



# BOCA RATON AIRPORT

## Airport Road Beautification & Access Improvements

Prepared For:  
**The Boca Raton Airport Authority**  
**Ricondo & Associates, Inc.**

Prepared By:  
**Hauber Fowler & Associates, LLC**  
October 17, 2018

# Airport Road – North Airport Road (Looking South)



# Airport Road – North Airport Road Existing Conditions (Looking South)



Image capture: Jan 2017 © 2018 Google United States Terms Report a problem

Lower this image so it isn't as overpowered by the flowers. That comment was made. Add the bike lane symbol and a biker.

## Airport Road – Design Details – Airport Signage



## Airport Road – Business Entry Existing Conditions



# Airport Road – Business Entry Design Sketch



# Airport Road – Business Entry Design Image



# Airport Road – (Driving North)





# Airport Road – (Driving North)



# Airport Road – Business Entry Section



Airport Road & Business Entry Cross Section

# Airport Road – Design Details – Lighting Improvements



## Airport Road – Design Details – Biking Improvements



# Airport Road – Design Details – Walkway Improvements



## Airport Road – Design Details – Landscape Improvements



# Airport Road – Roadway and Area Classification (Palm Beach County Complete Streets Design Guidelines – 2017)



The Palm Beach County Complete Streets Guidelines identify Airport Road Area as **C3C Suburban Commercial**.

## 3 | Multimodal Street Typology Framework

### Chapter 3. Multimodal Street Typology Framework

#### Framework

Typology is a common approach to categorizing elements by similar characteristics. This approach allows for planning and treatment identification based on a reflection of a typology's defining elements. In the context of Complete Streets, identifying both streets and land use context by typologies allows for a context-sensitive approach to design. A framework for categorizing the street network includes understanding the urban context and the balance between land use & transportation modes. Understanding the roles and relationships of a street with its surrounding context is a critical step in the Complete Streets design approach.

This chapter identifies a range of street types and general land use types for Palm Beach County. Examples have been selected that illustrate typical typology conditions. In addition, maps are included that display the results of an analysis of Palm Beach County streets and land use that categorized local conditions according to the typology framework developed. The typology will be used in the next chapter as a basis for establishing various aspects of Complete Streets design guidelines.

The approach to categorizing streets and general land use is complementary with FDOT's recommended approach for Complete Streets:

*Complete streets is a way to think about and design context-sensitive roads. Your community will benefit from a clear vision and plan for indicating areas of walkability and urban development. Establishing this "context" will then allow "context-based" streets to support the desired community vision.*

*Ideally, the community vision will include a form-based classification of contexts. FDOT's [Context Zone Classifications] rely primarily on the physical characteristics of a place to determine context. Non-physical characteristics, such as zoning or future land use plans, are considered as secondary measures when the physical form today does not match the desired design of the roadway. Having a form-based coding system helps insure future physical form will match future desired context.*

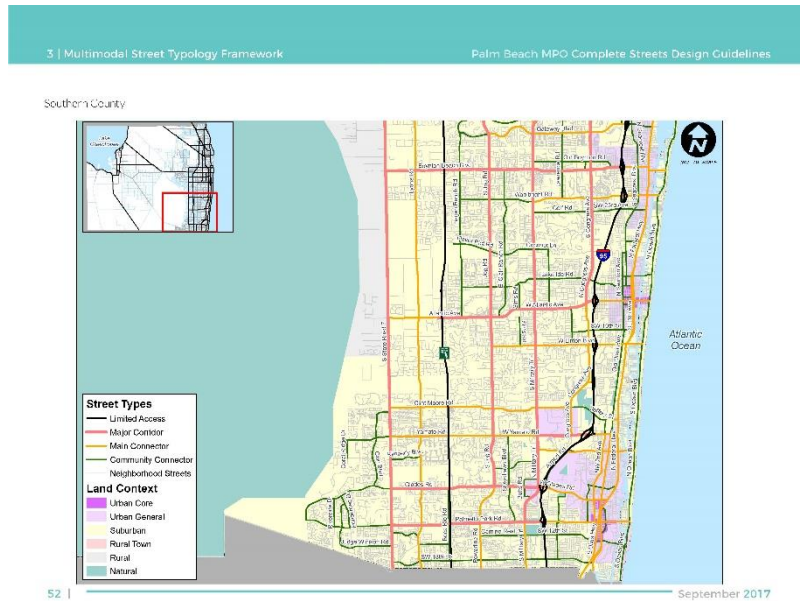
Source: FDOT: <http://www.fdot.gov/roadway/csl/faq.shtml>



C1-Natural   C2-Rural   C2T-Rural Town   C3R-Suburban Residential   C3C-Suburban Commercial   C4-Urban General   C5-Urban Center   C6-Urban Core

FDOT's Context Zone Classifications

# Airport Road – Roadway and Area Classification (Palm Beach County Complete Streets Design Guidelines – 2017)



The Palm Beach County Complete Streets Guidelines identify Airport Road as a **Community Connector**.

4 | Blended Typology Approach Palm Beach MPO Complete Streets Design Guidelines

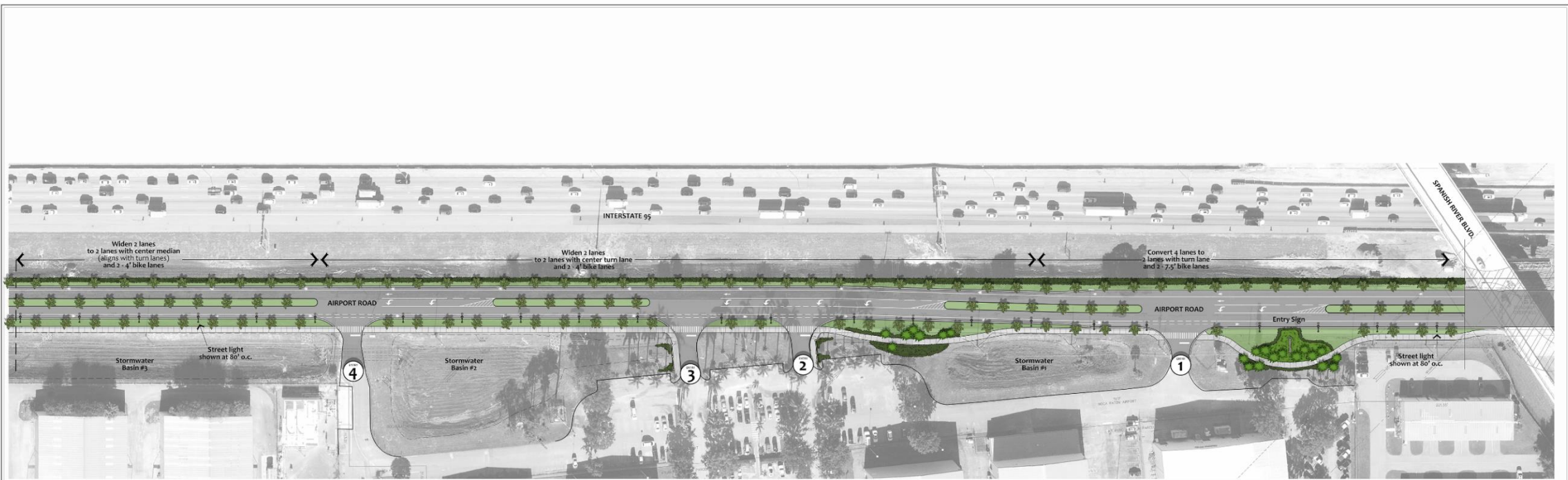


Typical (Constrained)	Frontage Zone (ft)	Pedestrian Zone (ft)	Furnishing Zone (ft)	Curb Zone (ft)	Bicycle Facility (ft)	Through Lane (ft)	Half of Center Median (ft)	Total ROW Width (ft)
Urban Core	4	10	6	2	8	10	*	80
Urban General	3	10	6	2	8	11	*	80
Suburban	3 (1)	10 (8)	6 (8)	2	8 (5)	11	*	80 (60)
Rural Town	3	12	9 (4)	2	8	11	15	120 (110)
Rural	1	6	2	15 (13)	8 (5)	11	15 (0)	120 (80)
Natural	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

- NOTES**
- Dimensions shown in the table reflect typical values with constrained values shown in parentheses.
  - Design speed in any land use with 10' lanes is assumed to be 35 mph or less.
  - Separated or raised bicycle lanes are preferred because they are most likely to attract a wider range of bicyclists.
  - Where driveway density and/or drainage concerns prevent the introduction of separated or raised bicycle lanes, buffered bicycle lanes are acceptable.
  - When used, on-street parking should be provided in the roadway realm with a total width of 8 feet, which may be inclusive of an 18-inch gutter pan on curb-and-gutter roadways.
  - N/A refers to street type and land use typology combinations that do not occur within Palm Beach County.
  - \*Median not applicable for urban core, urban general, and suburban land uses. Opposing directions may be separated by traffic striping.



# Airport Road – Master Roadway Improvement Plans



ATLANTIC AVIATION

RELIABLE JET

## Boca Raton Airport - Beautification & Access Improvements Airport Road Design Study

September 17, 2018

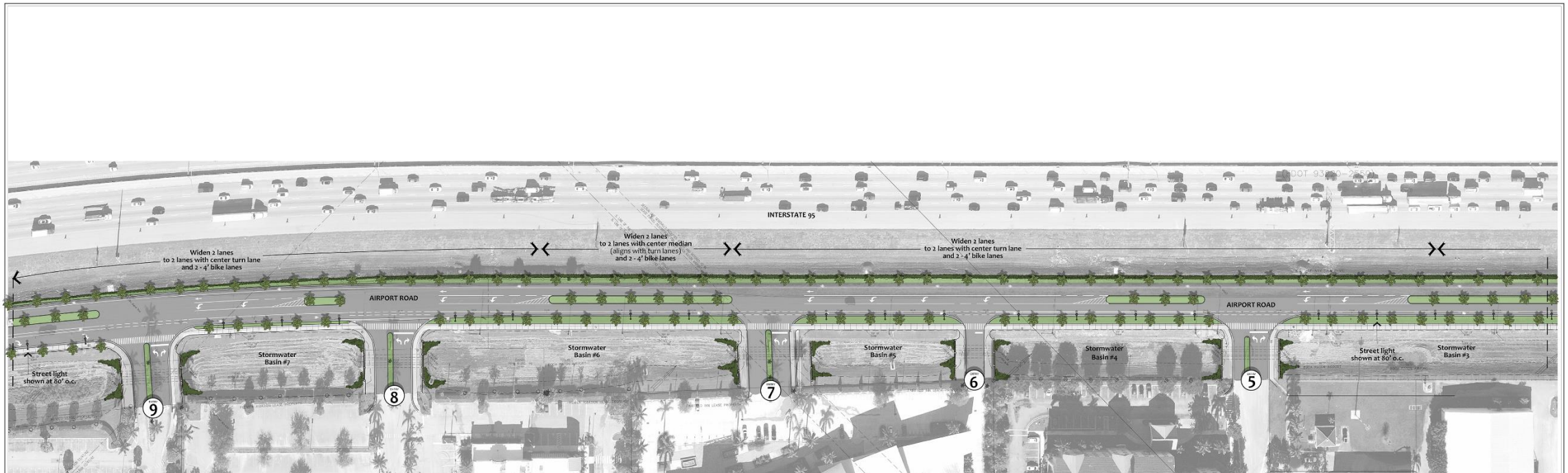
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1 of 3



# Airport Road – Master Roadway Improvement Plans



SIGNATURE AVIATION and BOCA AIRCRAFT

TILTED KILT and MATTRESS FIRM

CITY FURNITURE

FAIRFIELD INN

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# Airport Road – Master Roadway Improvement Plans



BOOMERS

PALACE 20 THEATER

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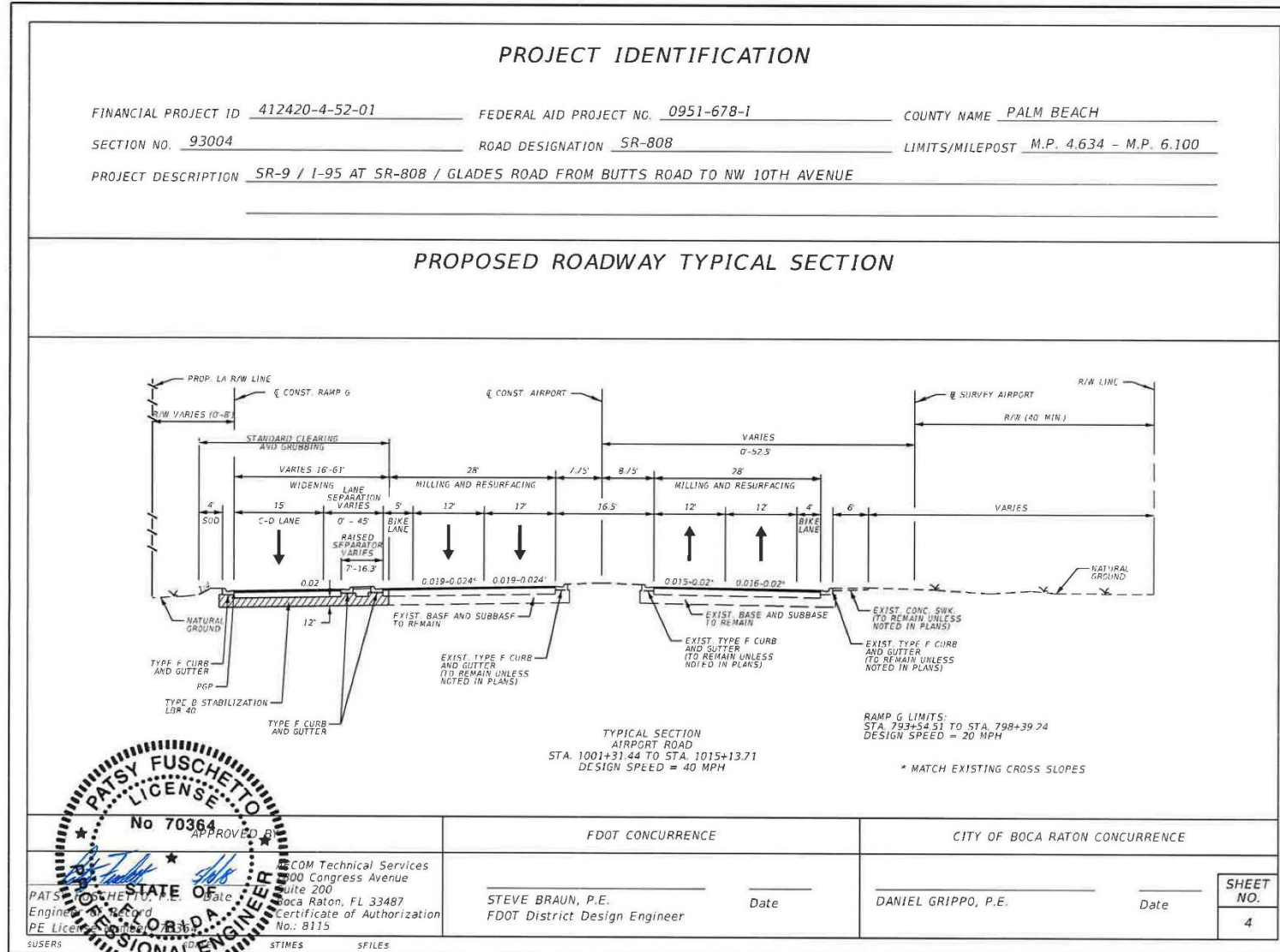
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# Airport Road – Florida Department of Transportation (FDOT) Intersection Improvement Plans



## Airport Road – Summary of Design , Engineering, and Construction

1. **Florida Power & Lighting Underground** - Airport Section of Airport Road
2. **Turn Lane and Road Widening** – From Glades Road to Spanish River Boulevard.
3. **Complete Streets** - Adding Bike Lanes, Wider Walks, Improved Lighting, and Landscape
4. **Lighting Improvements** – Roadway & Pedestrian
5. **Airport Road Identity** - Signage and Banners
6. **Airport Road Access Improvements** – Consistent Signage and Wayfinding

1. **Airport Authority – Roadway Improvement Funds**
2. **Palm Beach County and the Transportation Planning Agency (TPA) - Local Initiatives Program**  
December 2018 Application Opens  
March 2019 Application Closes



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