



MDX SR 836/DOLPHIN EXPRESSWAY **SOUTHWEST EXTENSION**

Project Development and Environment

PD&E Study

Miami-Dade County, Florida

Citizens Advisory Committee Meeting

March 13, 2018

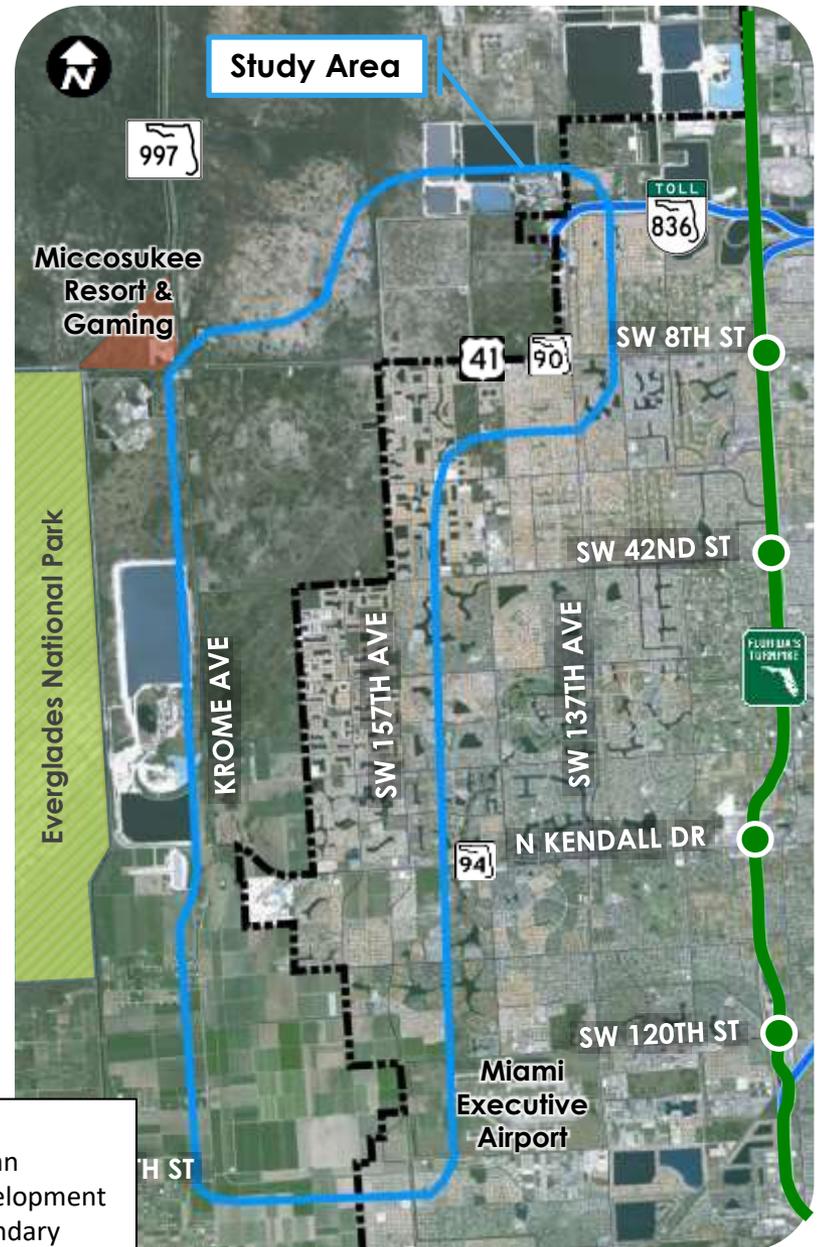
ETDM NUMBER: 11482

MDX WORK PROGRAM NO.: 83618



Study Area

- Unincorporated Miami-Dade County
- Study area bounded by
 - NW 12th Street to the north
 - SW 136th Street to the south
 - SW 152nd Avenue to the east
 - SW 177th Avenue (Krome Ave.) to the west
- Everglades National Park
- Kendall Tamiami Airport
- Fastest growing area in the County
- Limited options for north-south travel
- Limited access to expressways
- Congested roadway network
- Safety concerns



Legend

Urban Development Boundary



Where Are We?

PHASE 1: Corridor Analysis

PHASE 2: Alternatives Analysis

1 Planning /
Concept Report

2 Alternative
Corridor Evaluation
(ACE) Process

3 Project Development
and Environment
(PD&E) Study

4 DESIGN

5 RIGHT-OF-WAY
ACQUISITION

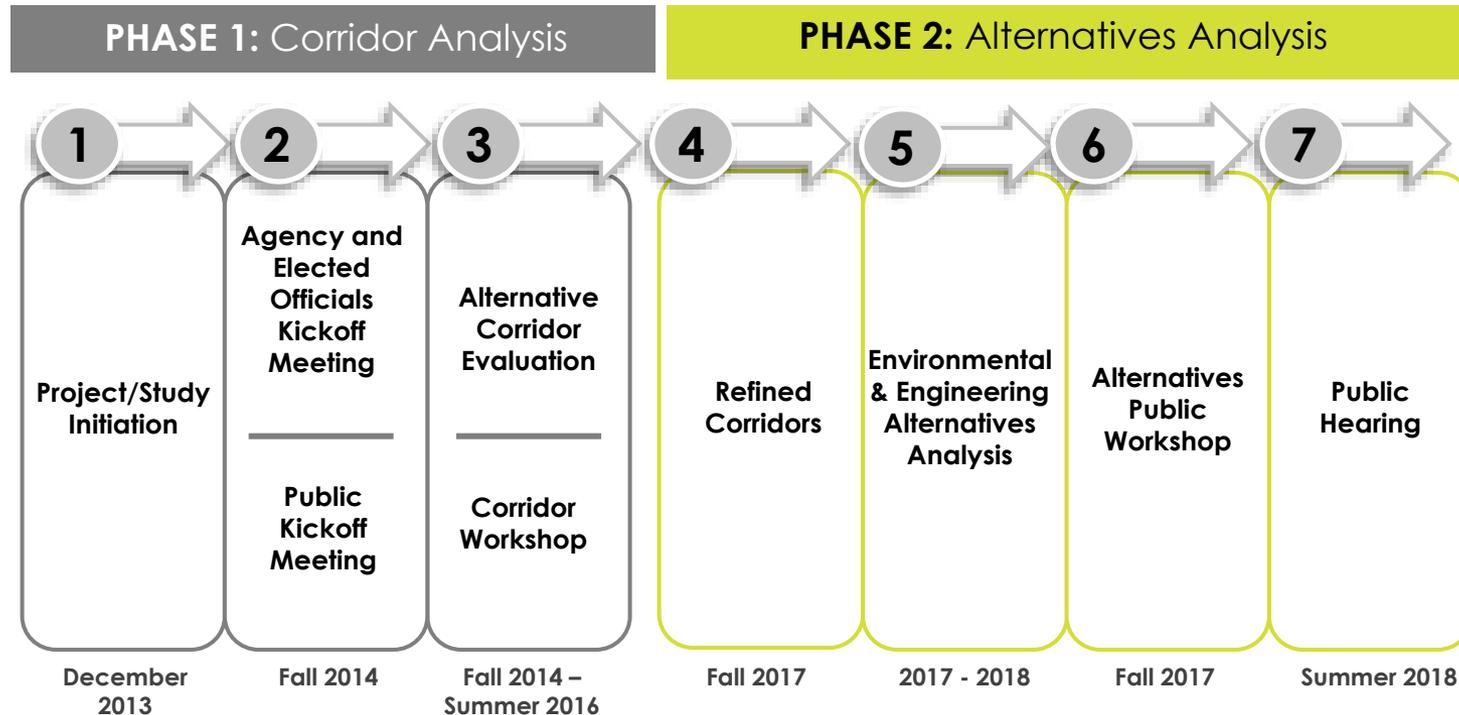
6 CONSTRUCTION

7 MAINTENANCE

Future Phases



Schedule



Public Involvement
Citizens Advisory Committee Meetings
Environmental Forums



Phase 2: Alternatives Analysis



Engineering

- Purpose and Need
- Mobility and Traffic Operations
- Geometric Compliance to Design Criteria
- Accessibility
- Multimodal Accommodations
- Structures
- Drainage
- Right of Way Needs
- Utility Coordination
- Construction Costs
- Financial Feasibility



Environmental

Socio-Cultural Environment

- Land Use
- Social Considerations
- Community Services / Facilities
- Economic
- Relocation
- Archaeological & Historic

Natural Impacts

- Wetlands
- Water Quality
- Floodplains
- Wildlife and Habitat
- Farmlands
- Comprehensive Everglades Restoration

Physical Impacts

- Air / Noise
- Contamination



Public Involvement

Stakeholder Input

- Public
- Homeowners
- Federal, State & Local Agencies
- Environmental Groups
- Others

Opportunities for Input

- Kickoff Meetings
- Corridor Workshop
- Alternatives Public Workshop
- Public Hearing
- Citizens Advisory Committee
- Environmental Forum

Presentations / Meetings

- As requested
- Homeowner's Association
- Federal, State & Local Agencies
- Industry

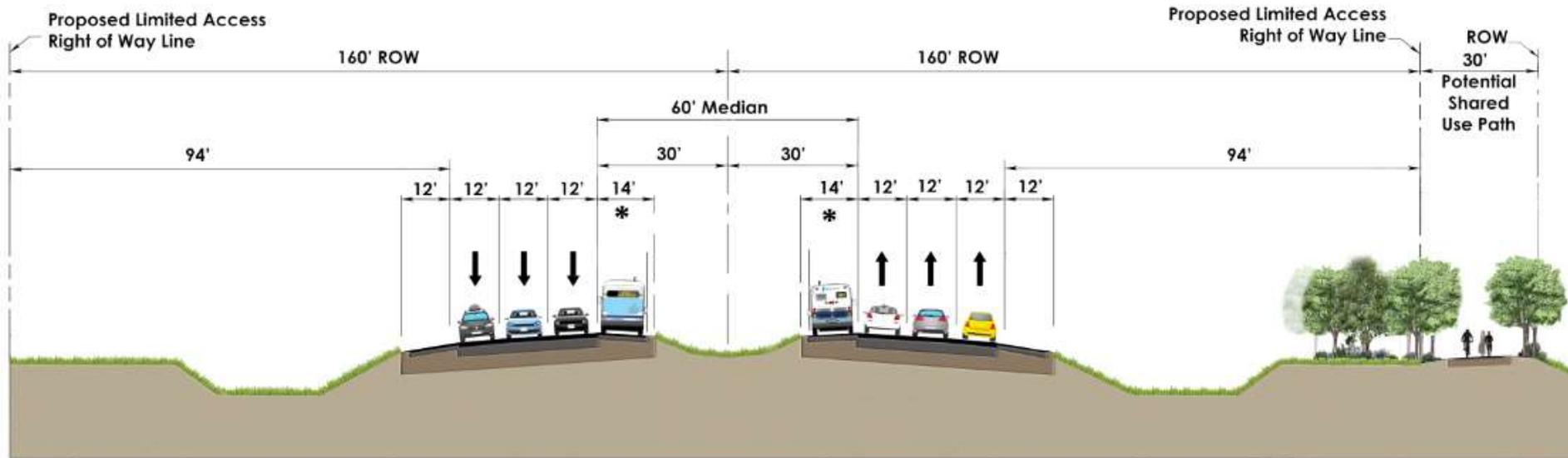
Corridors 1 and 2



Note: Refined Corridors renumbered in Phase 2



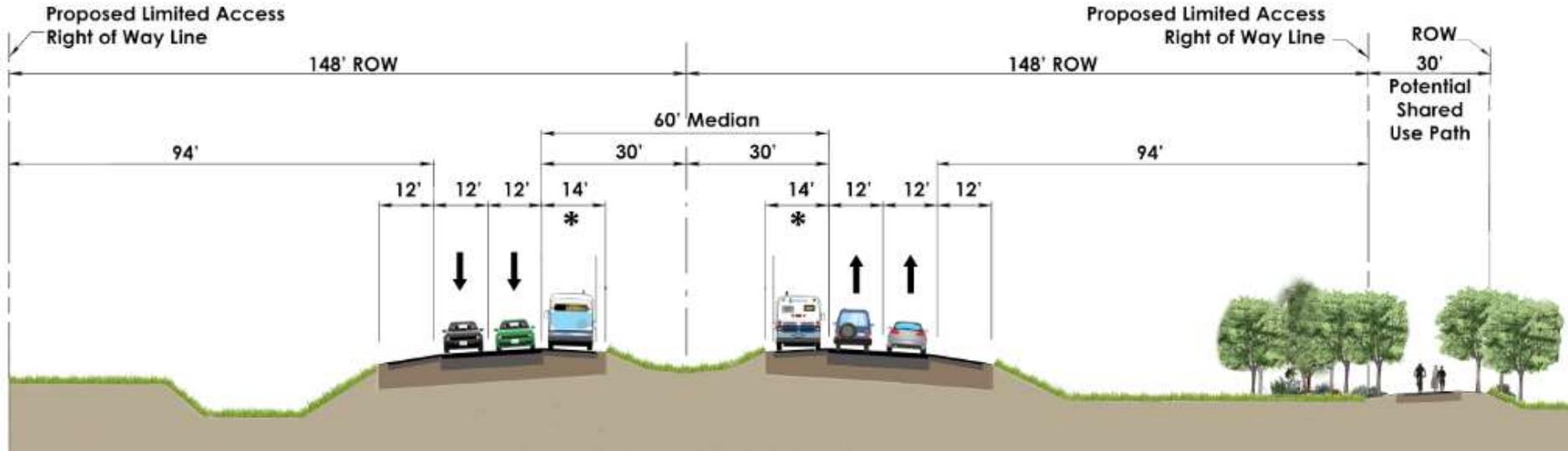
Six Lane Typical Section



Typical Section Notes

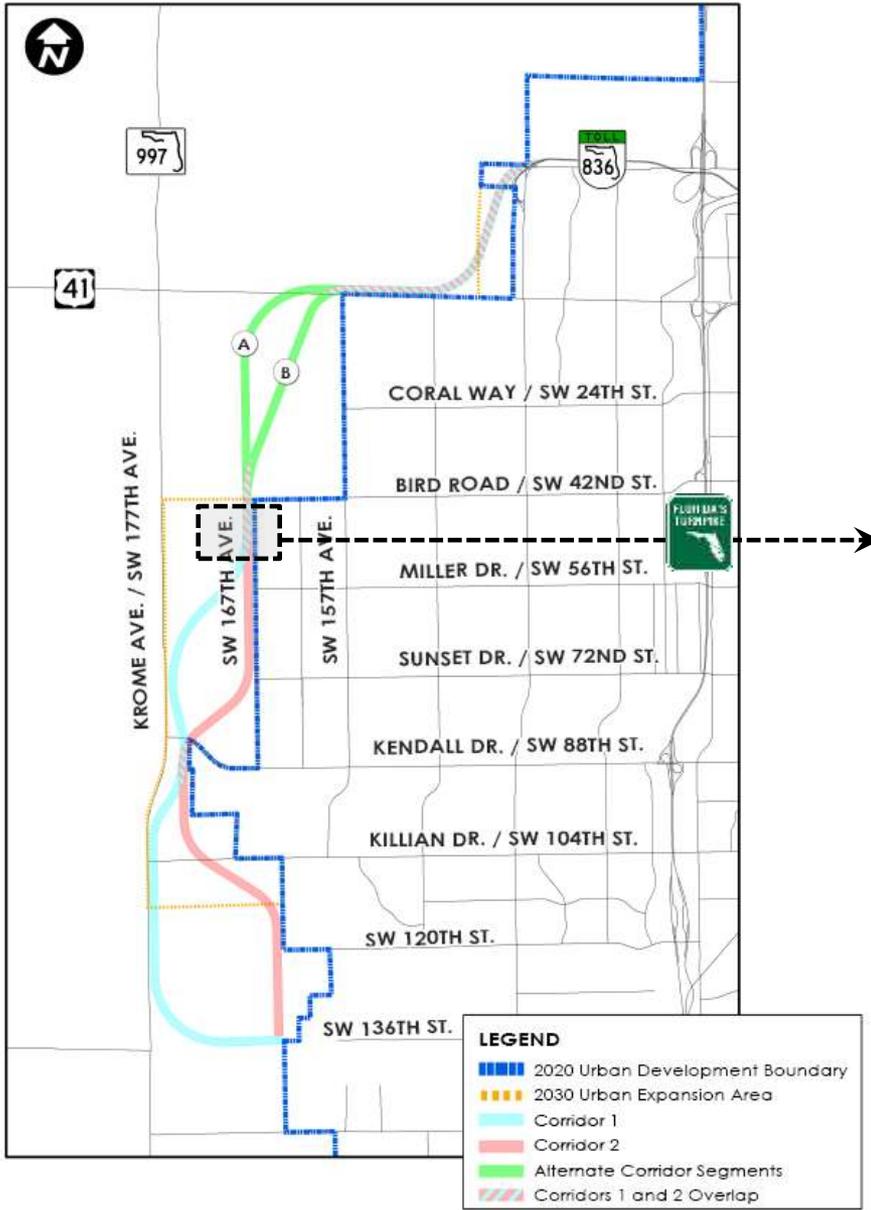
* 12-ft Inside Paved Shoulder and Peak Hour Express Transit/Technology Lane

Four Lane Typical Section

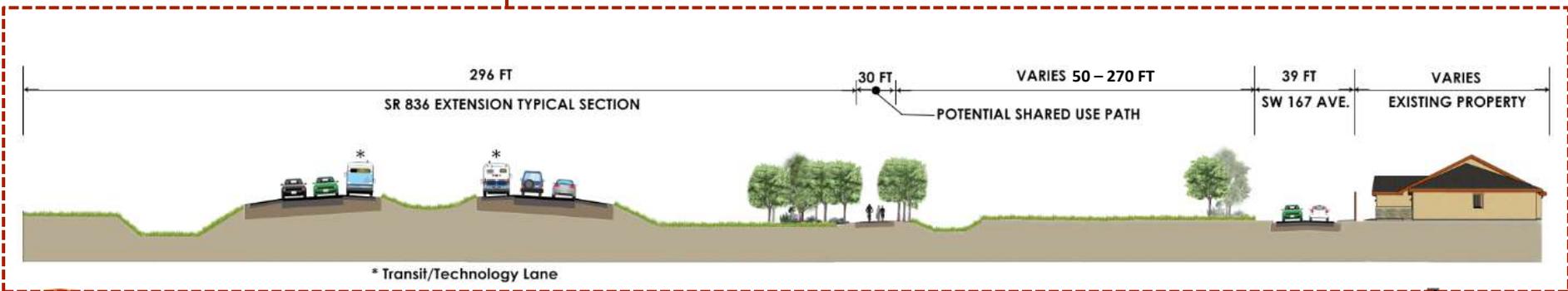


Typical Section Notes

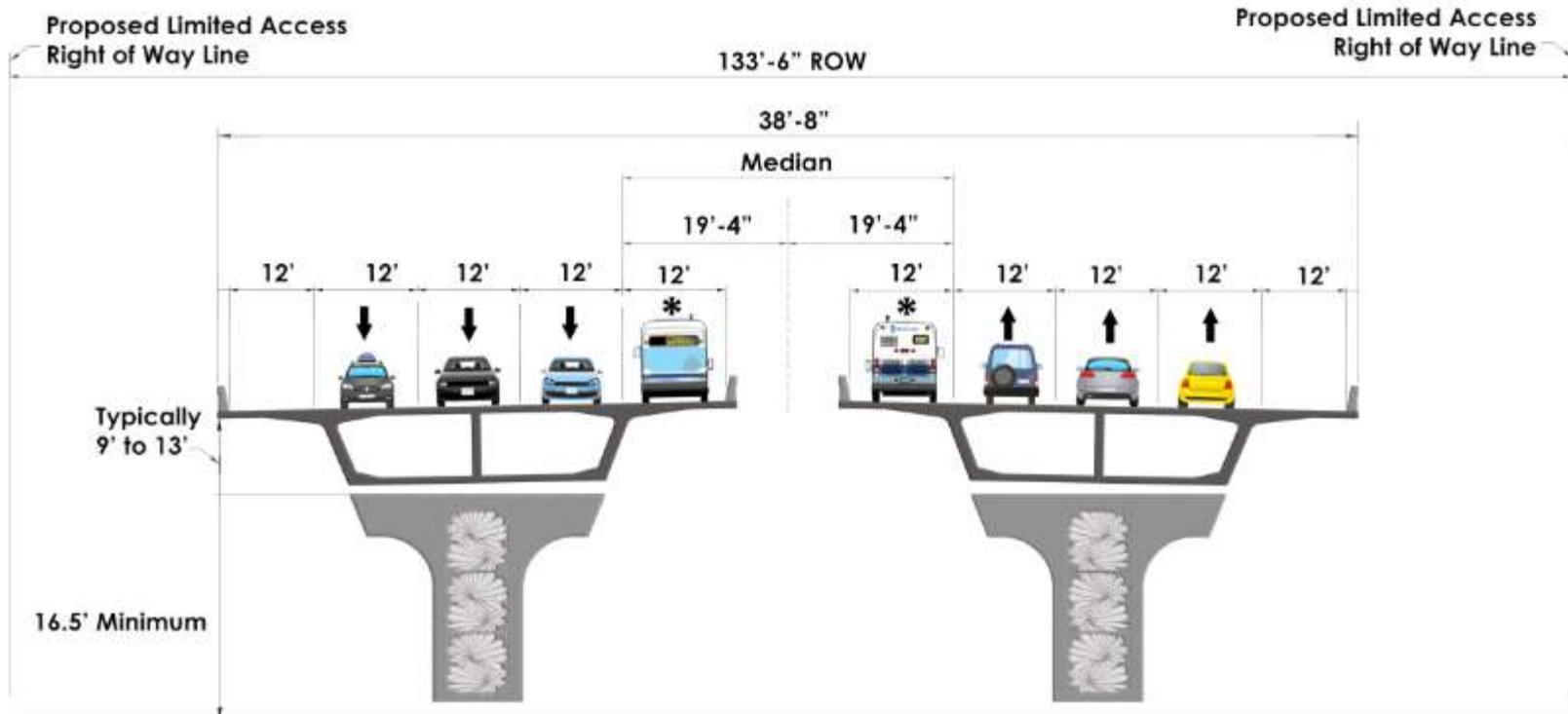
* 12-ft Inside Paved Shoulder and Peak Hour Express Transit/Technology Lane



Proximity of Four Lane Typical Section



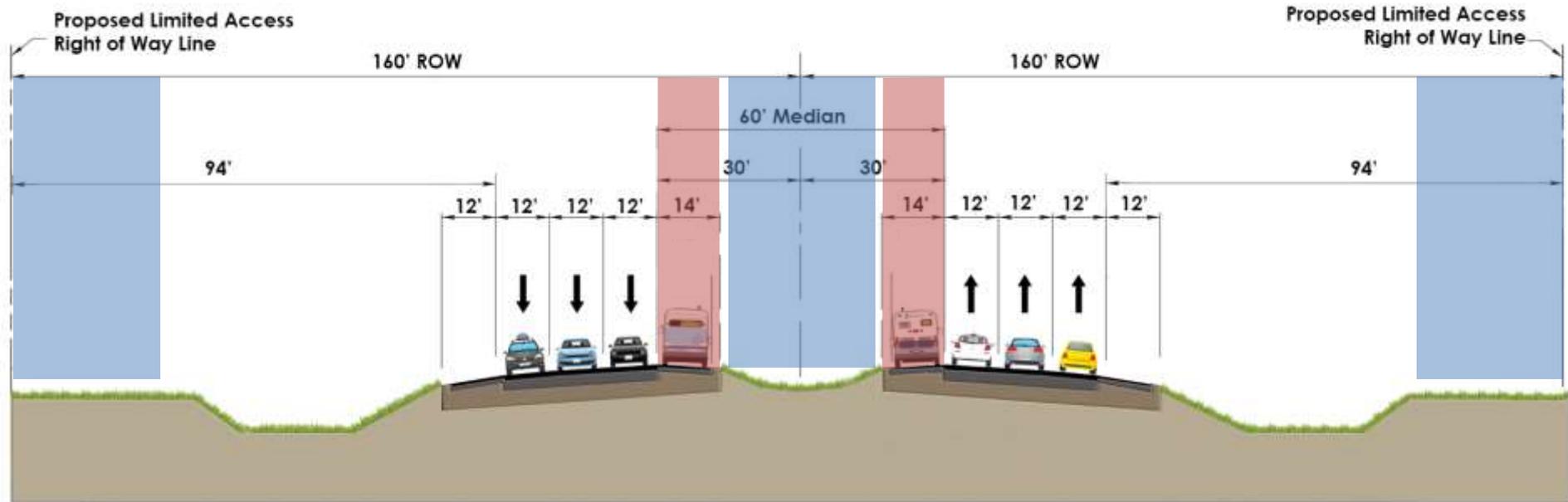
Elevated Typical Section



Typical Section Notes

- * 12-ft Inside Paved Shoulder and Peak Hour Express Transit/Technology Lane
Under consideration for use in sensitive areas as appropriate

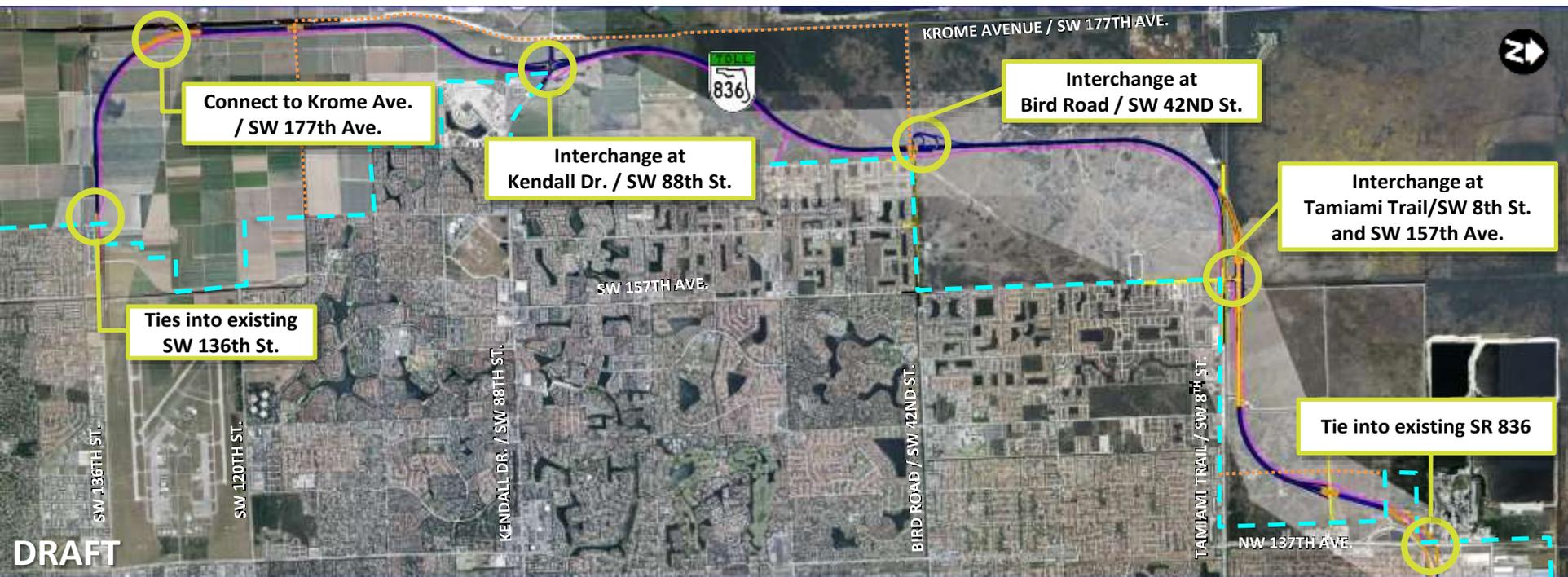
Proposed Transit Lanes and Potential Transit Envelope



Legend

- 12-ft Inside Paved Shoulder and Peak Hour Express Transit / Technology Lane
- Potential Transit Envelope

Overview of Corridor 1

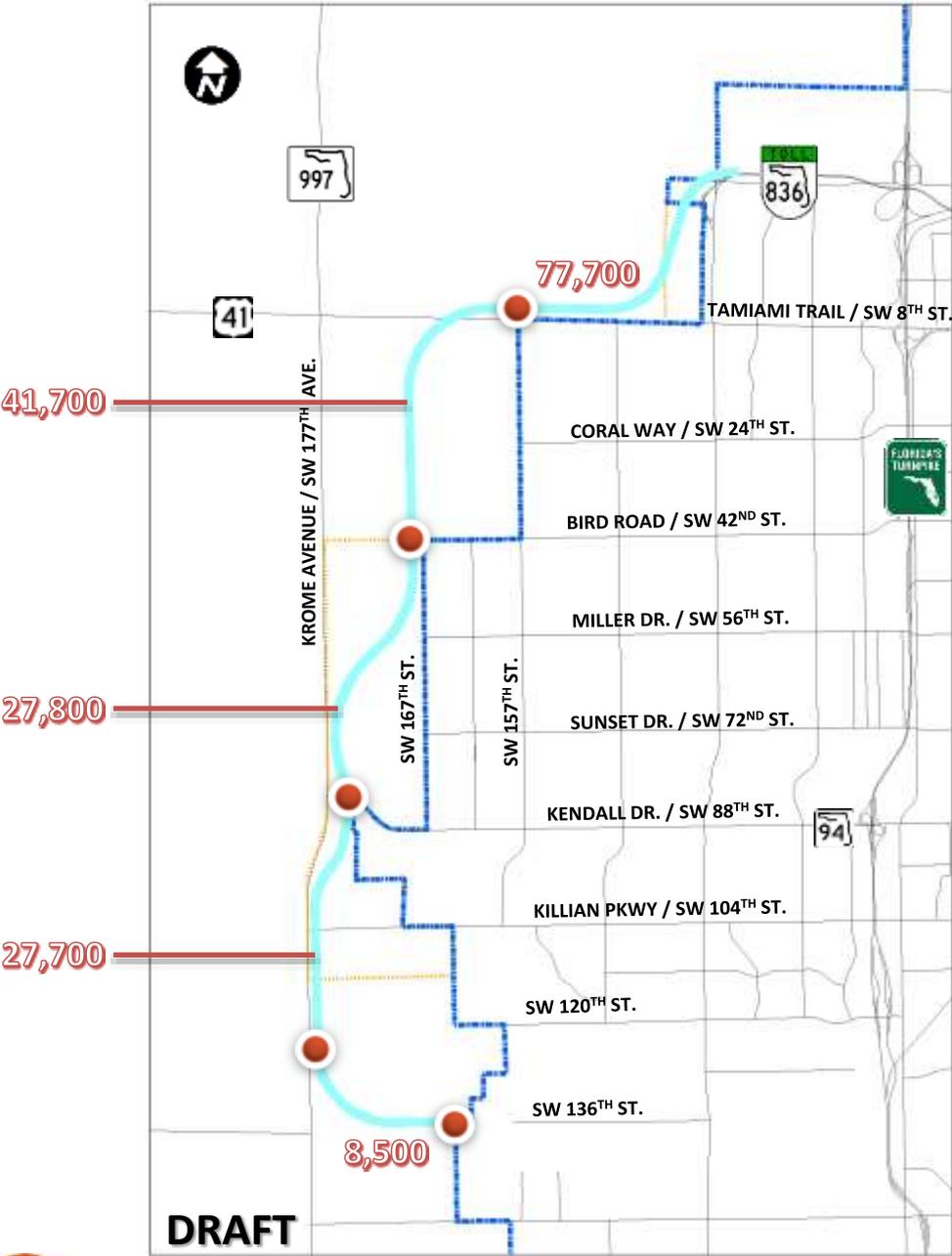


LEGEND

- 2020 Urban Development Boundary
- 2030 Urban Expansion Area



Corridor 1



LEGEND

- ▬▬▬ 2020 Urban Development Boundary
- - - - - 2030 Urban Expansion Area
- ▬▬▬▬▬ Corridor 1
- Potential Interchange Locations
- 77,000 Year 2050 Projected Average Daily Traffic*

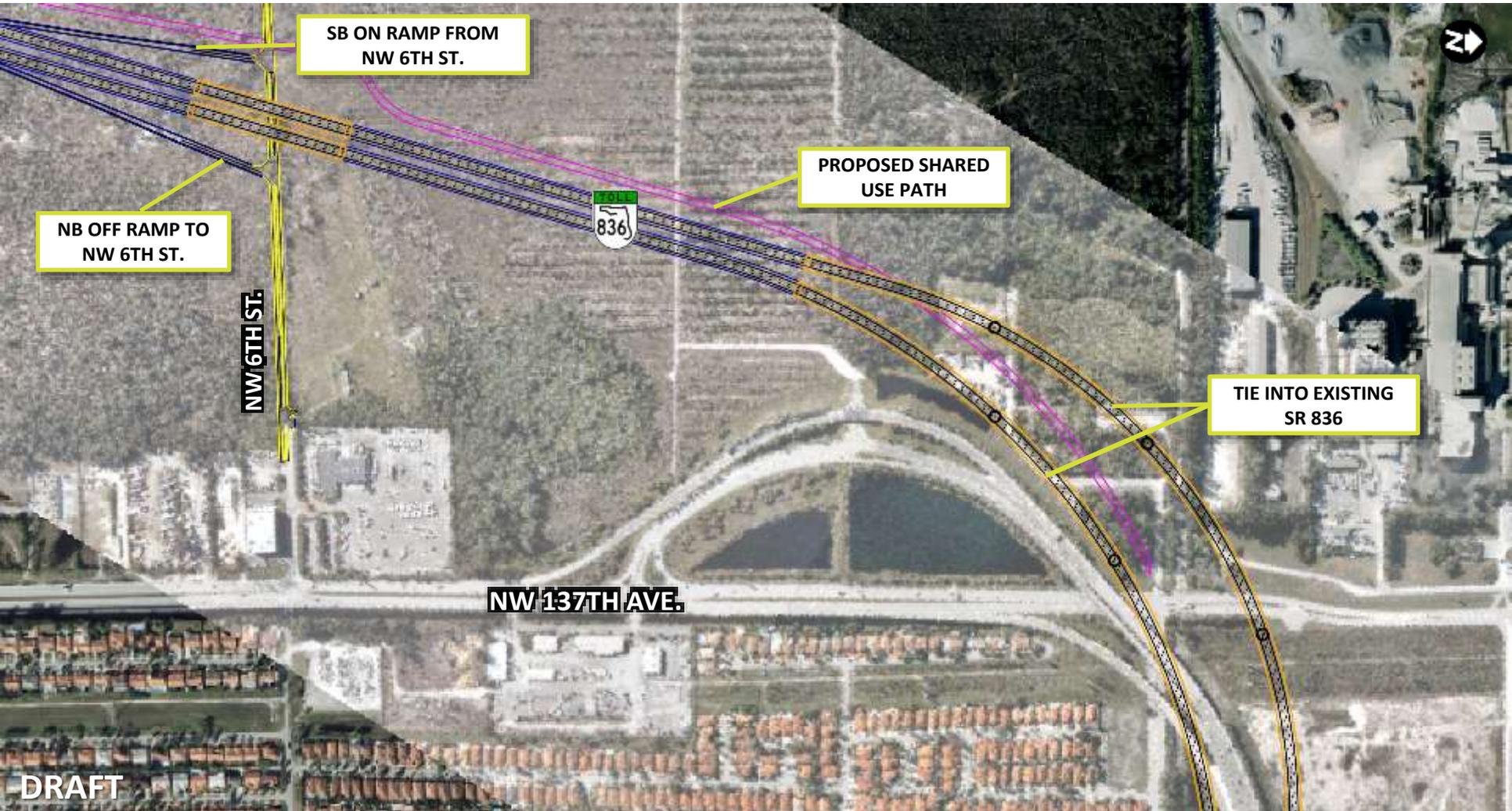
*Source: Southeast Regional Planning Model Version 6.5.4G



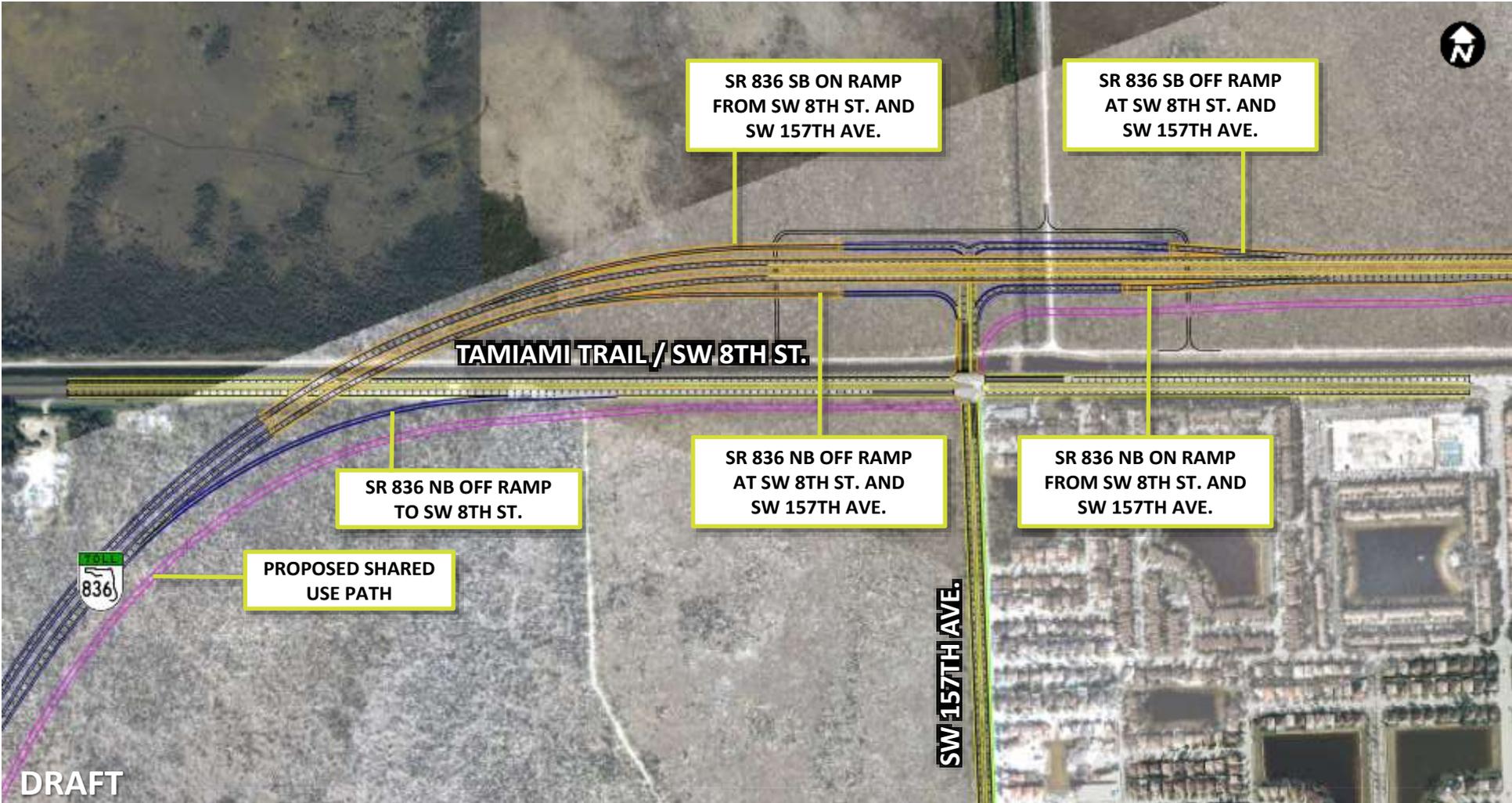
CORRIDOR

1

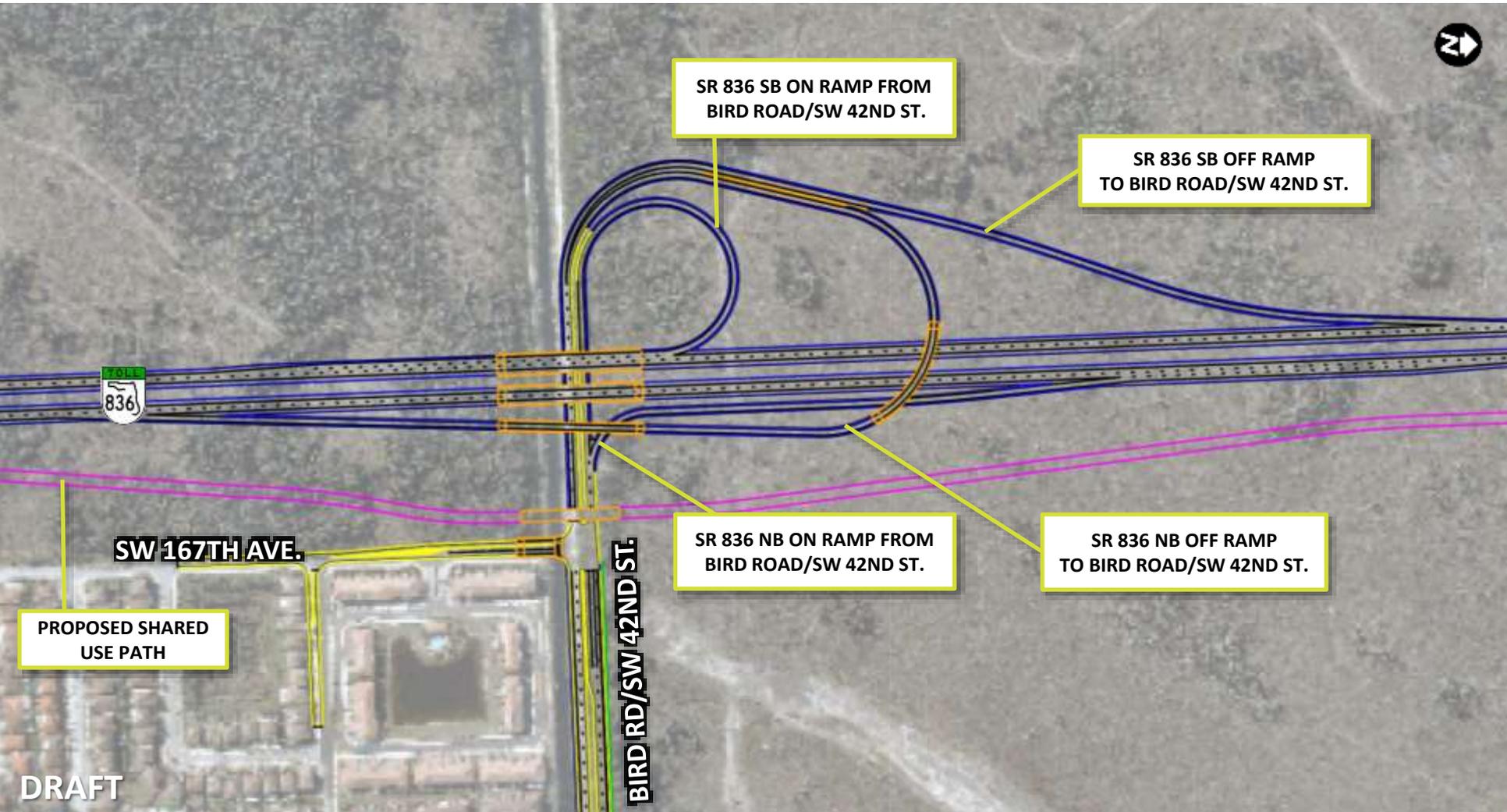
Tie into Existing SR 836



Interchange at Tamiami Trail / SW 8th Street and SW 157th Avenue



Interchange at Bird Road/SW 42ND Street



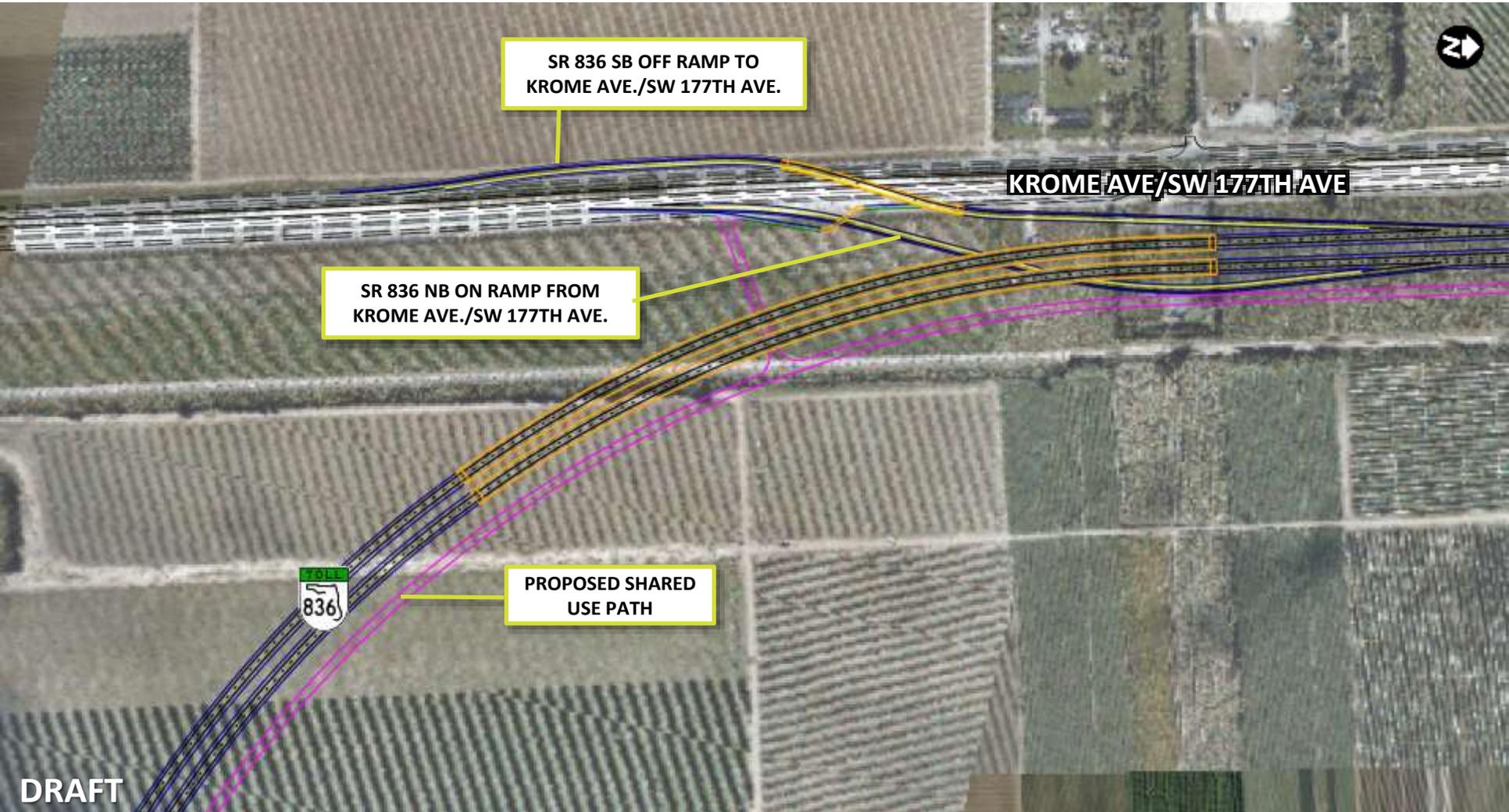
Interchange at Kendall Drive/SW 88th Street



DRAFT



Connect to Krome Avenue/SW 177th Avenue



CORRIDOR

1

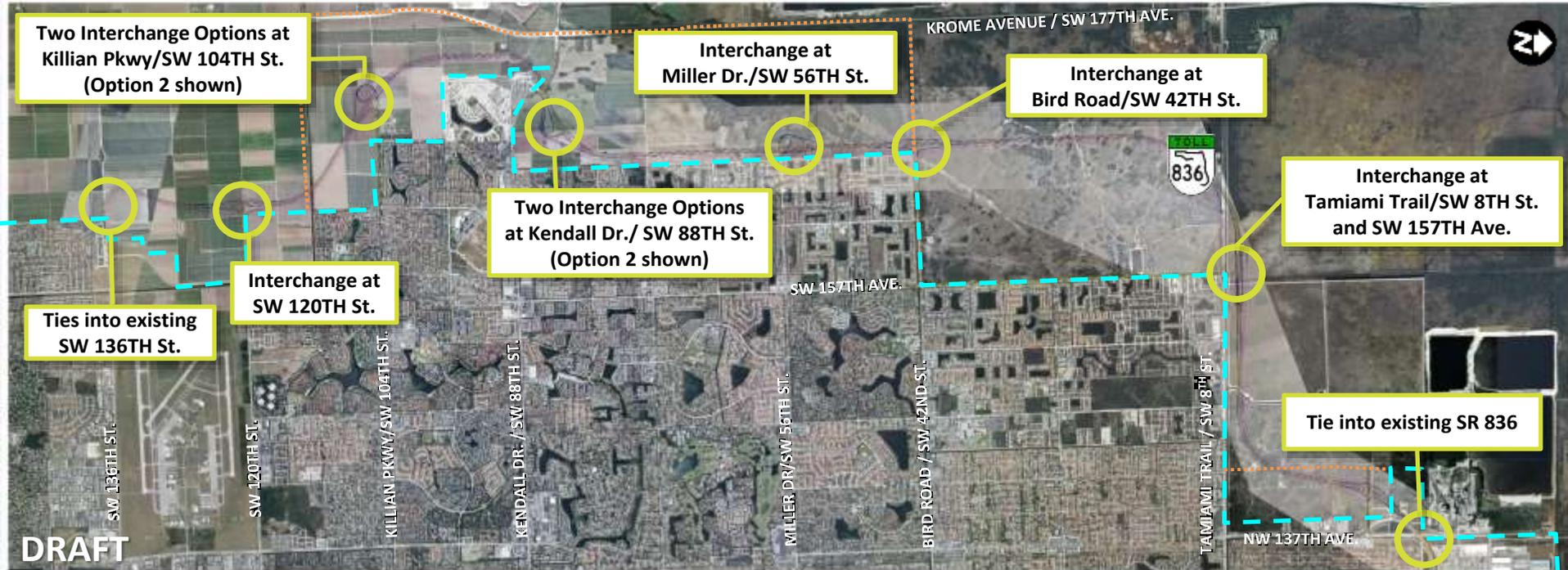
Tie into Existing SW 136th Street



DRAFT



Overview of Corridor 2

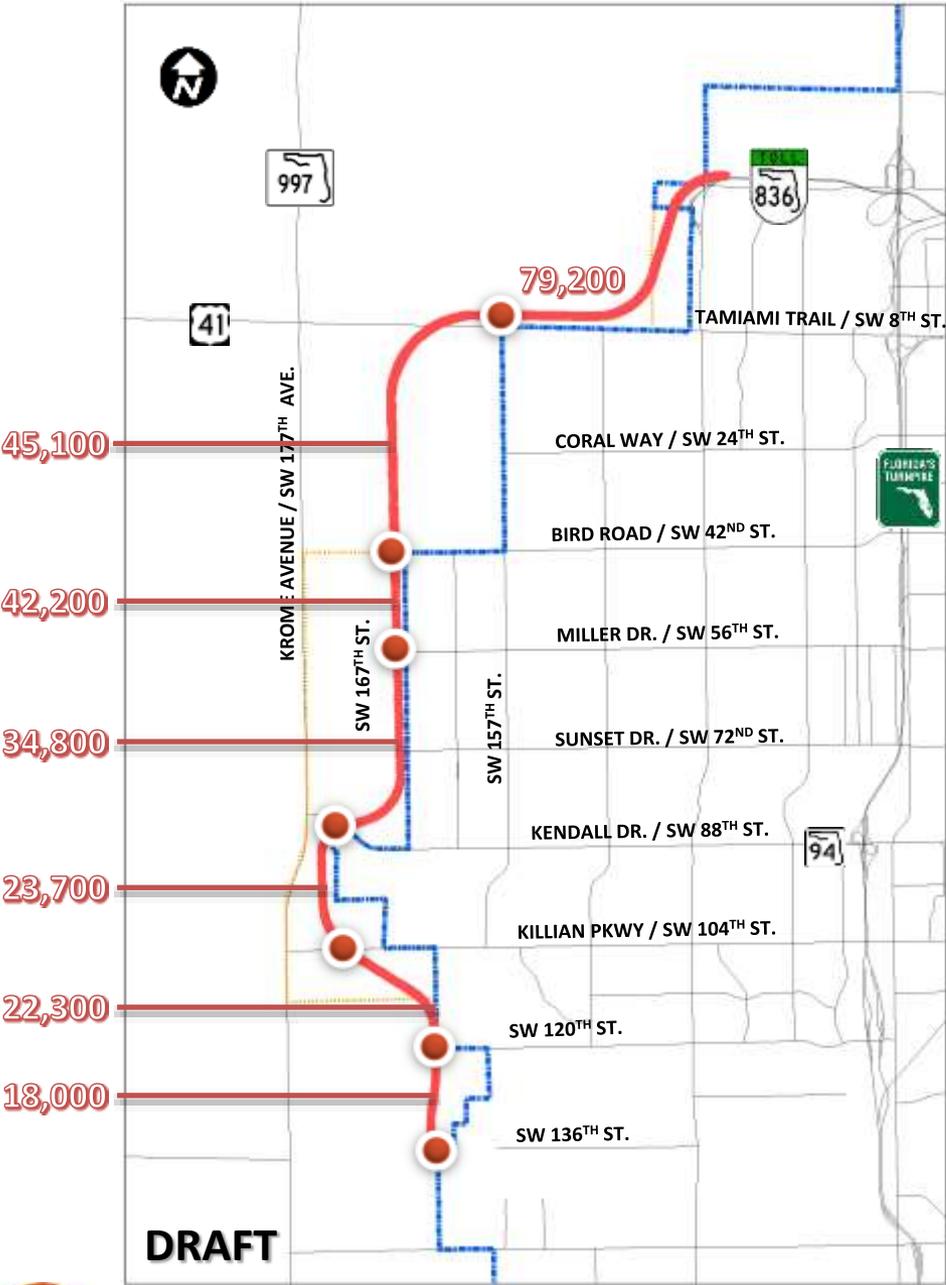


LEGEND

- 2020 Urban Development Boundary
- 2030 Urban Expansion Area



Corridor 2



- 2020 Urban Development Boundary
- 2030 Urban Expansion Area
- Corridor 2
- Potential Interchange Locations
- Year 2050 Projected Average Daily Traffic*

*Source: Southeast Regional Planning Model Version 6.5.4G



CORRIDOR 2

Tie into Existing SR 836



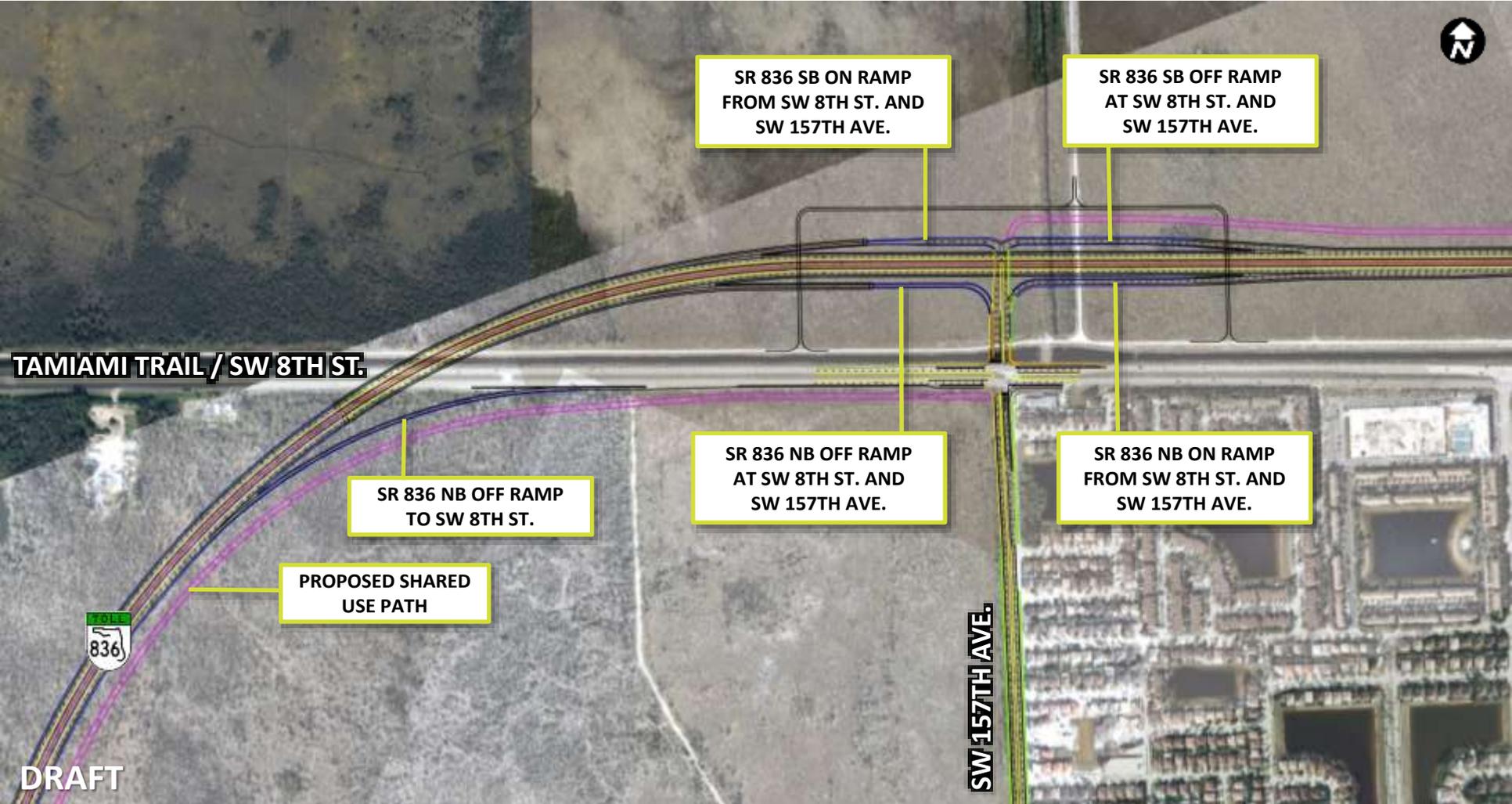
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CORRIDOR

2

Interchange at Tamiami Trail / SW 8th Street and SW 157th Avenue

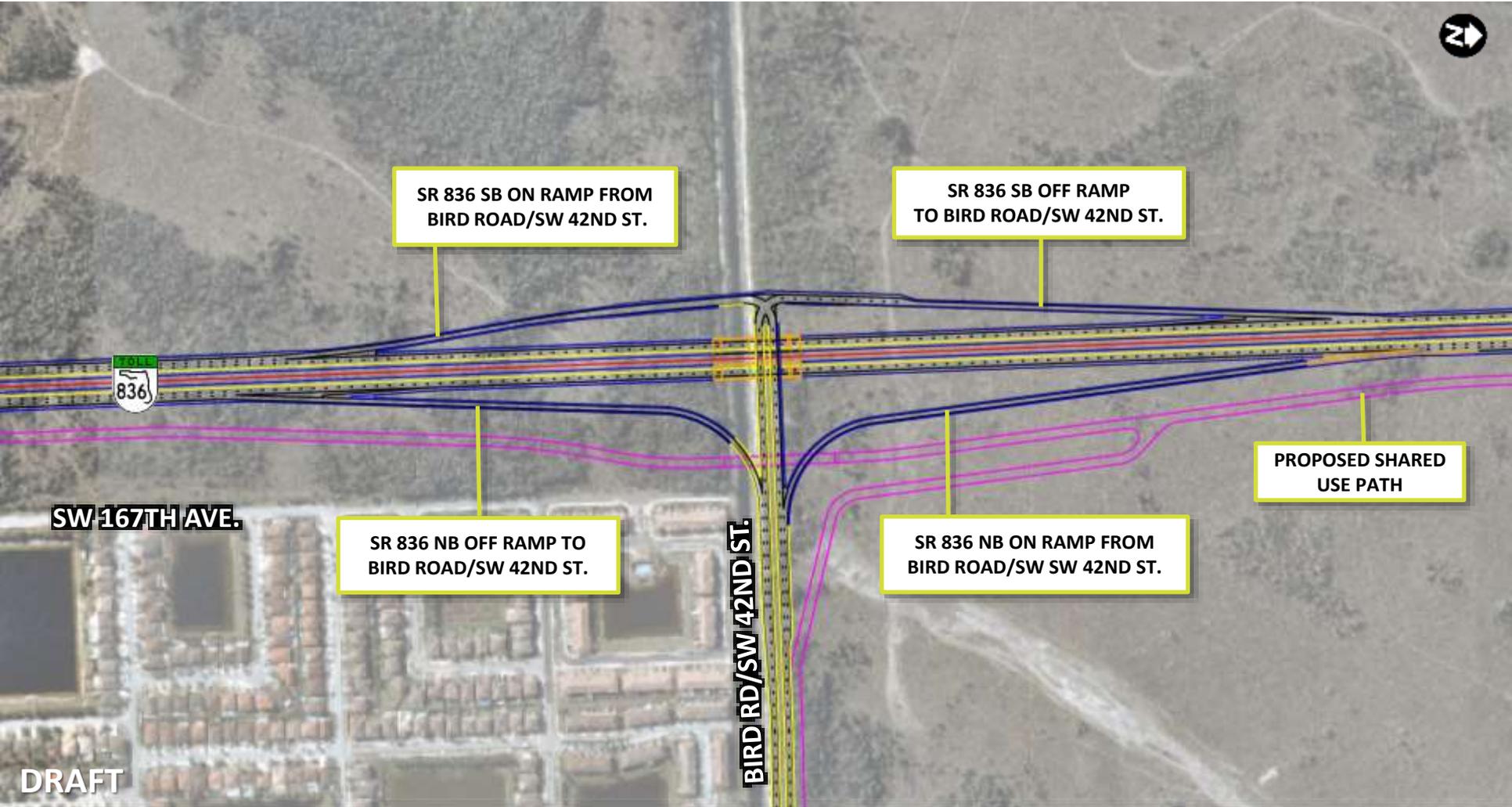


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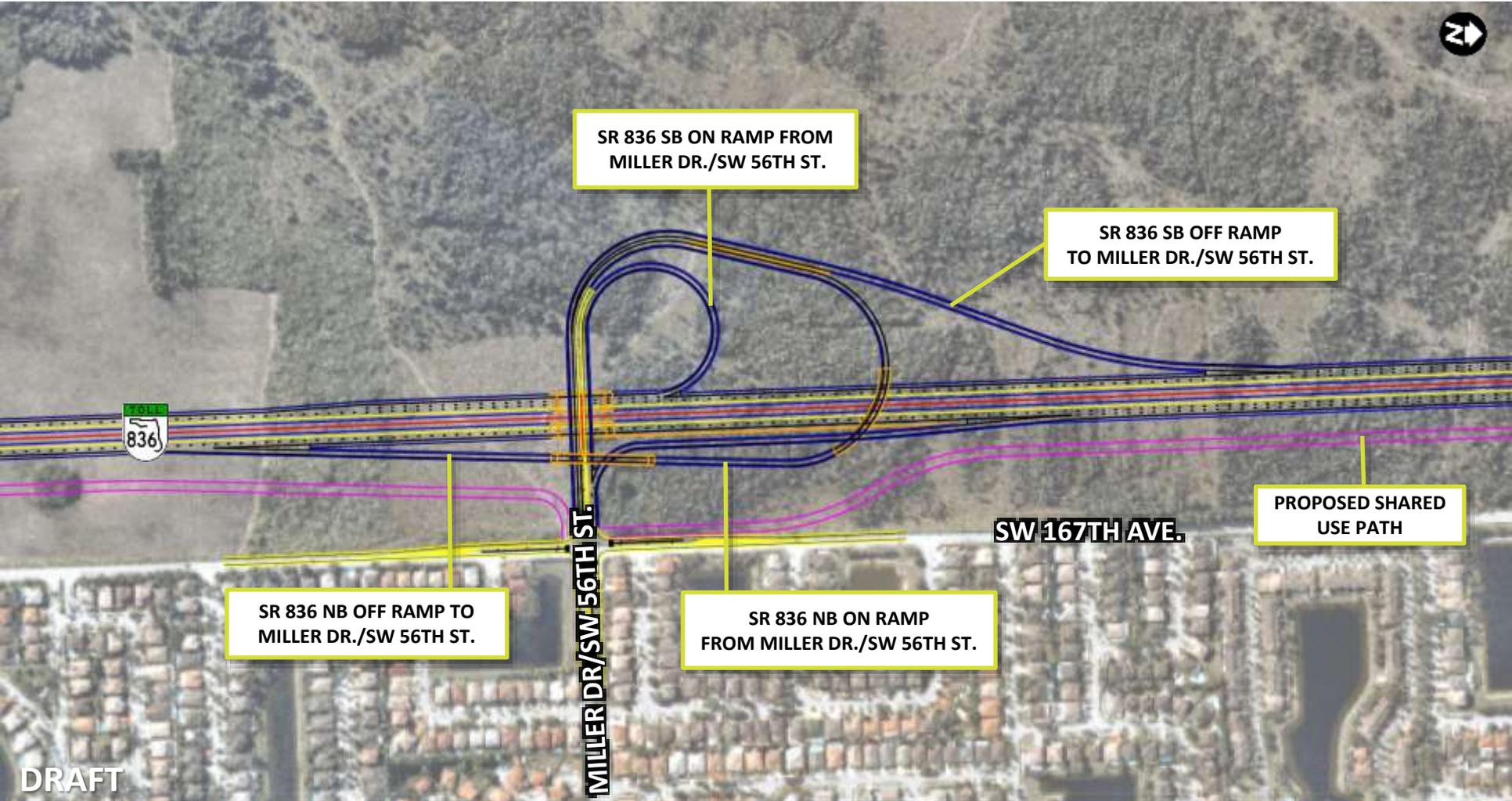
CORRIDOR 2

Interchange at Bird Road/SW 42ND Street



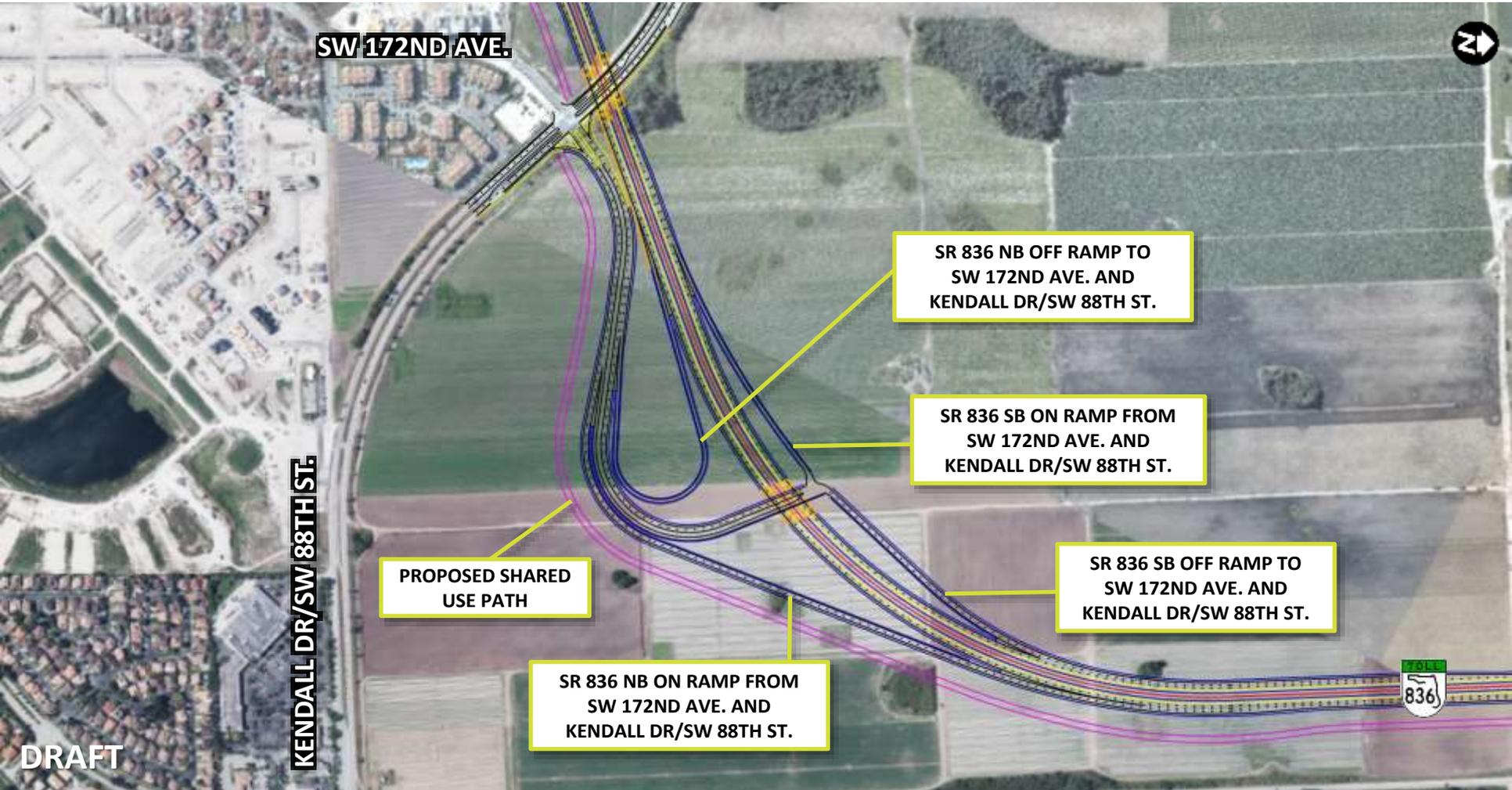
CORRIDOR 2

Interchange at Miller Drive/SW 56th Street



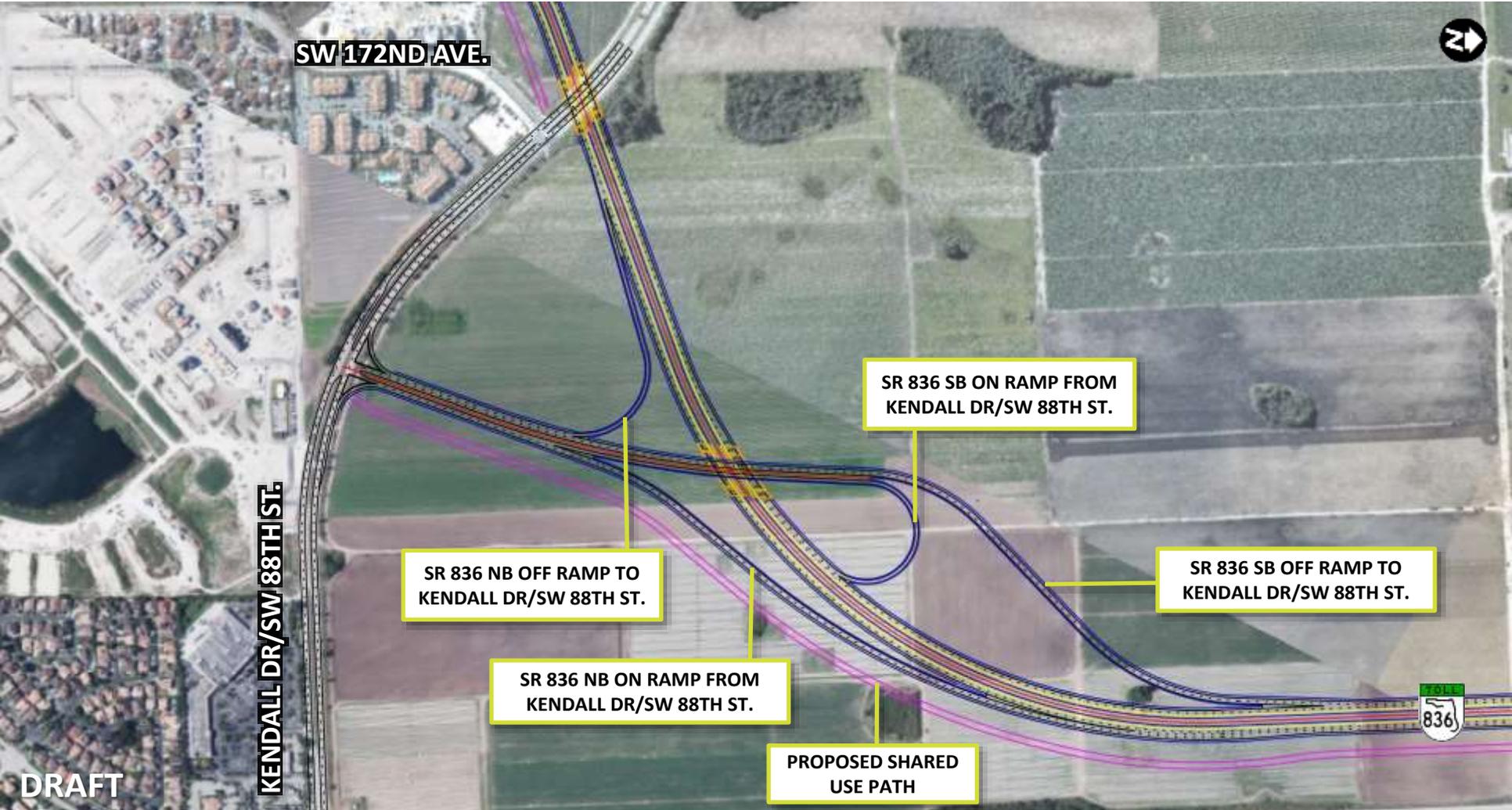
CORRIDOR 2

Option 1: Interchange at Kendall Drive/SW 88th Street



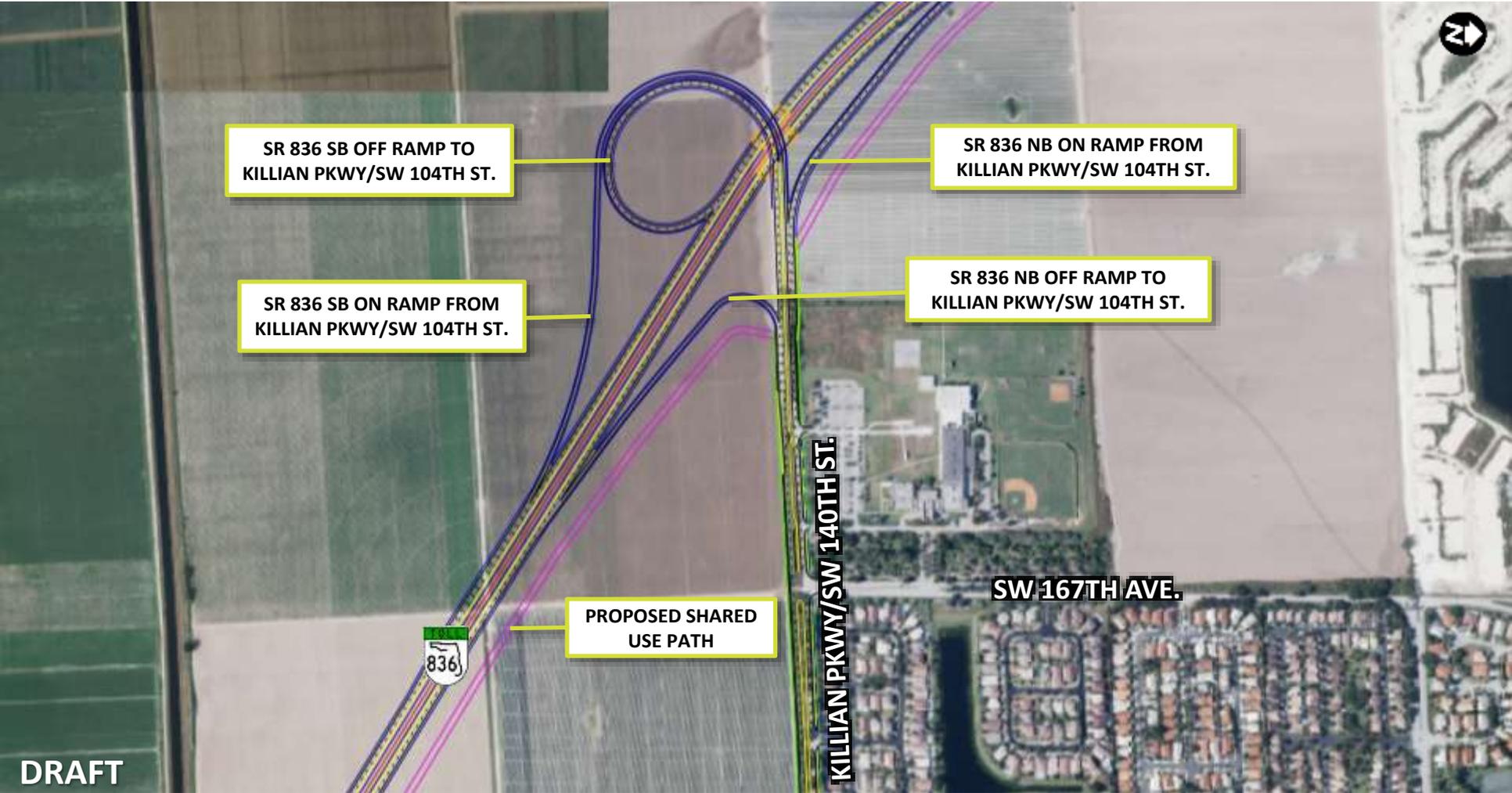
CORRIDOR 2

Option 2: Interchange at Kendall Drive/SW 88th Street



CORRIDOR 2

Option 1: Interchange at Killian Parkway / SW 104th Street

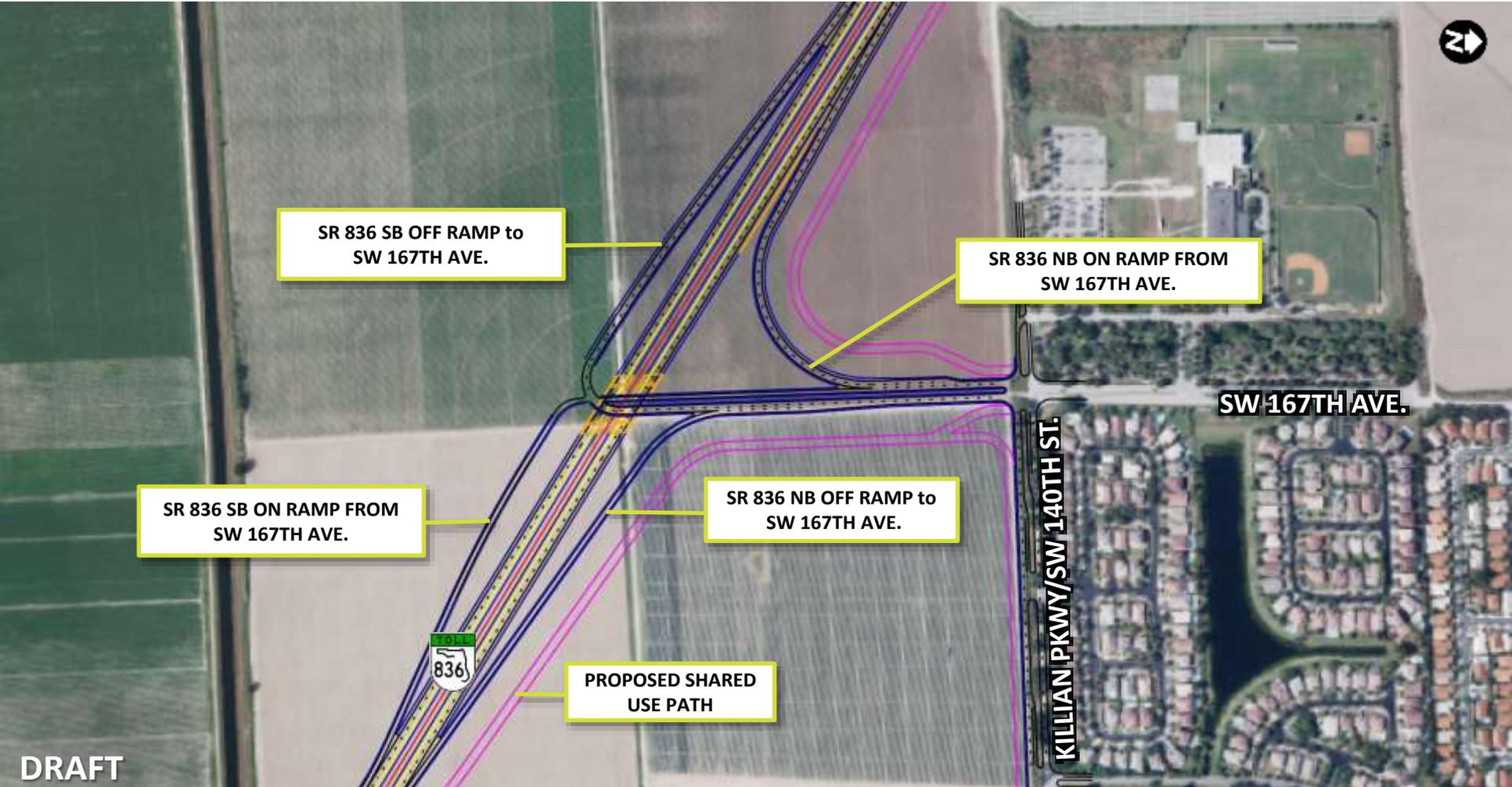


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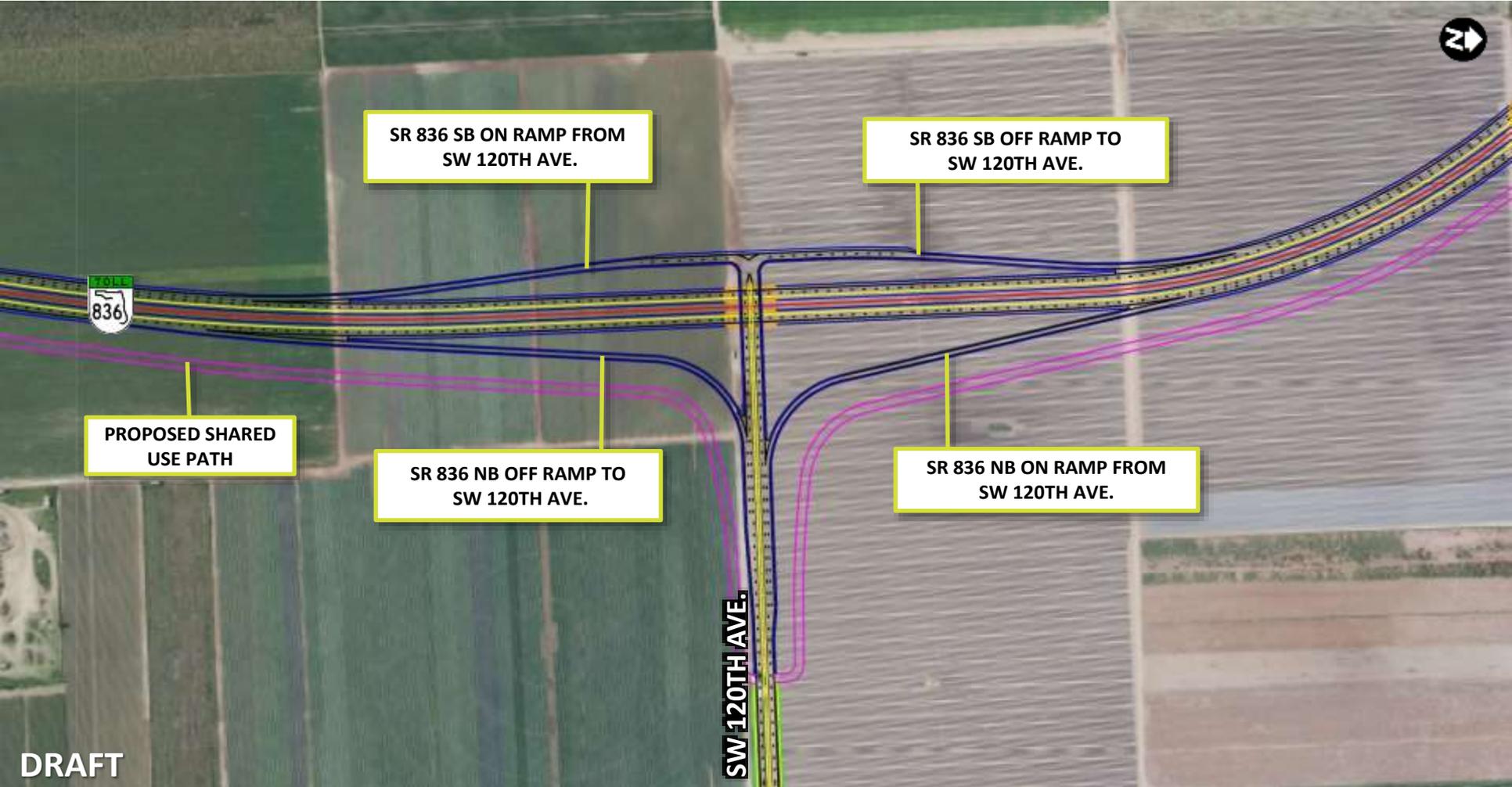
CORRIDOR 2

Option 2: Interchange at Killian Parkway/SW 104th Street



CORRIDOR 2

Interchange at 120th Street



CORRIDOR 2

Tie into Existing SW 136th Street



CONNECT TO EXISTING
SW 136TH ST.

PROPOSED SHARED
USE PATH

SW 162ND AVE.

SW 136TH ST.



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Comprehensive Development Master Plan (CDMP) Process

- Application filed by County upon request from Mayor Gimenez
 - Evaluating policies that recommend on site mitigation for unavoidable wetland impacts to the maximum extent practical
 - Confirming provisions for mass transit through XT lanes and future rapid transit envelope
 - Confirming provisions for proposed shared use path with connectivity to the County's existing and planned Greenways network
 - Coordinating Park and Ride facilities with County
 - Evaluating policies to prohibit use of facility to meet concurrency

CDMP Key Meetings

Wednesday, March 21, 7:00 pm Lawton Chiles Middle School 8190 NW 197 Street	Community Council 5 – Country Club Application 8 (SR 836 Extension)
Thursday, March 22, 6:30 pm Ruben Dario Middle School 350 NW 97th Avenue	Community Council 10 – Westchester Application 8 (SR 836 Extension)
Tuesday, April 3, 7:00 pm Kendall Village Center – Civic Pavilion 8625 SW 124 Avenue	Community Council 11 – Kendall Application 8 (SR 836 Extension)
Monday, April 9 Stephen P. Clark Government Center 111 NW 1 st Street	Planning Advisory Board
Wednesday, April 25 Stephen P. Clark Government Center 111 NW 1 st Street	Board of County Commissioners Public Hearing Transmittal of Application to State



Wednesday, April 18

Mayor Gimenez

Town Hall Meeting

John A. Ferguson High School

15900 SW 56 Street

Miami, Florida 33183

6:30 pm



THANK YOU

