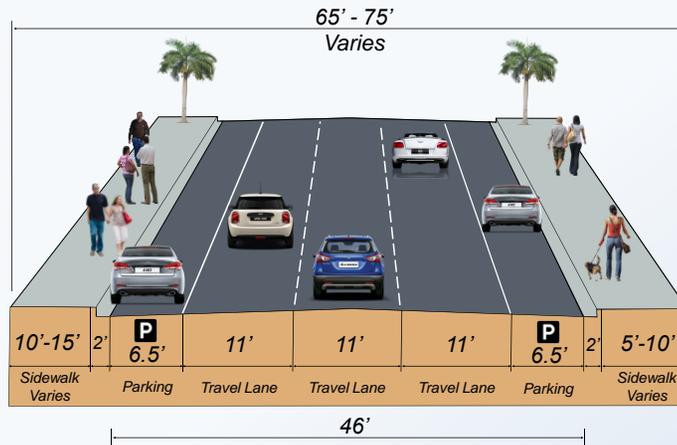
- MAINTENANCE OF TRAFFIC
- ENVIRONMENTAL

CONCERNS-NO IMPROVEMENTS

- SAFETY
- MULTIMODAL LEVEL OF SERVICE
- ACCESS IMPROVEMENTS
- COMPLETE STREETS

TRANSPORTATION SYSTEMS MANAGEMENT AND OPERATIONS (TSM&O) ALTERNATIVE –SW 8TH/SW 7TH STREET

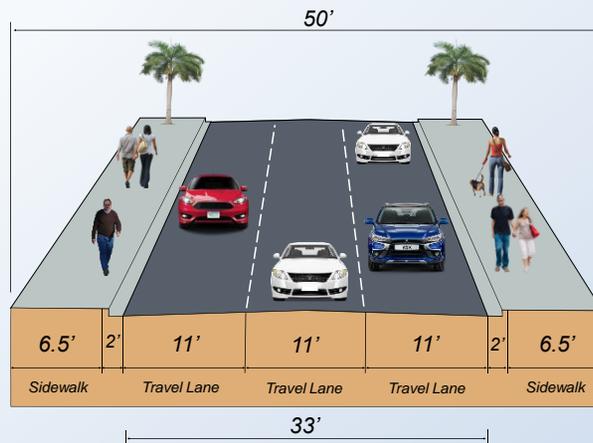
SW 8TH STREET



BENEFITS

- MINOR SAFETY IMPROVEMENTS
- MULTIMODAL LEVEL OF SERVICE
Improvements to Automobiles
- MAINTENANCE OF TRAFFIC
- NO ENVIRONMENTAL IMPACTS

SW 7TH STREET

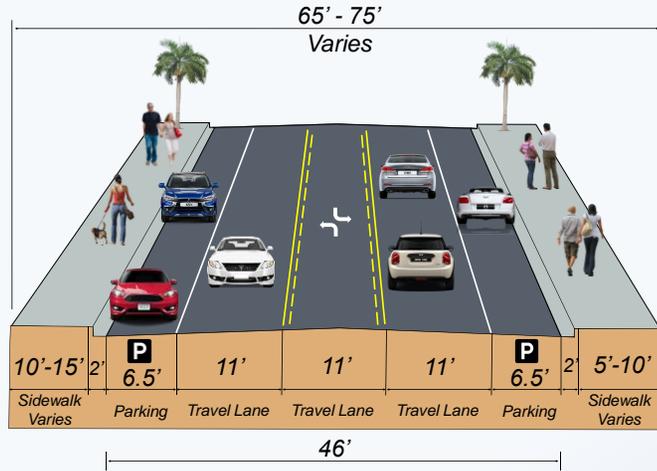


CONCERNS

- NO ACCESS IMPROVEMENTS
AT I-95

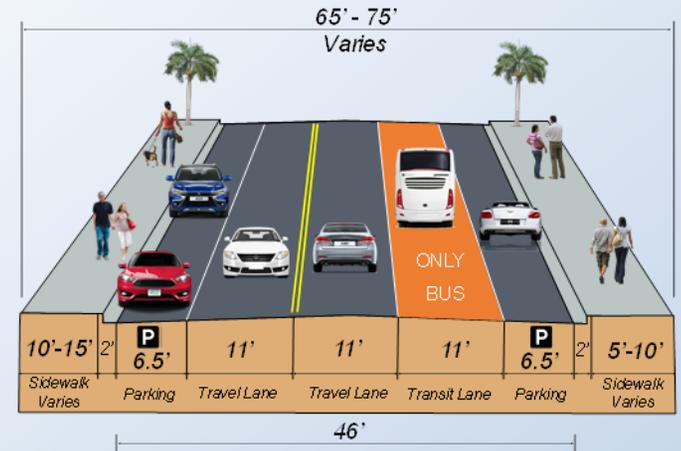
Build Alternatives

ALTERNATIVE 1 – SW 8TH/SW 7TH STREETS TWO LANES - TWO WAY

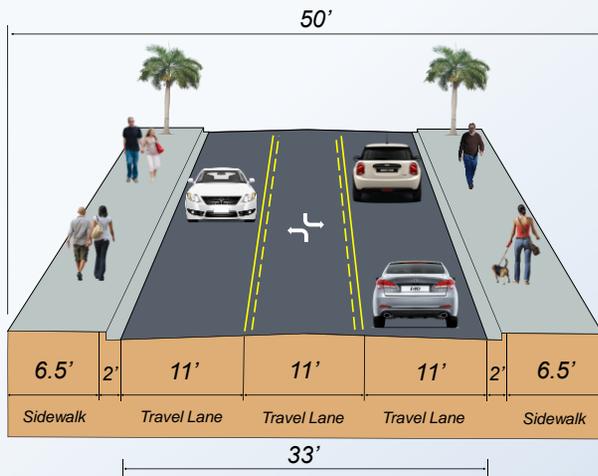


SW 8TH STREET

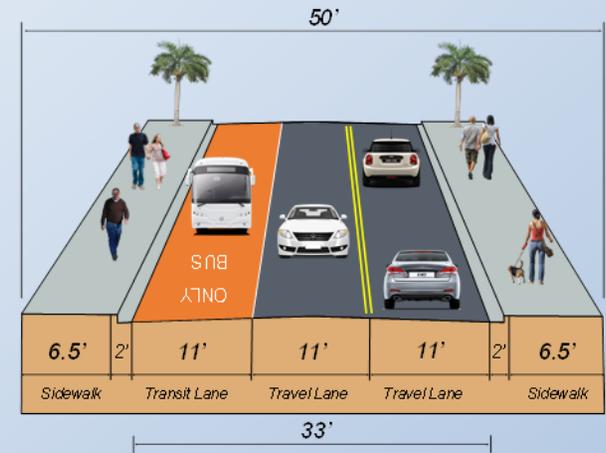
ALTERNATIVE 2 – SW 8TH/SW 7TH STREET TWO LANES - TWO WAY + TRANSIT



SW 7TH STREET



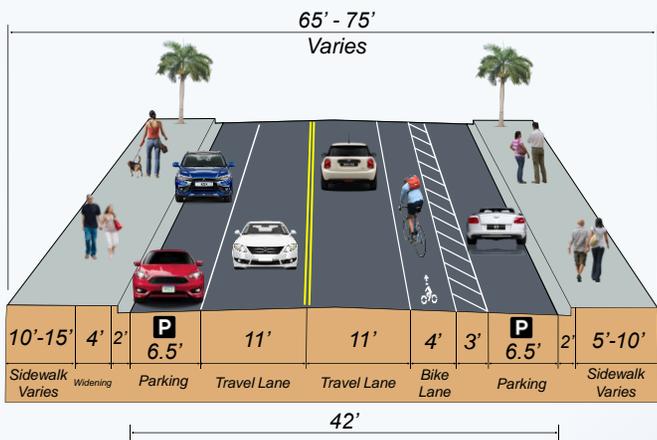
May require change in the historic designation law



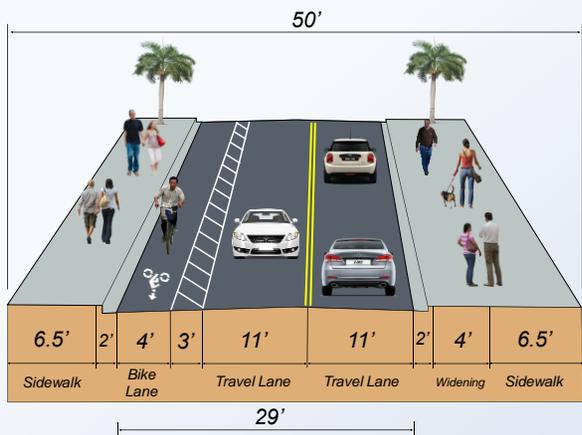
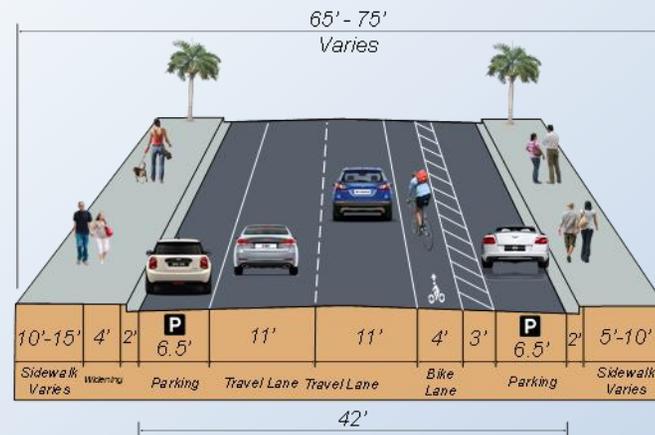
Build Alternatives

ALTERNATIVE 2A – SW 8TH/SW 7TH STREET TWO LANES - TWO WAY + BIKES

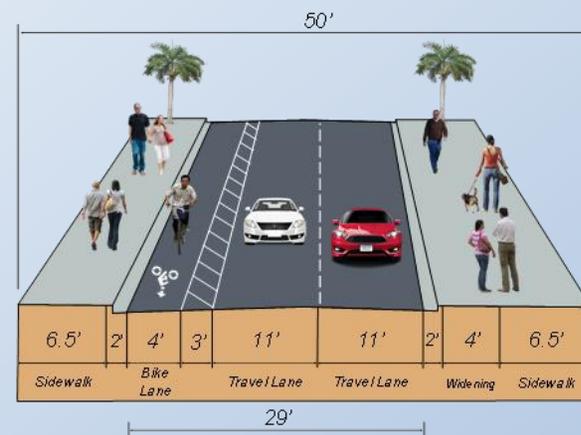
ALTERNATIVE 3 – SW 8TH/SW 7TH STREET TWO LANES - ONE WAY + BIKES



SW 8TH STREET



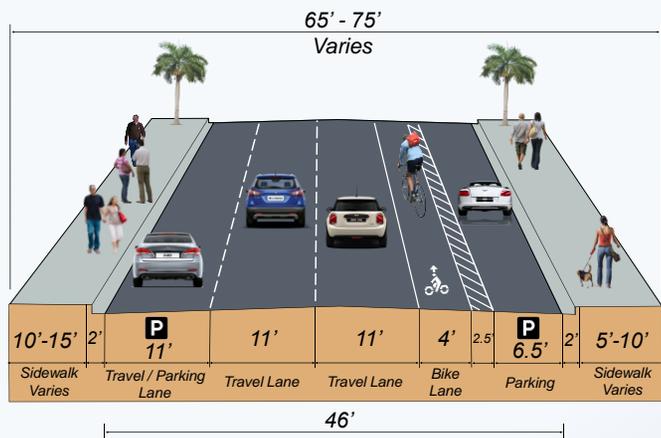
SW 7TH STREET



May require change in the historic designation law

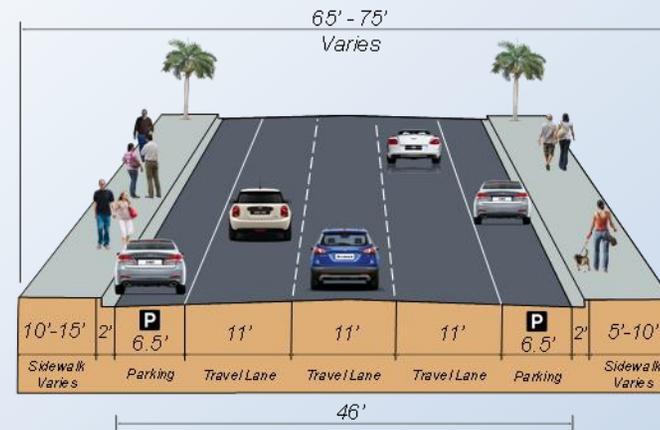
Build Alternatives

ALTERNATIVE 3A – SW 8TH/SW 7TH STREET THREE LANES – SHARED PARKING & TRAVEL LANE

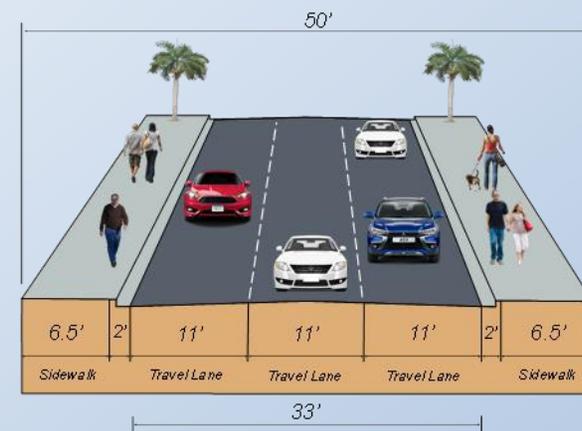


SW 8TH STREET

ALTERNATIVE 4 – SW 8TH/SW 7TH STREET THREE LANES - ONE WAY



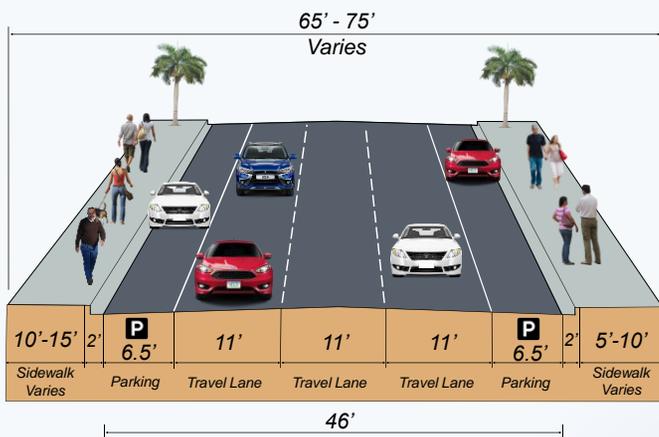
SW 7TH STREET



May require change in the historic designation law

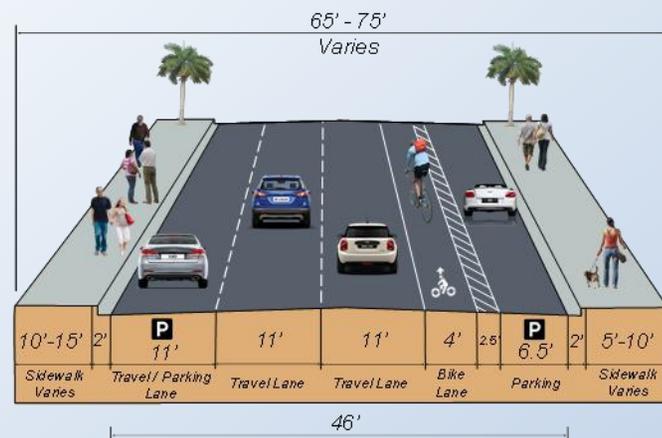
Build Alternatives

ALTERNATIVE 5 – SW 8TH/SW 7TH STREET THREE LANES - ONE WAY – REVERSE FLOW

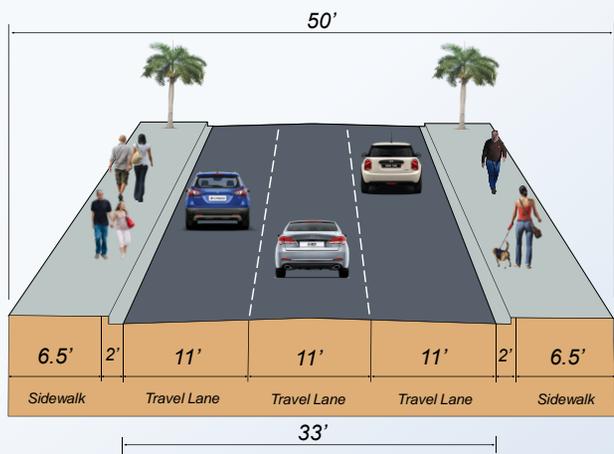


SW 8TH STREET

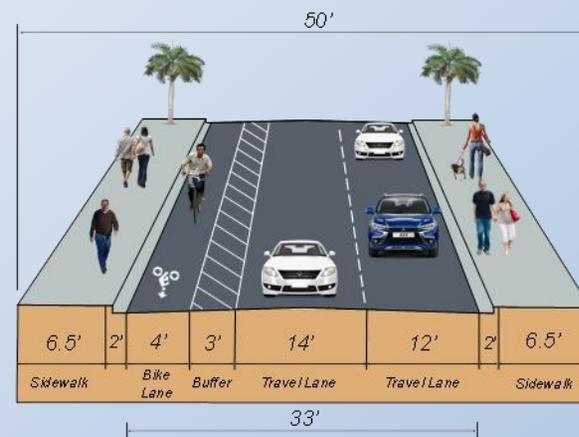
ALTERNATIVE 6 SW 8TH STREET- THREE LANES - ONE WAY + SHARED PARKING SW 7TH STREET- TWO LANES – ONE WAY



SW 7TH STREET

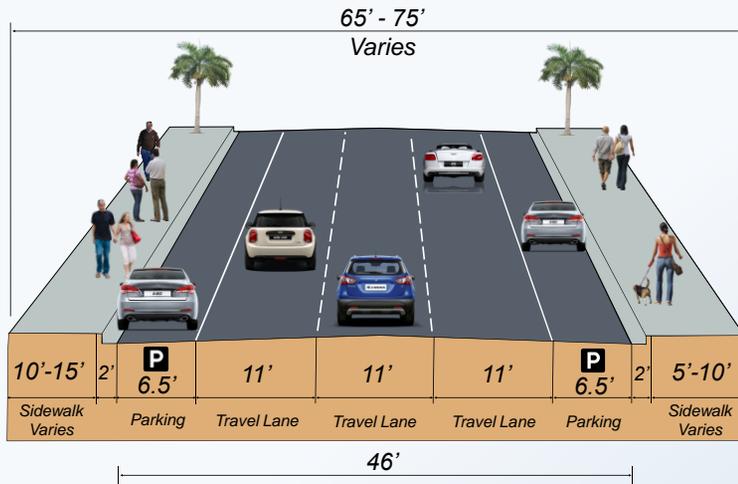


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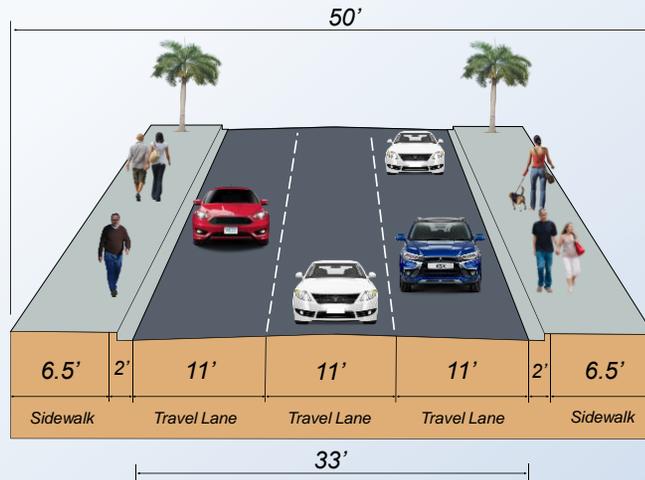


Preferred Alternative – SW 8th & SW 7th St.

SW 8TH STREET



SW 7TH STREET



ALTERNATIVE 4 THREE LANES - ONE WAY

MAINTAINS EXISTING
CONFIGURATION.

- IMPROVEMENTS AT I-95
- NO IMPACTS:
 - RIGHT OF WAY
 - MAINTENANCE OF TRAFFIC
 - ENVIRONMENTAL
 - PARKING

Project Alternatives

I-95 Interchange Alternatives

- **No Build**
- **Build Alternatives**
 - **Alternative B-1:** Elevated off-ramp at SW 8th Street
Elevated on-ramp at SW 7th Street
 - **Alternative B-2:** Elevated on-ramp at SW 7th Street
 - **Alternative B-3:** Elevated off-ramp at SW 8th Street
 - **Alternative B-4:** Convert SW 3rd Avenue to one-way SB
 - **Alternative B-5:** At-grade off-ramp at SW 8th Street
Elevated on-ramp at SW 7th Street
 - **Alternative B-6:** At-grade off-ramp at SW 8th Street
Convert SW 3rd Avenue to one-way SB
 - **Alternative B-7:** Elevated on-ramp at SW 7th Street
Street closure SW 4th Avenue

Build Alternatives – I-95 Interchange

ALTERNATIVE B-1



ALTERNATIVE B-2

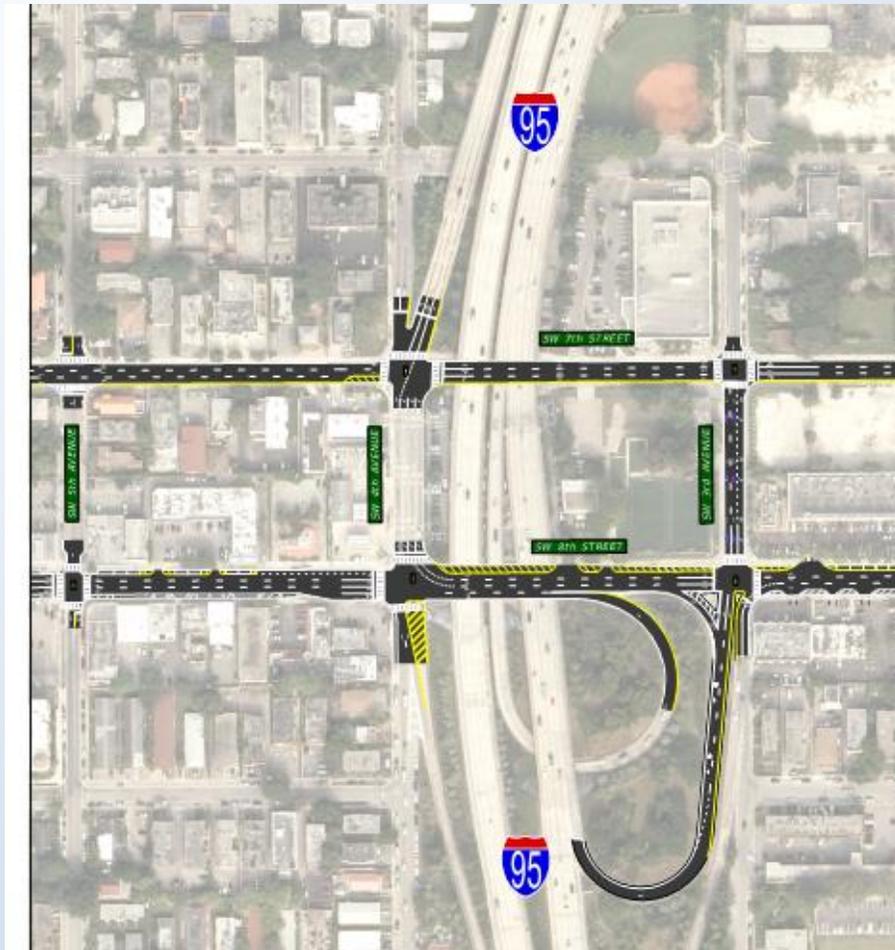


Build Alternatives – I-95 Interchange

ALTERNATIVE B-3



ALTERNATIVE B-4



Build Alternatives – I-95 Interchange

ALTERNATIVE B-5



ALTERNATIVE B-6



Preferred Alternative – I-95 Interchange



ALTERNATIVE B-7

- Elevated on-ramp at SW 7th Street
- Street Closure - SW 4th Avenue
- Convert to 2-way- From SW 6th Street to SW 7th Street
 - SW 4th Avenue
 - SW 3rd Avenue

Build Alternative – I-95 Interchange

ALTERNATIVE B-7



- Proposed view looking west along SW 7th Street at SW 3rd Avenue

Public Involvement

- **Elected Officials/Agencies/Public Kick-off Meeting** August 25, 2016
- **Project Advisory Group Meetings**
 - November 17, 2016 January 12, 2017 February 16, 2017
 - March 23, 2017 May 9, 2017 June 22, 2017
 - August 31, 2017 July 19, 2018
- **Stakeholders and Elected Officials Briefings**
 - September 12, 2016 October 11, 2016 October 13, 2017
 - September 17, 2018 October 5, 2018 March 22, 2019
 - January 11, 2022
- **The Roads Neighborhood Association Briefing** June 28, 2017
- **Miami Parking Authority**
- **City of Miami**
- **Miami-Dade Department of Transportation and Public Works**
- **Alternatives Public Workshop** August 14, 2018
- **Transportation Aesthetic Review Committee** July 21, 2021
- **Bicycle Pedestrian Advisory Committee** September 14, 2021
- **Citizen's Transportation Advisory Committee** October 6, 2021

Next Steps

- Public Hearing
PD&E, State Historic Hwy
Access Change (SW 4th Avenue) March 2022
- Location Design Concept Acceptance October 2022
- Design Project- FM 432639-7
Anticipated Design Begin March 2023

Questions

Bao-Ying Wang, P.E.

Project Manager

Consultant Management Office

Florida Department of Transportation – District Six

1000 NW 111 Avenue, Room 6251

Miami, Florida 33172

Phone: 305-470-5211

Email: BaoYing.Wang@dot.state.fl.us

Vilma Croft, PE

Project Manager

HNTB Corporation

Phone: 305-222-1457

Email: VCroft@hntb.com

www.fdotmiamidade.com/CalleOchoStudy.com