



AVIATION AUTHORITY

* PETITION FOR VARIANCE *

Tampa International Airport Peter O. Knight Airport Plant City Airport Tampa Executive Airport
P.O. Box 22287, Tampa, FL 33622-2287

Provide a summary of request, activities involved and any other required or pertinent information as it pertains to any of the following criteria which will be used to substantiate a variance to the height zoning regulations. Additional pages may be used if necessary.

- The regulated height would create an unnecessary hardship to the applicant.
Special conditions and circumstances apply which are not applicable to other similarly situated property.
The proposal will not create a substantial detriment to public good or impair the purposes of the intent of these regulations.
The proposal will not create a substantial adverse effect on the utility of the airport covered under these regulations.

Installation of traffic signal mast arm at the intersection of Memorial Highway & Eisenhower Blvd. The permanent structure is 25-ft AGL (36-ft AMSL)

The sponsor requests a variance permit for the project site up to the allowable height of the structure.

Applicant acknowledges receipt of the applicable procedures and/or provisions pertaining to the above request and agrees that in consideration of issuance of this variance to be bound by the terms and conditions of such documents and all other applicable laws, rules, regulations, procedures and laws. The petitioner must forward to FDOT by certified mail, return receipt requested, a copy of the permit package and petition for comment. The review of this petition for variance and variance process will proceed only upon the receipt of FDOT's comments or waiver of that right. Include a copy of the certified mail receipt with the petition.

Date : 12/5/2023 Nearest Airport: Tampa International Airport Overall Height (AMSL): 36-feet

Under penalty of perjury, I hereby certify that the above statements are true and correct and I have full power and authority to act on behalf of the Applicant's named firm, corporation or organization in the submission of this variance request.

Printed Name of Authorized Representative: James Park

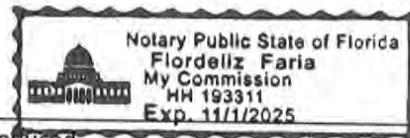
Signature of Authorized Representative: [Signature] Date: 12/5/2023

All activities performed under this variance are at applicants own expense and risk, the Authority will not be held liable for any

STATE OF FLORIDA, COUNTY OF Orange
Sworn to (or affirmed) and subscribed before me by means of [] physical presence or [] online notarization, this 5 day of Dec, 2023, by James Park

(NOTARY SEAL)

Notary Signature [Signature]



Personally Known [checked] OR Produced Identification Type of Id Produced

THIS SECTION TO BE COMPLETED BY AVIATION AUTHORITY REPRESENTATIVE

Airport Study No. 2023-177

FAA Study Number: 2023-ASO-27634-OE

Associated Aeronautical Study Numbers: NA

FDOT Concurrence: Yes [] No [] Waived [] n accordance with Resolution No.

Approved by Board of Adjustment Chairman

Date



AVIATION AUTHORITY

* PERMIT APPLICATION *

Tampa International Airport Peter O. Knight Airport Plant City Airport Tampa Executive Airport
P.O. Box 22287, Tampa, FL 33622-2287

Scope/Nature of Request: Provide summary of request, activities involved and any other required or pertinent information to fully describe scope, submit drawings and specification if needed. Additional pages may be used if necessary. The application must also contain (1) an FAA Determination of No Hazard if the duration is greater than 72 hrs. (2) site survey with an FAA accuracy code of 1A, if requested (3) a Variance application, if applicable (4) site plan with a building layout, if requested (5) building elevation plan, if requested (6) any additional information requested by the Airport Zoning Director to determine whether or not the proposal will comply with the Airport Zoning Regulations.

Project Name \ Description:

Installation of traffic signal mast arm at the intersection of Memorial Highway & Eisenhower Blvd. The permanent structure is 25-ft AGL (36-ft AMSL). The ASNs for the project are 2022-ASO-27632-OE through 2022-ASO-27635-OE.

Applicant acknowledges receipt of the applicable procedures and/or provisions pertaining to the above request and agrees that in consideration of issuance of this permit to be bound by the terms and conditions of such documents and all other applicable laws, rules, regulations, procedures and laws.

Permanent (Height Zoning) Check type of permit being requested
Temporary (Crane/Equip.)

This application is required to be attached to the supplemental data form for Permit request (see on-line application process).

Name/Company/Organization: Florida's Turnpike Enterprise

Contact Person for Requested Activity: Stephanie J. Sharp, P.E. Phone: 407-264-3038

Project Location: Memorial Hwy to Eisenhower Blvd Email: stephanie.sharp@dot.state.fl.us

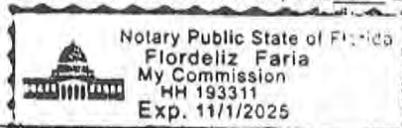
Under penalty of perjury, I hereby certify that the above statements and supplemental data are true and correct and I have full power and authority to act on behalf of the above named firm, corporation or organization in the submission of this application.

Printed Name of Authorized Representative: James Park

Signature of Authorized Representative: Date: 12/5/2023

STATE OF FLORIDA, COUNTY OF Orange
Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 5 day of Dec, 2023, by James Park

(NOTARY SEAL)



Notary Signature Personally Known OR Produced Identification _____ Type of Id Produced _____

All activities performed under this permit are at applicant's own expense and risk. The Authority will not be held liable for any damages, losses or injuries resulting from or connected with this activity. This permit does not relieve the applicant from obtaining any other permits, approvals, or determinations from other governmental agencies as may be required in accordance with law.

THIS SECTION TO BE COMPLETED BY AVIATION AUTHORITY REPRESENTATIVE

Airport Study No. 2023-177

Variance Required: Yes

FAA Study Number 2023-ASO-27634-OE

Recommend Approval: Yes

Associated FAA Study Numbers NA

Coordinate with Airport Operations: No

Reviewed By: _____

Coordinate with ATCT: No

Approved by Zoning Director _____

Date _____

Airport Study Number:

2023-177

CONDITIONS

Red Obstruction lighting required in accordance with the FAA Advisory Circular 70/7460-1M.

E-File FAA form 7460-2 with the FAA if the project is abandoned or within 5 days after the construction reaches its greatest height.

Notify the Airport at least 5 business days prior to starting construction at 813-870-7863.

Follow all conditions specified in the FAA Determination to remain in compliance.

Installation equipment (Crane) exceeding 36' AMSL will require a separate permit by the Aviation Authority.

The Permit will be valid until the commencement of construction for Future Runway 17-35, at which time the signal pole will need to be re-evaluated for removal or new variances issued based on the future Runway.

Review Summary

Airport Study Number

2023-177

Permit Number

23177

Maximum Height - AMSL

36

Approval Date

Expires

3/15/2024,

Permit Type

Height Zoning

Review

77.9 Review

Required Notice

77.17 Review

Obstruction

77.19 Review

Exceeds Part 77

TERPS

Within Height Limits

OEI (62.5:1)

N/A

Analysis Summary

Penetration to Future Runway 17-35 Transitional Surface. No Hazard as long as conditions are followed. No IFR/VFR or Navaid impacts identified

Coordination with ATCT:

No

Emergency Use

No

Objects affecting Navigable

Yes

Airspace

Coordination with Operations:

No

Hazard Marking and/or Lighting

Yes

Exceeds Supportive Screening Criteria

Yes

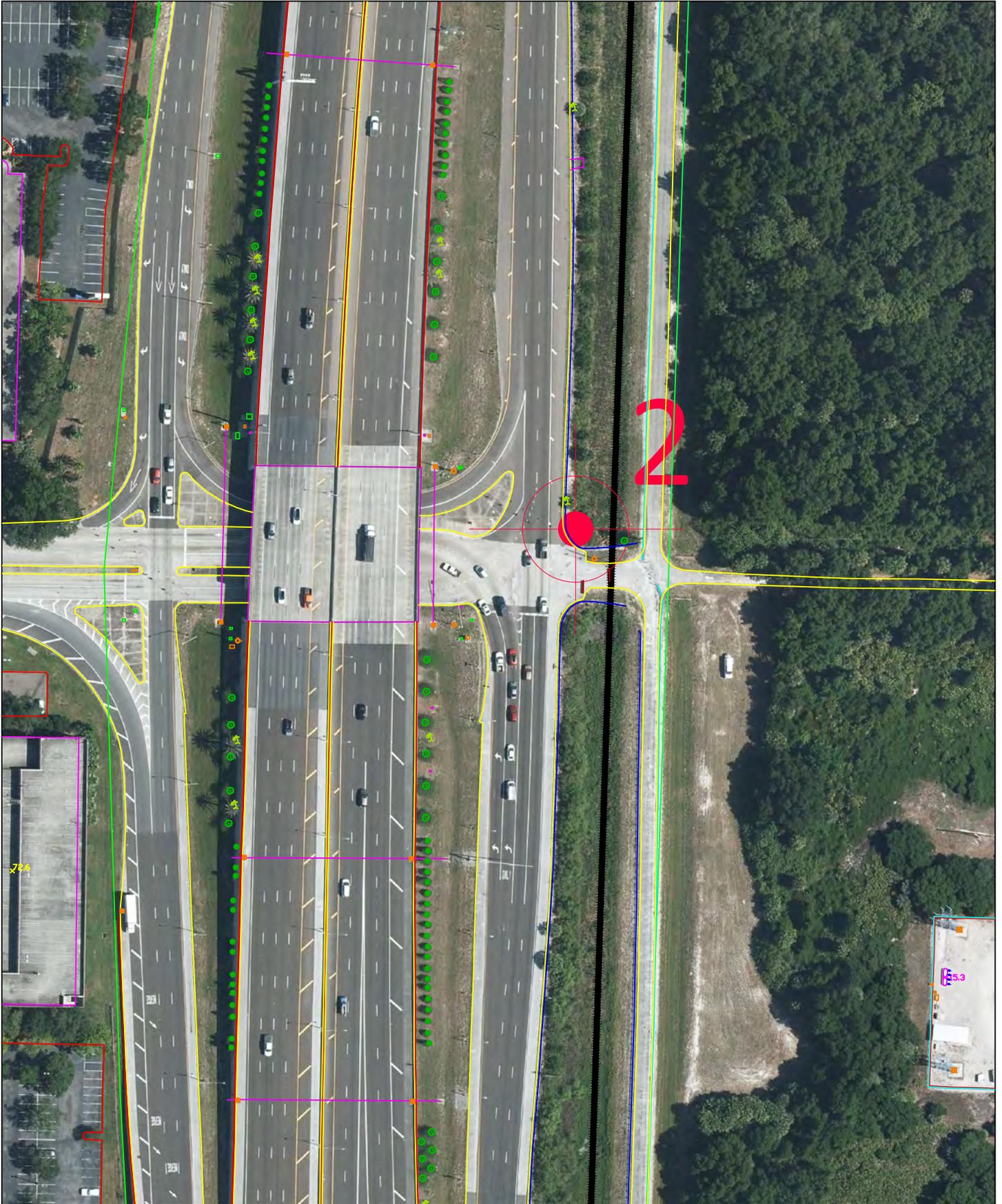
Conditions

Conditions: Red Obstruction lighting required in accordance with the FAA Advisory Circular 70/7460-1M.E-File FAA form 7460-2 with the FAA if the project is abandoned or within 5 days after the construction reaches its greatest height.Notify the Airport at least 5 business days prior to starting construction at 813-870-7863.Follow all conditions specified in the FAA Determination to remain in compliance. Installation equipment (Crane) exceeding 36' AMSL will require a separate permit by the Aviation Authority.The Permit will be valid until the commencement of construction for Future Runway 17-35, at which time the signal pole will need to be re-evaluated for removal or new variances issued based on the future Runway.

Recommended Approval

Yes

Point Location



Distance from ARP



12/5/2023, 9:30:14 AM

1:36,112



Override 1



TPA Height and Zoning



Override 1



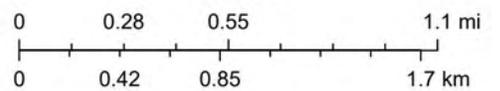
TPA Height and Zoning



Airports - ARP

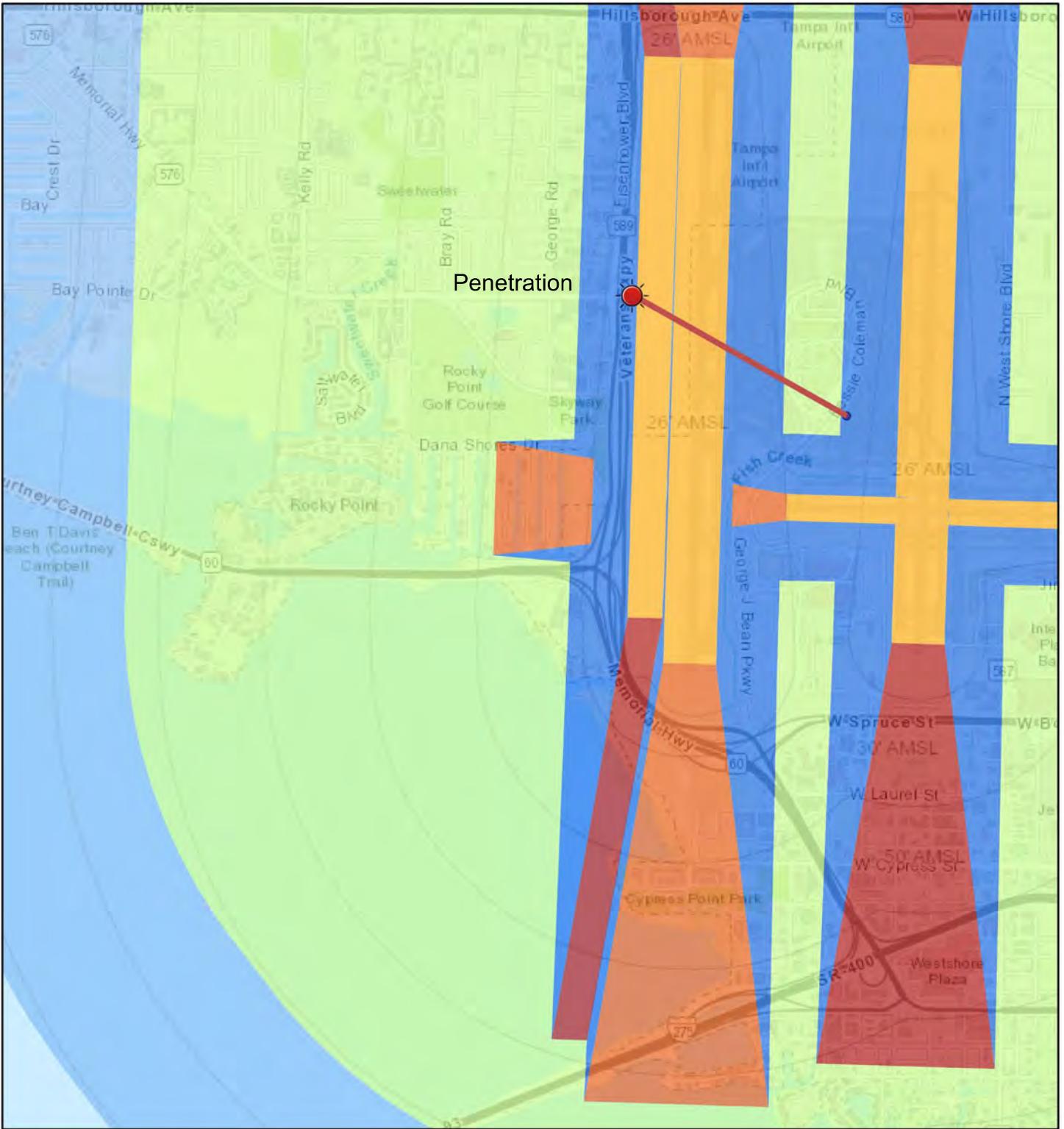


TPA Height and Zoning



University of South Florida, City of Tampa, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA, Tony Mantegna

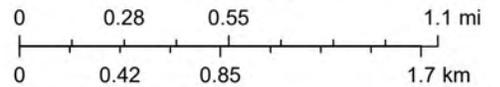
Future Part 77 - Transitional



12/5/2023, 9:32:27 AM

1:36,112

- Override 1
- Override 1
- Airspace - TPA_FUTR_P77_19_Dissolve
- TPA_01L-19R_FUTR_P77_19_Primary
- TPA_01L-19R_FUTR_P77_19_Primary_Trans
- TPA_01L_FUTR_P77_19_Inner_Appch
- TPA_01L_FUTR_P77_19_Inner_Trans_Appch
- TPA_01R-19L_FUTR_P77_19_Primary
- TPA_01R-19L_FUTR_P77_19_Primary_Trans
- TPA_01R_FUTR_P77_19_Inner_Appch
- TPA_01R_FUTR_P77_19_Inner_Trans_Appch
- TPA_10-28_FUTR_P77_19_Primary
- TPA_10-28_FUTR_P77_19_Primary_Trans
- TPA_10_FUTR_P77_19_Inner_Appch
- TPA_10_FUTR_P77_19_Inner_Trans_Appch
- TPA_17-35_FUTR_P77_19_Primary
- TPA_17-35_FUTR_P77_19_Primary_Trans
- TPA_17_FUTR_P77_19_Inner_Appch
- TPA_17_FUTR_P77_19_Inner_Trans_Appch
- TPA_19L_FUTR_P77_19_Inner_Appch
- TPA_19L_FUTR_P77_19_Inner_Trans_Appch
- TPA_19R_FUTR_P77_19_Inner_Appch
- TPA_19R_FUTR_P77_19_Inner_Trans_Appch
- TPA_35_FUTR_P77_19_Inner_Appch
- TPA_35_FUTR_P77_19_Inner_Trans_Appch
- TPA_FUTR_P77_19_Conical
- TPA_FUTR_P77_19_Horizontal_Plane
- Airports - ARP
- TPA Height and Zoning
- TPA Height and Zoning
- TPA Height and Zoning

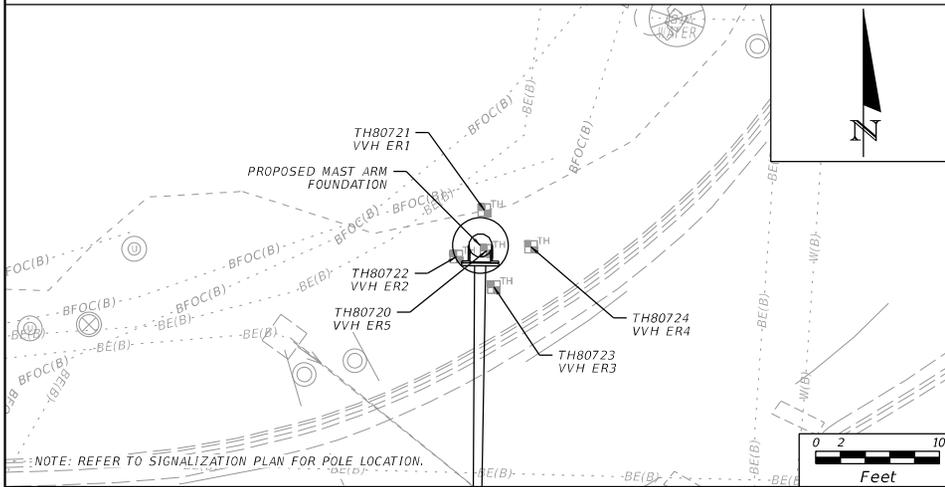


University of South Florida, City of Tampa, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA, Tony Mantegna

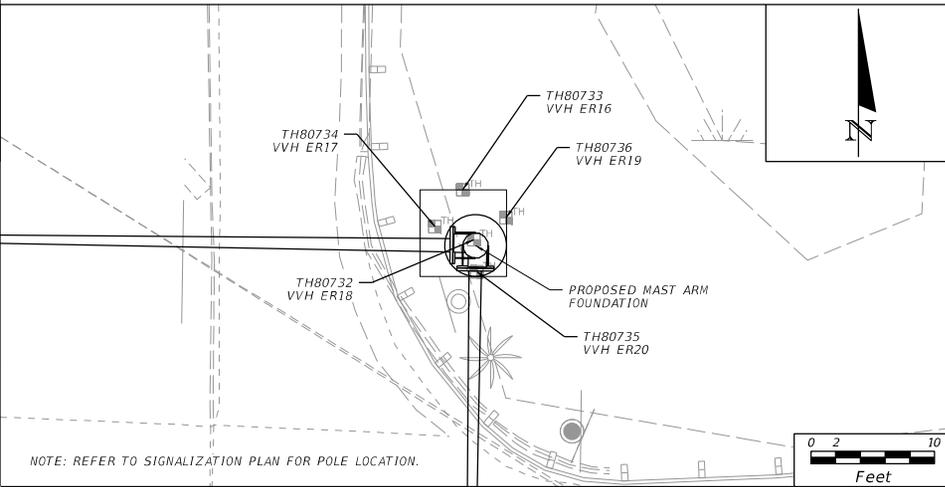
Fut Part 77



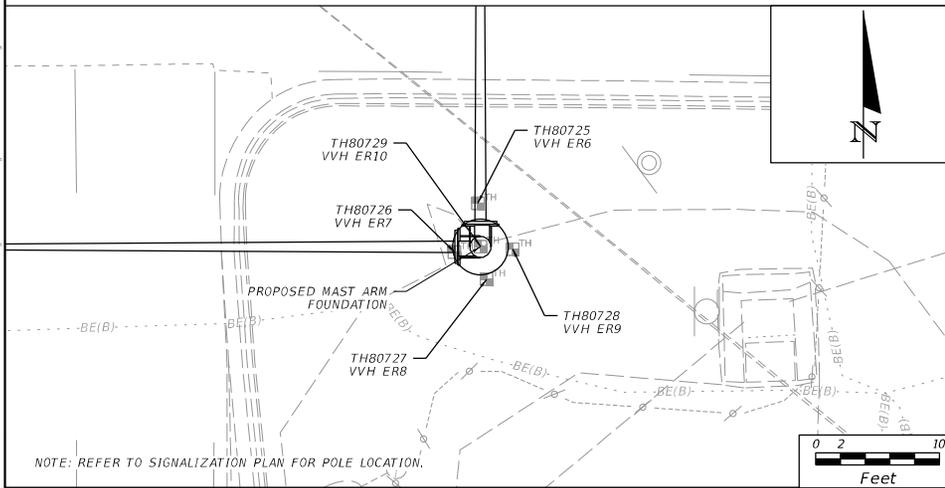
SIGNAL POLE NO. 1
CR 576 (MEMORIAL HWY) AT EISENHOWER BLVD S



SIGNAL POLE NO. 2
CR 576 (MEMORIAL HWY) AT EISENHOWER BLVD N



SIGNAL POLE NO. 3
CR 576 (MEMORIAL HWY) AT EISENHOWER BLVD S



10/26/2022 4:09:32 PM erinfest
\\nfb.com\pub\proj\2021\01\road\54296.07 SR 589 at Eisenhower\cadd\erinfest\44933415201\signalization\SPDT5602.dgn

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY LOCATION PLAN	SHEET NO. T-17
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			JENNIFER M. DISTEFANO, P.E. LICENSE NUMBER 81844 VANASSE HANGEN BRUSTLIN, INC. 225 EAST ROBINSON STREET, SUITE 300 ORLANDO, FL 32801	SR 589	HILLSBOROUGH	449334-1-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Mail Processing Center
 Federal Aviation Administration
 Southwest Regional Office
 Obstruction Evaluation Group
 10101 Hillwood Parkway
 Fort Worth, TX 76177

Aeronautical Study No.
 2022-ASO-27634-OE

Issued Date: 09/15/2022

Cristina Dos Santos
 Florida's Turnpike Enterprise-C. Dos Santos
 Mile-Post 263 – Turkey Lake Service Plaza
 Bldg. 5315
 Ocoee, FL 34761

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Pole Mast Arm #3
 Location: Town 'N' Country, FL
 Latitude: 27-58-54.62N NAD 83
 Longitude: 82-32-44.59W
 Heights: 11 feet site elevation (SE)
 25 feet above ground level (AGL)
 36 feet above mean sea level (AMSL)

This aeronautical study revealed that the **structure does exceed obstruction standards** but would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 03/15/2024 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

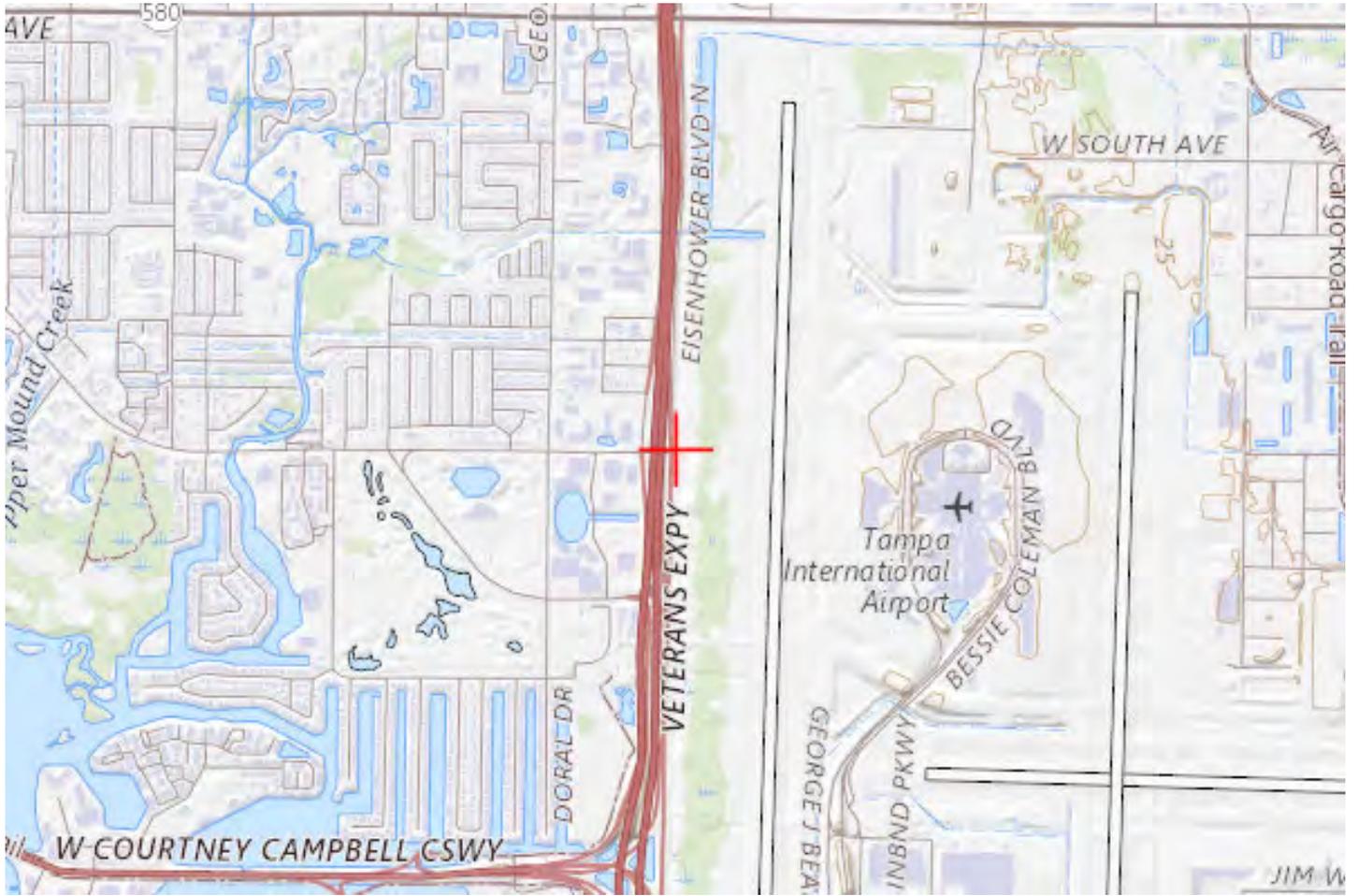
If we can be of further assistance, please contact our office at (404) 305-6462, or mike.blaich@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-ASO-27634-OE.

Signature Control No: 543250191-553279693

(EBO)

Michael Blaich
Specialist

Attachment(s)
Map(s)





From: [Tony Mantegna](#)
To: [David A. Roberts \(david.roberts@dot.state.fl.us\)](mailto:david.roberts@dot.state.fl.us)
Subject: Height Zoning Permit Request 2023-177
Date: Thursday, December 7, 2023 1:55:00 PM
Attachments: [Airport Study No 2023-177 FDOT.pdf](#)

Dave:

In accordance with Florida Statutes, Chapter 333, the Aviation Authority is forwarding a completed permit application to the department so that it can be evaluated for technical consistency.

Hearing is scheduled for January 11, 2024.

FAA Study 2022-ASO-27634-OE
Airport Study number – 2023-177
Project: Signal Pole
Location – Memorial Hwy & Eisenhower

Tony Mantegna | Tampa International Airport | Sr. Manager of Planning

Preferred: (813) 870-7863 | Secondary: (813) 781-8289 | Email: tmantegna@TampaAirport.com