

TRANSPORTATION SYMPOSIUM

2019

Transportation Landscape Architecture
Coordination with Federal Aviation Administration

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Presentation Overview

- Applicable FDM Criteria
- Airport Locations within Florida
- Case Study
- Other Factors To Consider
- FAA Websites & Tools
- FAA Notice Process
- FAA Resources & Contacts
- Questions



FDM Criteria Overview

- Section 110.5.1 Aviation and Spaceports

110.5.1 Aviation and Spaceports

Coordinate with the District Aviation Coordinator when a project is within 10 nautical miles (11.5 statute miles) of an airport or spaceport.

Federal, state, and local regulations exist to protect the national airspace system and must be considered when planning and implementing construction that may adversely impact:

- (1) Military or public-use aviation facilities (airport, seaport, or heliport),
- (2) Navigational or communication facilities, or
- (3) Instrument approach flight procedures.

Federal law, [Title 14 Code of Federal Regulations \(CFR\), Federal Aviation Regulations \(FAR\), "Part 77, Subpart B – Notice Requirements"](#) (**Part 77, Subpart B**) requires that prior notification be given to the Federal Aviation Administration (FAA) regarding any proposed construction or alteration (permanent or temporary) of structures. Refer to **FDM 110.5.1.2** for FAA notification requirements.

Note: This was previously 5 nautical miles and changed with the release of the 2018 FDM.

FDM Criteria Overview

- Section 110.5.1 Aviation and Spaceports

Structures may include:

- Traverseways
 - Interstate Highways
 - Public Roadways
 - Private Roads
 - Railroads
 - Waterways
 - Other traverse ways
- Parking or rest areas
- Bridges and overpasses
- High-mast light poles
- Utility poles
- Antenna towers
- Buildings
- Signs or billboards
- Fences or gates
- Temporary-use construction materials or equipment, including dirt piles and cranes
- Natural growth, vegetation, and landscaping, depending on proximity to an aviation facility, navigational aid, or instrument procedure ground track

Airport Locations



Airport Locations

State Roads



Airport Locations

State Roads

Interstate / Highway



Airport Locations

State Roads

Interstate / Highway

Airports



FAA Regulated Airports

State Roads

Interstate / Highway

Airports

5 Nautical Mile Radius (5.75 Statue Miles)
Pre-2018 Criteria



FAA Regulated Airports

State Roads

Interstate / Highway

Airports

5 Nautical Mile Radius (5.75 Statue Miles)
Pre-2018 Criteria

10 Nautical Mile Radius (11.5 Statue Miles)
Current Criteria



FDM Criteria Overview

- Section 110.5.1 Aviation and Spaceports

110.5.1.1 Required Coordination

For guidelines on airspace obstruction permitting, refer to *Chapter 333, Florida Statutes (F.S.)*, "Airport Zoning", and *Chapter 14-60, Florida Administrative Code*, "Airport Licensing and Airspace Protection".

While the responsibility for filing FAA notifications and local government permitting applications for Airspace Obstruction Permits, if applicable, rests with the Engineer of Record, the FDOT Aviation and Spaceports Office provides technical assistance on proposed projects to determine impact to the national airspace system in Florida. Please direct your inquiries to the following:

FDOT Aviation and Spaceports Office
Airspace and Land Use Manager
605 Suwannee St., M.S. 46
Tallahassee, FL 32399-0450
Tel: (850) 414-4500
<http://www.fdot.gov/aviation/>

Contact:

Greg Jones
Airspace and Land Use Manager
Aviation and Spaceports Office
850-414-4502
Greg.Jones@dot.state.fl.us

FDM Criteria Overview

- Section 110.5.1 Aviation and Spaceports

110.5.1.2 FAA Notification Guidelines

Part 77 – Subpart B requires that prior notification be given to the FAA regarding any proposed construction or alteration of structures that exceeds the criteria of *Part 77, Subpart B*. The FAA provides a [Notice Criteria Tool](https://oeaaa.faa.gov/) via the Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) website (<https://oeaaa.faa.gov/>) that should also be used to determine if notice to the FAA is required due to possible obstruction of navigation or communication facilities.

If FAA notification is required, [FAA Form 7460-1, “Notice of Proposed Construction or Alteration”](#) can be submitted either electronically through the FAA’s Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) website, or manually to the FAA Southern Regional Office in Atlanta. Submitting electronically is the preferred notification method. Submission of the **Form 7460-1** will result in the FAA issuing a Determination whether the proposed structure constitutes a hazard to air navigation. If the structure is determined to be a hazard the construction may not proceed, according to **Chapter 333, F.S.** The Form must be submitted at least 45 days before the earlier of the following dates:

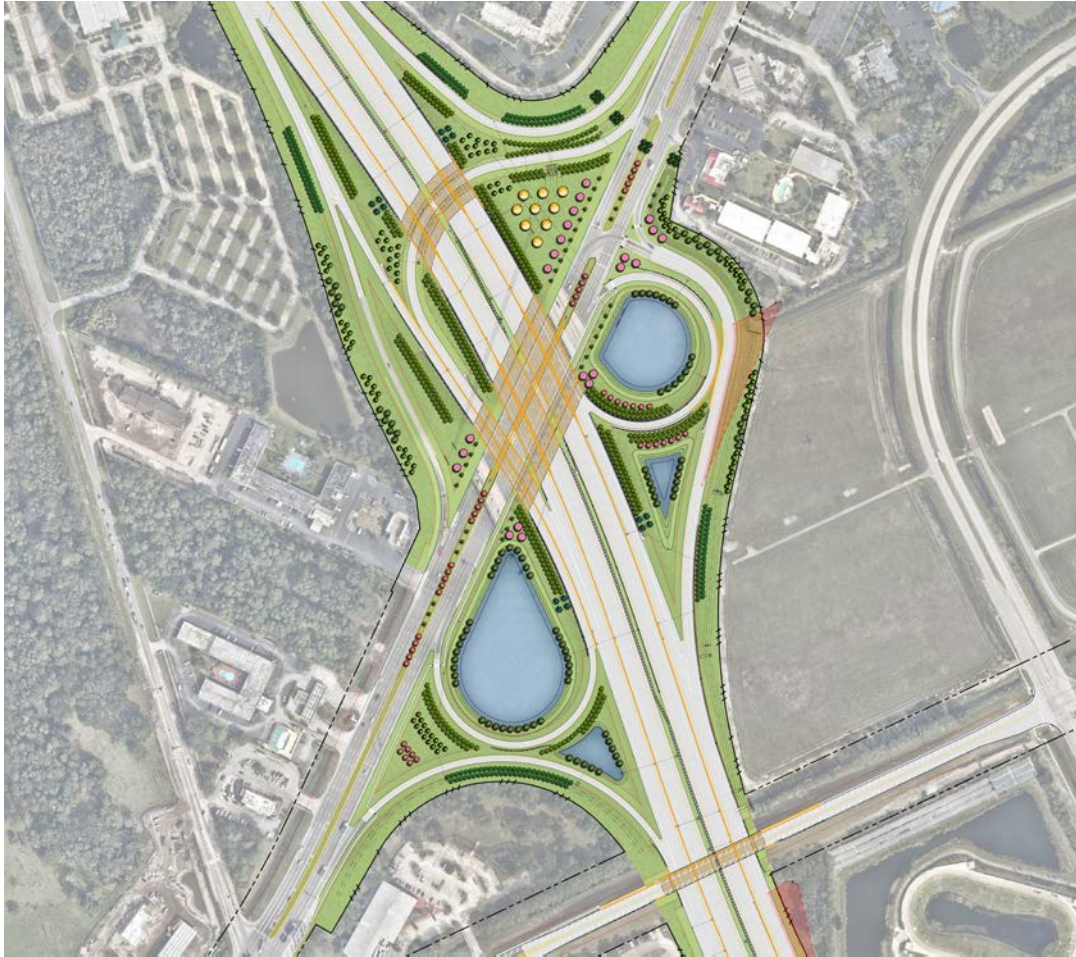
- (1) Date proposed construction or alteration is to begin.
- (2) Date an application for a construction permit is to be filed.

FAA Process Overview

- Is any portion of the project within 10 nautical miles of an airport runway?
- If yes, utilize the FAA Notice Criteria Tool to determine if Notice to the FAA is required.
- If Notice is required, submit FAA Form 7460-1 for each structure (referred to as cases).
- The FAA will then perform an aeronautical study and provide a determination for each case if the proposed structure is a hazard to the airspace.
- If it is determined that a particular structure is a hazard, plans must be modified.
- If approved, Determination is good for 18 months.

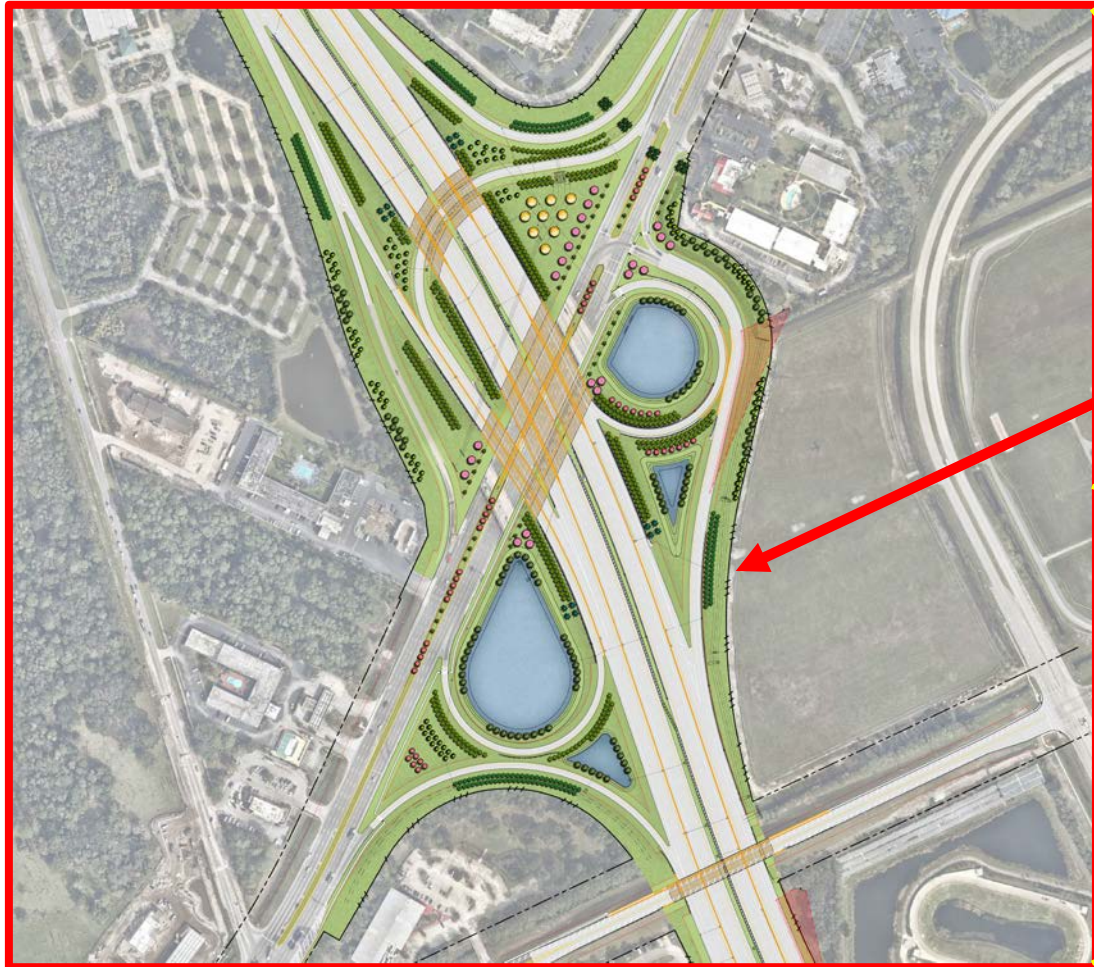
Case Study: I-95 & International Speedway Blvd Interchange

- Bold Landscape Project in District 5 (Volusia County)



Case Study: I-95 & International Speedway Blvd Interchange

- Bold Landscape Project in District 5 (Volusia County)

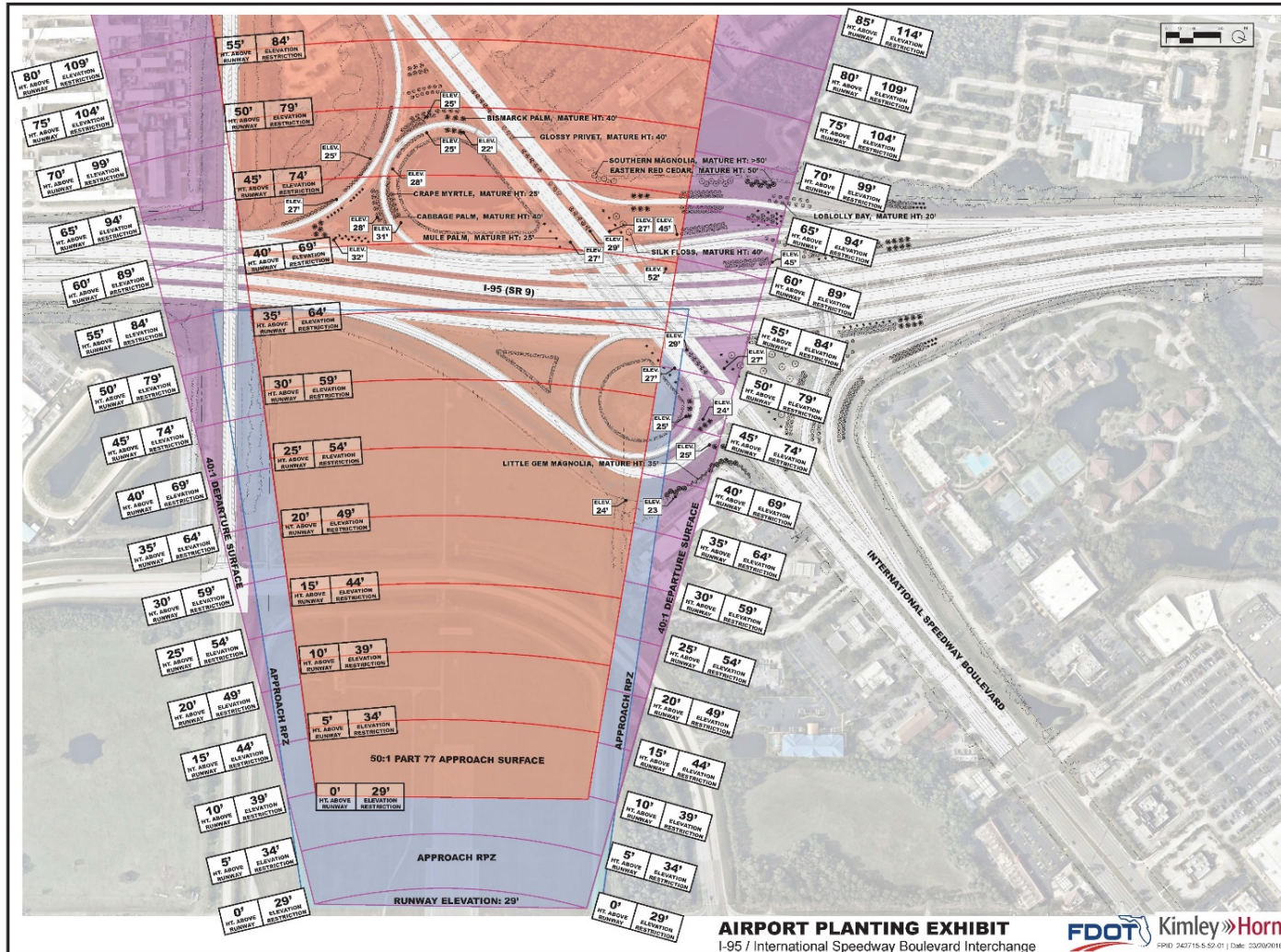


Airport Coordination

Coordination with appropriate Airport Management to ensure airport review of safety issues which may include:

- Smoke generated by the equipment being used.
- Tall structures, to include cranes, light poles, signs, landscaping, etc. during and after construction that may penetrate the Federal Aviation Regulations (FAR), Part 77 surfaces to the airport.
- Lighting used during nighttime operations, and that it is shielded from projecting upwards and outward, which could cause blindness or confusion by approaching and departing aircraft.
- Stockpiling of material or stormwater pond locations that could attract wildlife.
- Airport specific list of plant species known to attract wildlife.

Case Study: I-95 & International Speedway Blvd Interchange



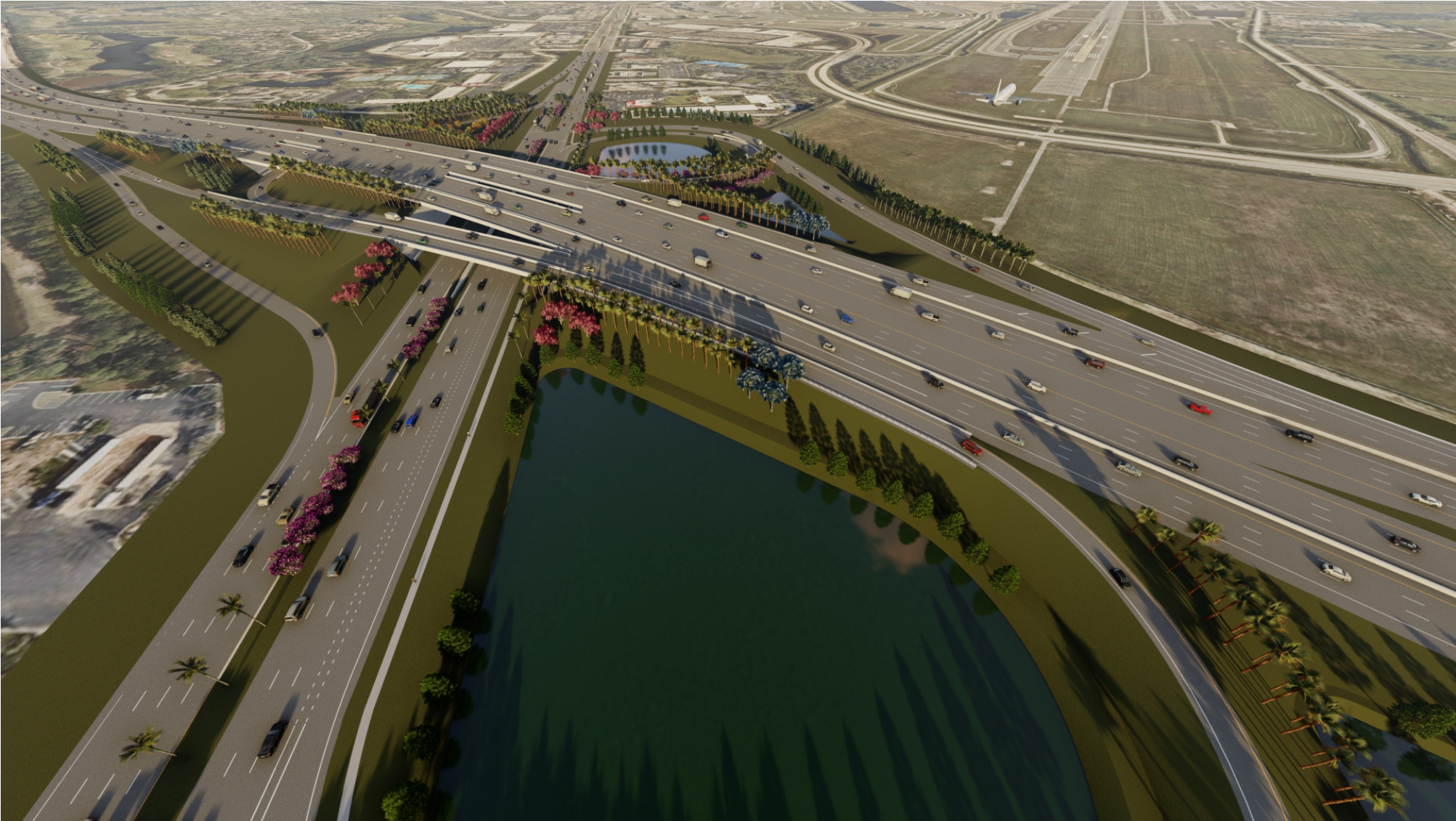
Overlay of:

- Runway Protection Zone (RPZ)
- Approach Surface (50:1)
- Departure Surface (40:1)

Evaluation of:

- Existing Elevations
- Mature Tree Heights of Proposed Landscape

Preliminary Conceptual Rendering



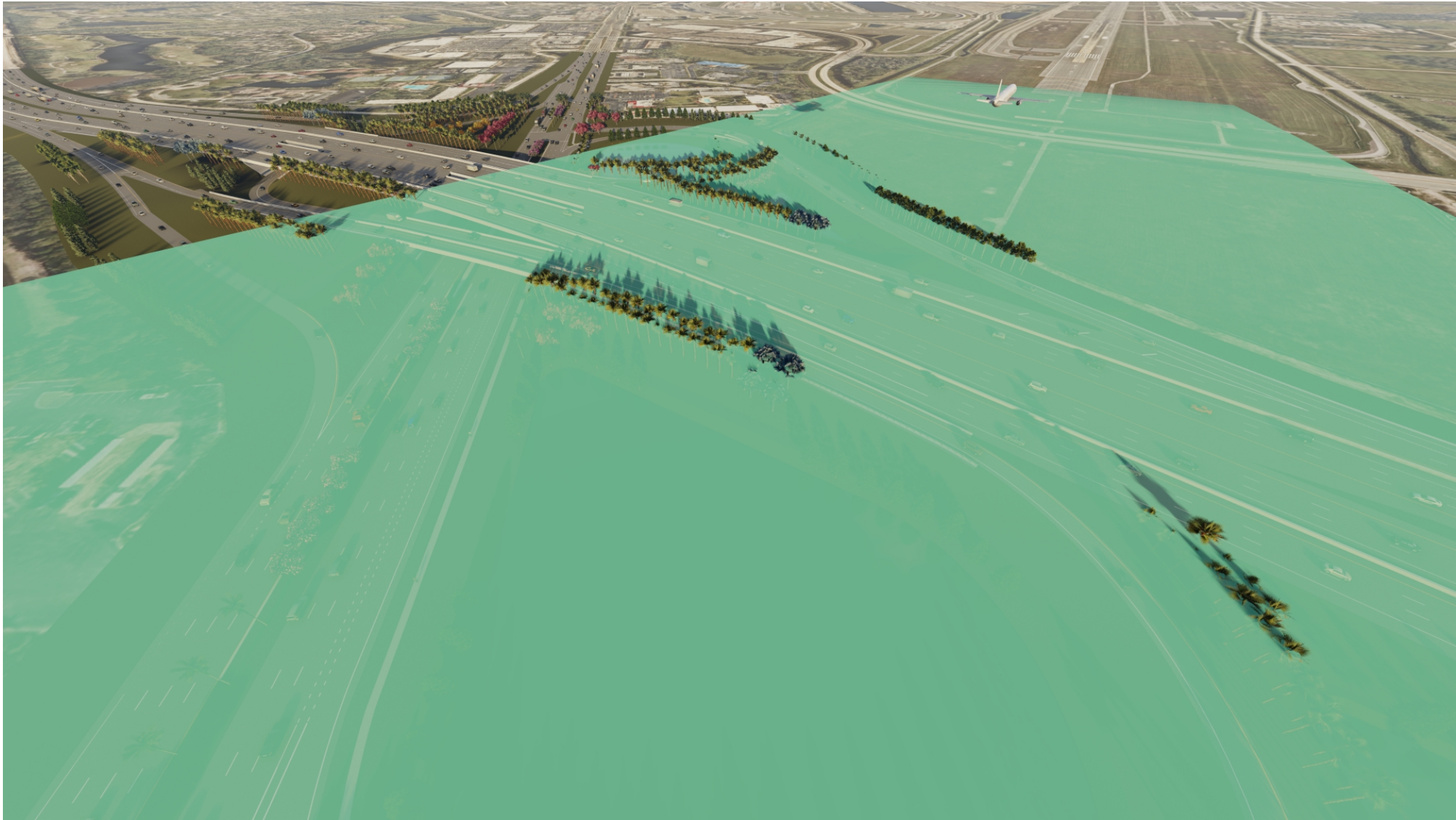
Case Study: I-95 & International Speedway Blvd Interchange

Impact of Approach Surface on Preliminary Design



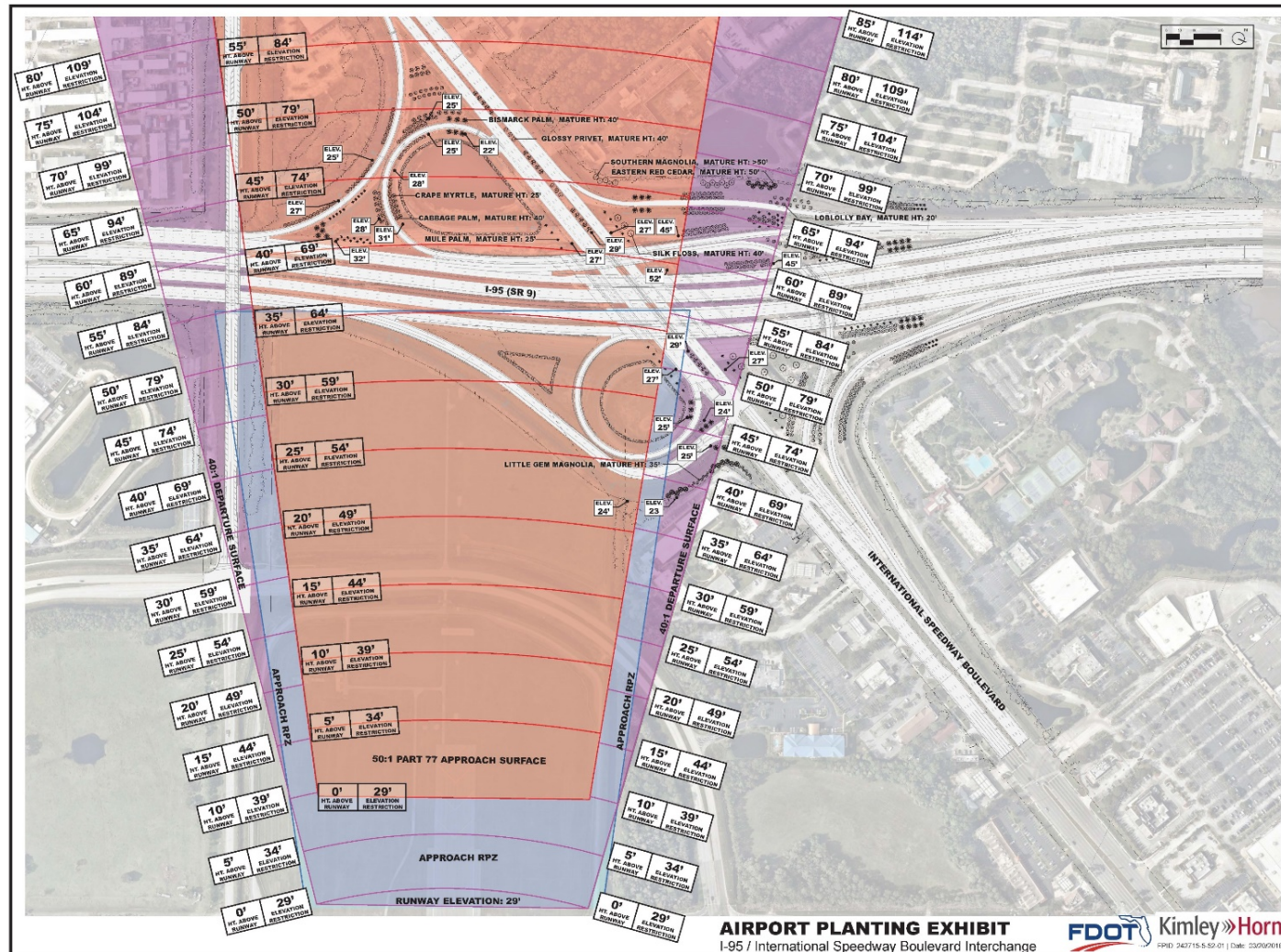
Case Study: I-95 & International Speedway Blvd Interchange

Impact of Departure Surface on Preliminary Design



Case Study: I-95 & International Speedway Blvd Interchange

Case Study: I-95 & International Speedway Blvd Interchange



Overlay of:

- Runway Protection Zone (RPZ)
- Approach Surface (50:1)
- Departure Surface (40:1)

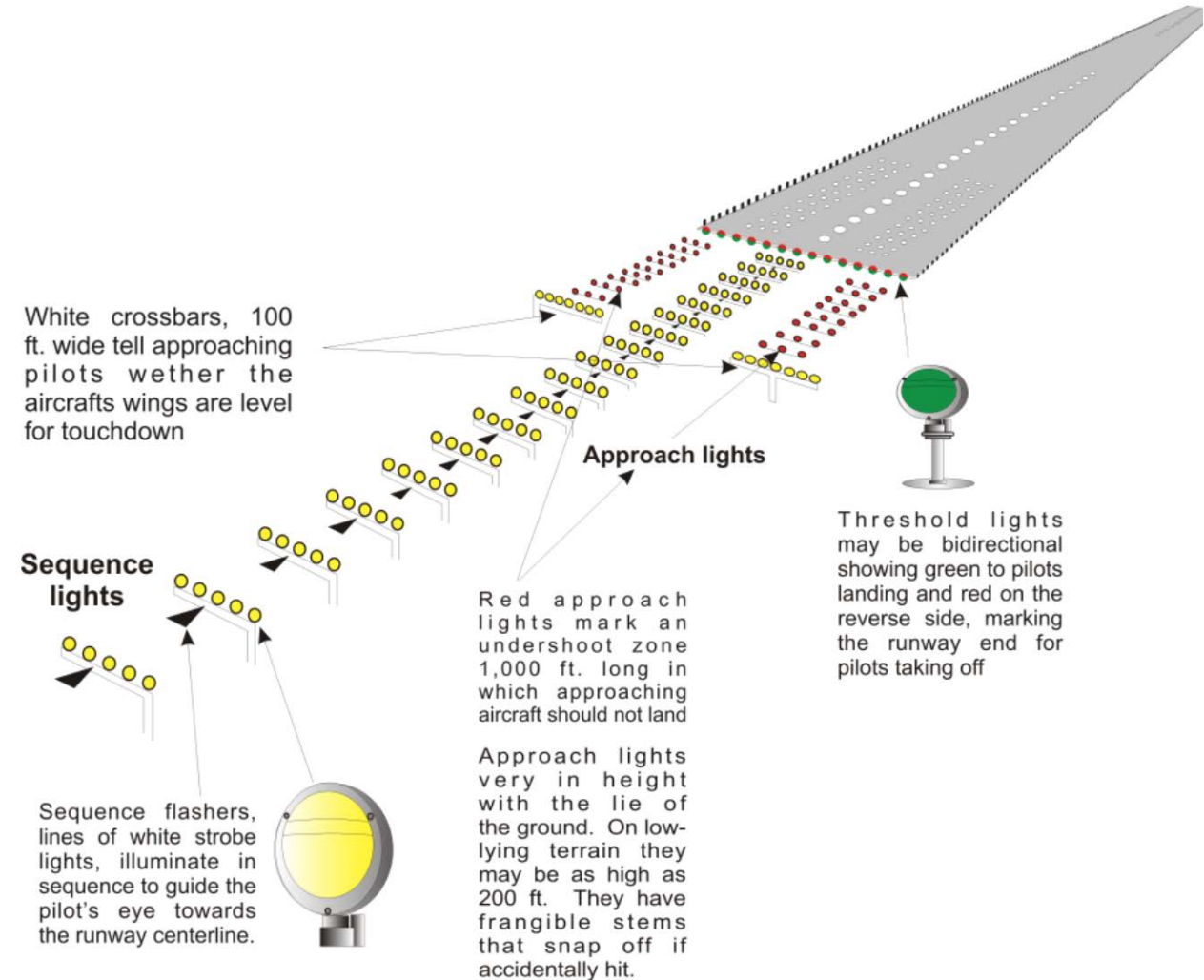
Evaluation of:

- Existing Elevations
- Mature Tree Heights of Proposed Landscape

Case Study: I-95 & International Speedway Blvd Interchange

Proximity of proposed trees

- Avoid blocking the vision of the pilots entering runway approach area
- Avoid blocking the MALS (Medium-intensity approach light system with Runway alignment indicator lights)



Other Landscape Design Factors

- Avoiding Plantings That Attract Hazardous Wildlife or Create Habitats Such as Wetlands

- Deer

- Deer Resistant Plant Species

- Migratory Birds

- Minimize Standing Water
 - Avoid Littoral Plantings
 - Avoid Plants with Berries
 - Avoid Fruiting Palm Trees
 - Avoid Heavy Seed Producing Plants

Table 1. Ranking of 25 species groups as to relative hazard to aircraft (1=most hazardous) based on three criteria (damage, major damage, and effect-on-flight), a composite ranking based on all three rankings, and a relative hazard score. Data were derived from the FAA National Wildlife Strike Database, January 1990–April 2003.¹

Species group	Ranking by criteria			Composite ranking ²	Relative hazard score ³
	Damage ⁴	Major damage ⁵	Effect on flight ⁶		
Deer	1	1	1	1	100
Vultures	2	2	2	2	64
Geese	3	3	6	3	55
Cormorants/pelicans	4	5	3	4	54
Cranes	7	6	4	5	47
Eagles	6	9	7	6	41
Ducks	5	8	10	7	39
Osprey	8	4	8	8	39
Turkey/pheasants	9	7	11	9	33
Hérons	11	14	9	10	27
Hawks (buteos)	10	12	12	11	25
Gulls	12	11	13	12	24
Rock pigeon	13	10	14	13	23
Owls	14	13	20	14	23
H. lark/s. bunting	18	15	15	15	17
Crows/ravens	15	16	16	16	16
Coyote	16	19	5	17	14
Mourning dove	17	17	17	18	14
Shorebirds	19	21	18	19	10
Blackbirds/starling	20	22	19	20	10
American kestrel	21	18	21	21	9
Meadowlarks	22	20	22	22	7
Swallows	24	23	24	23	4
Sparrows	25	24	23	24	4
Nighthawks	23	25	25	25	1

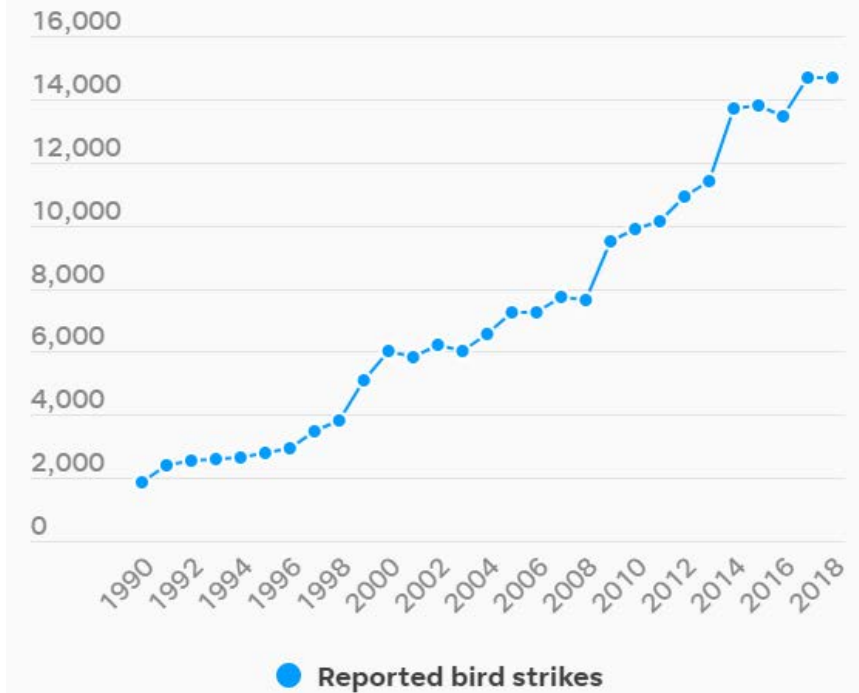
Per FAA Advisory Circular AC 150/5200-33B

Other Landscape Design Factors

- Avoiding Plantings That Attract Hazardous Wildlife or Create Habitats Such as Wetlands



Reported bird strikes, 1990-2018



SOURCE USA TODAY analysis of Federal Aviation Administration data.

Share

USA TODAY

Miracle on the Hudson



On January 15th, 2009, Flight 1549 struck a flock of geese causing engine failure.

FAA: Obstruction Evaluation/Airport Airspace Analysis Website

Notice Criteria Tool

https://oeaaa.faa.gov/oeaaa/external/portal.jsp

Notice Criteria Tool Obstruction Evaluation / Air... x

Convert Select

Federal Aviation Administration

« OE/AAA

Obstruction Evaluation / Airport Airspace Analysis (OE/AAA)

faa.gov Tools: Print this page

Obstruction Evaluation Version 2018.2.2

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Relevant Advisory Circulars

Survey Accuracy

Obstruction Evaluation / Airport Airspace Analysis (OE/AAA)

In administering Title 14 of the Code of Federal Regulations (14 CFR) [Part 77](#), the prime objectives of the FAA are to promote air safety and the efficient use of the navigable airspace. To accomplish this mission, aeronautical studies are conducted based on information provided by proponents on an FAA Form 7460-1, Notice of Proposed Construction or Alteration.

[Advisory Circular 70/7460-1L Change 2](#), Obstruction Marking and Lighting, describes the standards for marking and lighting structures such as buildings, chimneys, antenna towers, cooling towers, storage tanks, supporting structures of overhead wires, etc.

OE/AAA Filing Process

If your organization is planning to sponsor any construction or alterations which may affect navigable airspace, you must file a Notice of Proposed Construction or Alteration (FAA Form 7460-1) either electronically via this website or manually with the FAA.

CLICK HERE
If you have received a post card

CLICK HERE
for Instructions on how to E-file your proposal with the FAA

If construction or alteration IS NOT LOCATED on an airport:

File forms 7460-1 and 7460-2 electronically via this website - [New User Registration](#).

E-filing your proposal is preferred because

- It's the fastest, most accurate method to submit to the FAA and immediately assigns an aeronautical study number to your case.
- It establishes an electronic communications link with FAA and allows you to obtain project status and notifications directly from this site.

or

If you are unable to file electronically please click [here](#)

Questions? Please contact the [appropriate representative](#).

If construction or alteration IS LOCATED on an airport:

File forms 7460-1 and 7480-1 electronically via this website - [New User Registration](#).

or

Find the [FAA Airports Region / District Office](#) having jurisdiction over the airport on which the construction is located, and file to that address.

Who Needs to File

The requirements for filing with the Federal Aviation Administration for proposed structures vary based on a number of factors: height, proximity to an airport, location, and frequencies emitted from the structure, etc. For more details, please reference [14 CFR Part 77.9](#).

[Please click here to use the FAA's Notice Criteria Tool to determine if you meet the requirements to file notice of your construction or alteration](#)

OR

In accordance with [14 CFR Part 77.9](#), if you propose any of the following types of construction or alteration, you must file notice with the FAA at least 45 days prior to beginning construction:

- any construction or alteration that exceeds an imaginary surface extending outward and upward at any of the following slopes:
 - 100 to 1 for a horizontal distance of 20,000 ft. from the nearest point of the nearest runway of each airport described in 14 CFR 77.9(d) with its longest runway more than 3,200 ft. in actual length, excluding heliports
 - 50 to 1 for a horizontal distance of 10,000 ft. from the nearest point of the nearest runway of each airport described in 14 CFR 77.9(d) with its longest runway no more than 3,200 ft. in actual length, excluding heliports
 - 25 to 1 for a horizontal distance of 5,000 ft. from the nearest point of the nearest landing and takeoff area of each heliport described in 14 CFR 77.9(d);
- OR any highway, railroad, waterway or other traverse way for mobile objects, of a height which, if adjusted upward as defined in 14 CFR 77.9(c) would exceed a standard of 14 CFR 77.9 (a) or (b);
- OR your structure will emit frequencies, and does not meet the conditions of the [FAA Co-location Policy](#);
- OR your proposed structure will be in proximity to a navigation facility and may impact the assurance of navigation signal reception;
- OR any construction or alteration exceeding 200 feet above ground level, regardless of location;
- OR any construction or alteration located on an airport described in 14 CFR 77.9(d);
- OR filing has been requested by the FAA.

FAA: OE/AAA Website

Obstruction Evaluation
Version 2018.2.2

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Notice Criteria Tool

[Notice Criteria Tool - Desk Reference Guide V_2018.2.0](#)

The requirements for filing number of factors: height, more details, please refer

You must file with the FAA

- your structure will exceed the height of the terrain
- your structure will be in the flight path of aircraft
- your structure involves a height adjustment upward with a structure
- your structure will emit a light
- your structure will be in the flight path of aircraft
- your proposed structure is a navigation signal reception
- your structure will be on an airport or heliport
- filing has been requested by the FAA

If you require additional information regarding the filing requirements for your structure, please identify and contact the appropriate FAA representative using the [Air Traffic Areas of Responsibility map](#) for Off Airport construction, or contact the [FAA Airports Region / District Office](#) for On Airport construction.

The tool below will assist in applying Part 77 Notice Criteria.

Latitude:

Deg M S

N

Longitude:

Deg M S

W

Horizontal Datum:

NAD83

Site Elevation (SE):

(nearest foot)

Structure Height :

(nearest foot)

Traverseway:

No Traverseway

(Additional height is added to certain structures under 77.9(c))
User can increase the default height adjustment for Traverseway, Private Roadway and Waterway

Is structure on airport:

☒ No

☐ Yes

Submit

Latitude:

29

 Deg

10

 M

23

 S

N

Longitude:

81

 Deg

4

 M

57

 S

W

Horizontal Datum:

NAD83

Site Elevation (SE):

24

 (nearest foot)

Structure Height :

40

 (nearest foot)

Traverseway:

No Traverseway

(Additional height is added to certain structures under 77.9(c))
User can increase the default height adjustment for Traverseway, Private Roadway and Waterway

Is structure on airport:

☒ No

☐ Yes

Submit

Notice Criteria Tool

https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp

Notice Criteria Tool

Convert Select

Information Resources

- FAA Acronyms
- Forms
- Regulatory Policy
- Relevant Advisory Circulars
- Survey Accuracy
- Light Outage Reporting
- Useful Links
- State Aviation Contacts
- On Airport Contacts
- Off Airport Contacts

Results


You exceed the following Notice Criteria:

Your proposed structure exceeds an instrument approach area by 36 feet and aeronautical study is needed to determine if it will exceed a standard of subpart C of 14CFR Part 77. The FAA, in accordance with 77.9, requests that you file.

Your proposed structure is in proximity to a navigation facility and may impact the assurance of navigation signal reception. The FAA, in accordance with 77.9, requests that you file.

77.9(b) by 21 ft. The nearest airport is DAB, and the nearest runway is 07L/25R.

The FAA requests that you file



Off Airport Cases: FAA Form 7460-1

Notice of Proposed Constr...

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Sponsor (person, company, etc. proposing this action)

* Sponsor:

Construction / Alteration Information

* Notice Of:

* Duration:

if Temporary : Months: Days:

Work Schedule - Start: (mm/dd/yyyy)

Work Schedule - End: (mm/dd/yyyy)

*For temporary cranes-Does the permanent structure require separate notice to the FAA? To find out, use the Notice Criteria Tool. If separate notice is required, please ensure it is filed. If it is not filed, please state the reason in the Description of Proposal.

State Filing:

Structure Details

* Latitude: ° ′ ″ N

* Longitude: ° ′ ″ W

* Horizontal Datum:

* Site Elevation (SE): (nearest foot)

* Structure Height (AGL): (nearest foot)

* Current Height (AGL): (nearest foot)

* For notice of alteration or existing provide the current AGL height of the existing structure. Include details in the Description of Proposal

Minimum Operating Height (AGL): (nearest foot)

* For aeronautical study of a crane or construction equipment the maximum height should be listed above as the Structure Height (AGL). Additionally, provide the minimum operating height to avoid delays if impacts are identified that require negotiation to a reduced height. If the Structure Height and minimum operating height are the same enter the same value in both fields.

* Requested Marking/Lighting:

Other :

Aircraft Detection Lighting System(ADLS):
* Only check this box if you are proposing the installation and use of an Aircraft Detection Lighting System

* Current Marking/Lighting:

Other :

* Nearest City:

* Nearest State:

* Description of Location:
On the Project Summary page upload any certified survey.

* Description of Proposal:

Structure Summary

* Structure Type:

* Structure Name:

NOTAM Number:

FCC Number:

Prior ASN: - - - OE

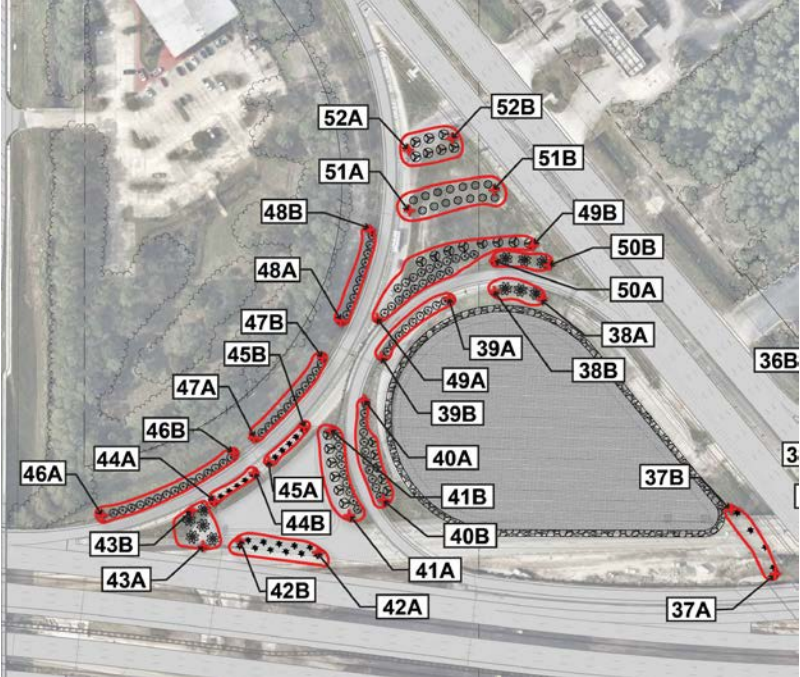
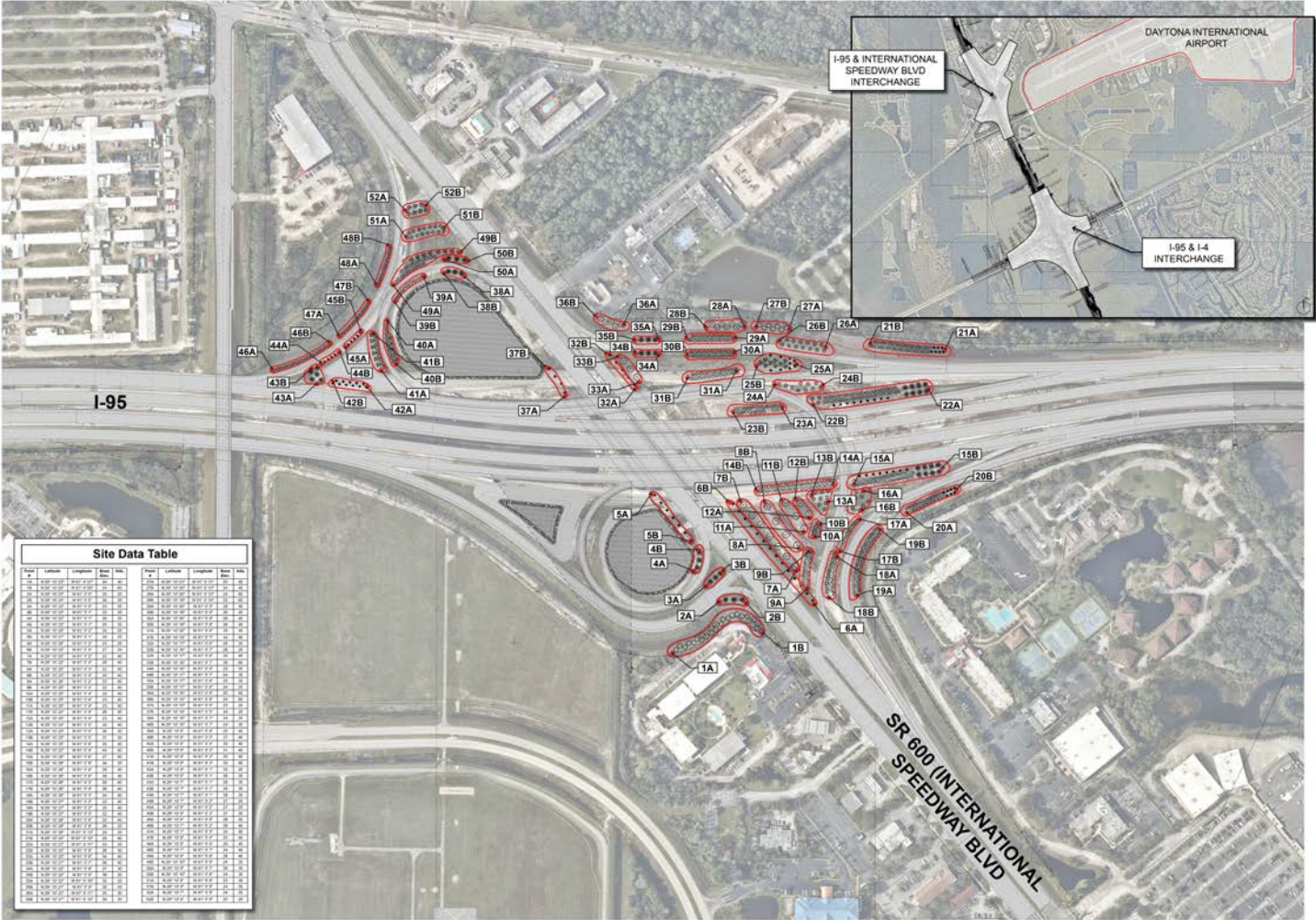
Proposed Frequency Bands

Select any combination of the applicable frequencies/powers identified in the Colo Void Clause Coalition, Antenna System Co-Location, Voluntary Best Practices, effective 21 Nov 2007, to be evaluated by the FAA with your filing. If not within one of the frequency bands listed below, manually input your proposed frequency(ies) and power using the Add Specific Frequency link.

Add Specific Frequency

	Low Freq	High Freq	Freq Unit	ERP	ERP Unit
<input type="checkbox"/>	6	7	GHz	55	dBW
<input type="checkbox"/>	6	7	GHz	42	dBW
<input type="checkbox"/>	10	11.7	GHz	55	dBW
<input type="checkbox"/>	10	11.7	GHz	42	dBW
<input type="checkbox"/>	17.7	19.7	GHz	55	dBW
<input type="checkbox"/>	17.7	19.7	GHz	42	dBW
<input type="checkbox"/>	21.2	23.6	GHz	55	dBW
<input type="checkbox"/>	21.2	23.6	GHz	42	dBW
<input type="checkbox"/>	614	698	MHz	1000	W
<input type="checkbox"/>	614	698	MHz	2000	W
<input type="checkbox"/>	698	806	MHz	1000	W
<input type="checkbox"/>	806	901	MHz	500	W
<input type="checkbox"/>	806	824	MHz	500	W
<input type="checkbox"/>	824	849	MHz	500	W
<input type="checkbox"/>	851	866	MHz	500	W
<input type="checkbox"/>	869	894	MHz	500	W
<input type="checkbox"/>	896	901	MHz	500	W
<input type="checkbox"/>	901	902	MHz	7	W
<input type="checkbox"/>	929	932	MHz	3500	W
<input type="checkbox"/>	930	931	MHz	3500	W
<input type="checkbox"/>	931	932	MHz	3500	W
<input type="checkbox"/>	932	932.5	MHz	17	dBW
<input type="checkbox"/>	935	940	MHz	1000	W
<input type="checkbox"/>	940	941	MHz	3500	W
<input type="checkbox"/>	1670	1675	MHz	500	W
<input type="checkbox"/>	1710	1755	MHz	500	W
<input type="checkbox"/>	1850	1910	MHz	1640	W

Off Airport Cases: Case Exhibit



Off Airport Cases: FAA Form 7460-1

←

→

https://oeaaa.faa.gov/oeaaa/external/eFiling/locationAction.jsp?action=showAllLocations

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View Folder Create Folder Manage Folders Transfer Cases

Transfer Cases - Desk Reference Guide V_2018.2.0

	ASN	Folder Name	Project Name	Structure Name	Status	Date Accepted	Date Determined	7460-2 Received	City	State
<input type="checkbox"/>	2019-ASO-9780-OE	Case 2702-19	FLORI-000502702-19	Tree 1A	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9781-OE	Case 2702-19	FLORI-000502702-19	Tree 1B	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9782-OE	Case 2702-19	FLORI-000502702-19	Tree 2A	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9783-OE	Case 2702-19	FLORI-000502702-19	Tree 2B	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9784-OE	Case 2702-19	FLORI-000502702-19	Tree 2C	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9785-OE	Case 2702-19	FLORI-000502702-19	Tree 3A	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9786-OE	Case 2702-19	FLORI-000502702-19	Tree 3B	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9787-OE	Case 2702-19	FLORI-000502702-19	Tree 4A	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9788-OE	Case 2702-19	FLORI-000502702-19	Tree 4B	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9789-OE	Case 2702-19	FLORI-000502702-19	Tree 5A	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9790-OE	Case 2702-19	FLORI-000502702-19	Tree 5B	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9791-OE	Case 2702-19	FLORI-000502702-19	Tree 6A	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9792-OE	Case 2702-19	FLORI-000502702-19	Tree 6B	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9793-OE	Case 2702-19	FLORI-000502702-19	Tree 7A	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9794-OE	Case 2702-19	FLORI-000502702-19	Tree 7B	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9795-OE	Case 2702-19	FLORI-000502702-19	Tree 7C	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9796-OE	Case 2702-19	FLORI-000502702-19	Tree 8A	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9797-OE	Case 2702-19	FLORI-000502702-19	Tree 8B	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9798-OE	Case 2702-19	FLORI-000502702-19	Tree 9A	Work In Progress	03/19/2019			Port Orange	FL
<input type="checkbox"/>	2019-ASO-9799-OE	Case 2702-19	FLORI-000502702-19	Tree 9B	Work In Progress	03/19/2019			Port Orange	FL

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Project Considerations

- Impact of FAA constraints on the placement of Bold Landscaping.
- Appropriate selection of plant material.
- Potential scope need for FAA and/or airport coordination.
- Potential schedule impacts FAA coordination.

Referenced Information / Resources

FDM Section 110.5.1 Aviation and Spaceports:

<http://fdot.gov/roadway/FDM/current/2019FDM110InitialEngDsn.pdf>

Title 14 CFR Part 77 - Safe, Efficient Use, and Preservation of the Navigable Airspace:

<https://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&SID=61302bd90d79271a583474ad2f9dcd7e&rgn=div5&view=text&node=14:2.0.1.2.9&idno=14>

FAA Advisory Circular AC 150/5300-13A – Section 310 - Runway Protection Zone (RPZ):

https://www.faa.gov/documentLibrary/media/Advisory_Circular/150-5300-13A-chg1-interactive-201804.pdf

FAA Advisory Circular AC 150/5200-33B – Hazardous Wildlife Attractants On or Near Airports:

https://www.faa.gov/airports/resources/advisory_circulars/index.cfm/go/document.information/documentNumber/150_5200-33B

Note: This AC is soon to be replaced by a version update currently available in draft form.

FAA Notice Criteria Tool:

<https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToolForm>

FAA Form 7460-1 (Hardcopy):

https://www.faa.gov/documentLibrary/media/Form/FAA_Form_7460-1_AJV-1-050117.pdf

FAA Form 7460-1 (Electronic Submittal):

<https://oeaaa.faa.gov/>

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Questions?

