

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TECHNICAL REPORT COVERSHEET

650-050-38
ENVIRONMENTAL
MANAGEMENT
08/22

DRAFT LOCATION HYDRAULICS REPORT

Florida Department of Transportation

District 7

McIntosh Road

Limits of Project: From South of US 92 to North of I-4

Hillsborough County, Florida

Financial Management Number: 447157-1

ETDM Number: 14469

Date: 09/03/2024

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022 and executed by the Federal Highway Administration and FDOT.

Authorized Signature

Print/Type Name

Title

Address

Address

Seal

Project Development & Environmental (PD&E) Study
McIntosh Road
From South of US 92 to North of I-4

Draft Location Hydraulics Report

Work Program Item Segment No. 447157-1

ETDM Project No. 14469

Hillsborough County, Florida



Florida Department of Transportation

District Seven

In cooperation with



**Hillsborough
County** Florida

Hillsborough County, Public Works Department

September 2024

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. §327 and a Memorandum of Understanding dated May 26, 2022, and executed by the Federal Highway Administration and FDOT.

TABLE OF CONTENTS

1.	INTRODUCTION.....	1
2.	PROJECT DESCRIPTION	2
3.	EXISTING CONDITIONS.....	4
3.1.	EXISTING BASINS	4
3.2.	SOILS	4
3.3.	LAND USE	5
3.4.	CROSS DRAINS	5
3.5.	BRIDGES	5
3.6.	FLOODPLAINS AND FLOODWAYS	5
4.	PROPOSED CONDITIONS	6
4.1	ENCROACHMENTS.....	6
4.2.	AVOIDANCE ALTERNATIVES.....	6
4.3.	EMERGENCY SERVICES AND EVACUATIONS	6
5.	CONCLUSIONS AND RECOMMENDATIONS.....	7
6.	REFERENCES.....	7

LIST OF FIGURES

Figure 2-1: Project Location Map.....2

Figure 2-2: Proposed McIntosh Road Typical Section3

LIST OF TABLES

Table 3-1: USDA NRCS Soil Survey Information.....4

Table 3-2: Existing Cross Drains5

APPENDICES

Appendix A Exhibits

Appendix B FDOT Straight Line Diagrams

Appendix C FEMA FIRM and FIS Excerpts

Appendix D Correspondence

DRAFT

1. INTRODUCTION

The Florida Department of Transportation (FDOT) District 7 is conducting a Project Development and Environment (PD&E) study to evaluate capacity improvement alternatives to the existing McIntosh Road from south of US 92 (SR 600) to north of I-4. The purpose of this PD&E study is to evaluate engineering and environmental data and document information that will aid District 7 in determining the location, type, and conceptual design of the proposed improvements. The project consists of reconstructing McIntosh Road from a 2-lane undivided rural roadway to a 4-lane divided urban roadway. Related improvements to the I-4 interchange ramps and the US 92 intersection are also included in the project.

A previous PD&E Study Re-evaluation was conducted by FDOT in 2017 for the proposed widening of US 92 from east of Interstate 4 (I-4) to east of County Line Road in Hillsborough County, which overlaps the limits of this PD&E study. The findings of the previous 2017 PD&E study were reviewed and taken into consideration for the proposed McIntosh Road improvements.

2. PROJECT DESCRIPTION

The intent of this Location Hydraulics Report (LHR) is to identify the potential 100-year (base) floodplain encroachments resulting from the roadway improvements evaluated in this study. In accordance with 23 Code of Federal Regulation (CFR) 650 Subpart A, Section 650.111, floodplains are to be protected. The intent of these regulations is to avoid possible long and short-term adverse impacts associated with the modification of floodplains as a result of development. These regulations urge that where impacts are anticipated, alternatives should be sought out where practical and that development incompatible with floodplain values should be avoided.

The project is located within Hillsborough County and Sections 19 and 30, Township 28 South, Range 21 East. A Project Location Map is provided in **Figure 2-1**. The study limits are from south of US 92 (MP 0.000) to north of I-4 (MP 0.795), a length of approximately 0.795 miles. The study involves widening McIntosh Road from a two-lane rural section to a four-lane urban section with 11-foot travel lanes and a ten-foot shared use path on each side. The proposed typical section is shown in **Figure 2-2**.

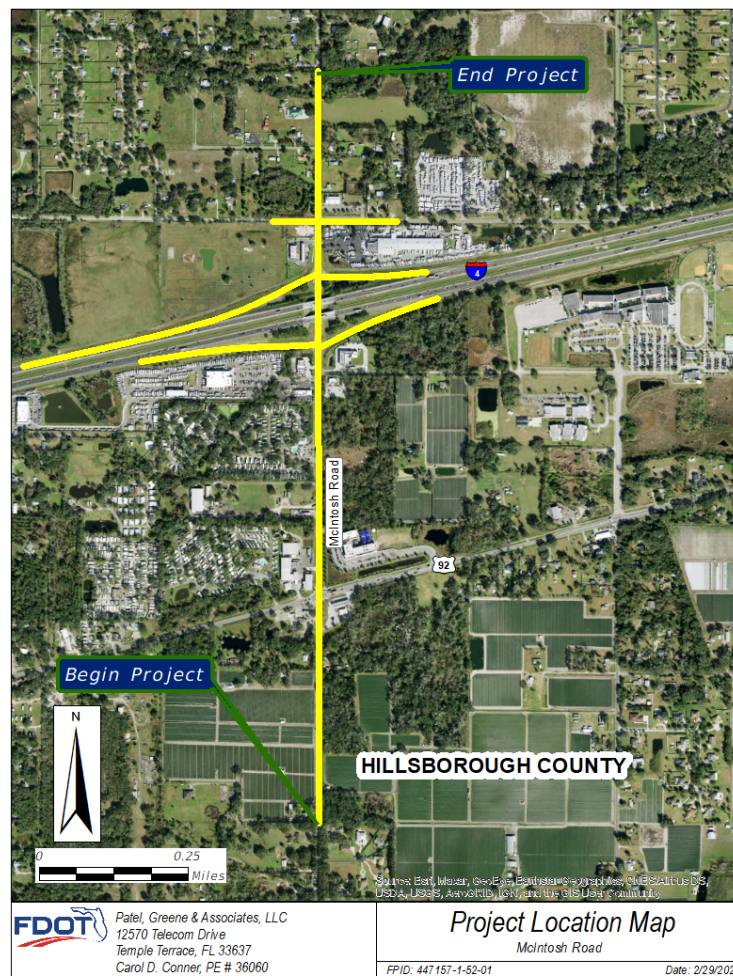


Figure 2-1: Project Location Map

MCINTOSH ROAD N. OF US 92 TO PROJECT END

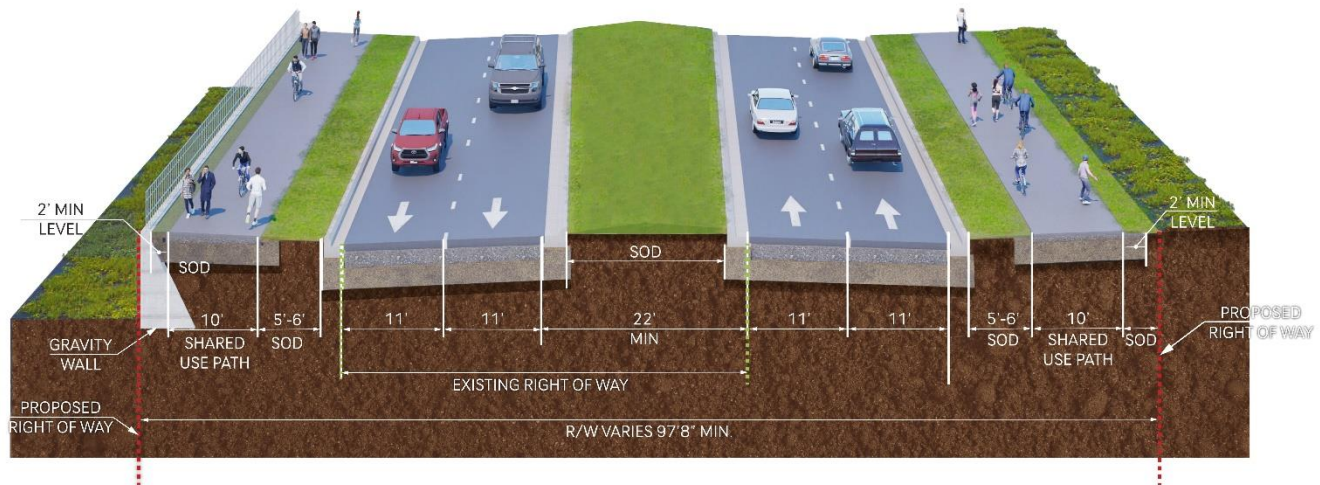


Figure 2-2: Proposed McIntosh Road Typical Section

The datum used for this study is the North American Vertical Datum of 1988 (NAVD 88) and all elevations referenced in this report are in feet. To convert from NAVD 88 to National Geodetic Vertical Datum of 1929 (NGVD 29), add 0.892 feet.

3. EXISTING CONDITIONS

Existing McIntosh Road from south of US 92 to north of I-4 consists of one 12-foot travel lane in each direction divided by a double yellow line. There are no paved shoulders. Stormwater runoff sheet flows from the roadway into roadside ditches which flow into existing culverts and cross drains throughout the corridor.

3.1. EXISTING BASINS

The project is located within the Baker Canal/Pemberton Creek Drainage Basin. The culverts from north of US 92 to north of I-4 discharge to the Baker Canal Tributary 2. The tributary discharges into Baker Creek, which flows north to Lake Thonotosassa. The cross drain on McIntosh Road south of US 92 discharges to the Baker Canal Tributary 3.

3.2. SOILS

The predominant soils within and adjacent to the corridor are poorly drained sandy soils. The Natural Resource Conservation Service (NRCS) Web Soil Survey for Hillsborough County were used to determine the soil types within the project limits. The Soil Survey indicates that much of the project corridor is underlain by mineral soils (sands). The presence of organics beneath the existing roadway's embankment is uncertain, although it is believed that they were removed and replaced with granular fill during the original construction.

The widening of the McIntosh mainline may encounter isolated organic subsoil deposits that will require special consideration during the design phase. The geotechnical investigation for the design will include muck probes to determine the presence of the organics beneath the existing and proposed embankments. The survey will recommend the design of embankments and will consider the presence of muck and the need for removal or soil improvement.

Based on a review and evaluation of subsurface information available for the project area, it is expected that soil and groundwater conditions found along the corridor are generally favorable for roadway improvements. **Table 3.1** provides the soil names, as well as their hydrologic soil group and drainage condition.

Table 3-1: USDA NRCS Soil Survey Information

Soil Name	NRCS Map Unit	Hydrologic Soil Group	Drainage Class, Dominant Condition	Approximate Depth to SHWT (ft)
Basinger, Holopaw, and Samsula soils, depressional	5	A/D	Very poorly drained	0
Immokalee fine sand, 0 to 2 percent slopes	21	B/D	Poorly drained	1
Malabar fine sand, 0 to 2 percent slopes	27	A/D	Poorly drained	0.5
Myakka fine sand, 0 to 2 percent slopes	29	A/D	Poorly drained	1
Ona fine sand, 0 to 2 percent slopes	33	B/D	Poorly drained	1
Paisley fine sand, Depressional	37	C/D	Very poorly drained	0
Seffner fine sand, 0 to 2 percent slopes	47	A	Somewhat poorly drained	2.5

3.3. LAND USE

From the beginning of the project along McIntosh Road to the intersection of US 92 the project area is surrounded by agricultural land uses, such row crops, upland hardwood – coniferous mix, as well as low density residential, and commercial land uses.

From the intersection of US 92 and McIntosh Road to the I-4 interchange the project area is surrounded by industrial and commercial land uses as well as high density residential areas, agricultural land uses and stream and lake swamps (bottomland) areas.

The I-4 interchange is classified as transportation land use.

North of the I-4 interchange to the end of the project the surrounding land use is mainly low density residential with some commercial and pastureland areas.

Please refer to **Appendix A** for the existing and future Land Use Map.

3.4. CROSS DRAINS

There are seven existing cross drains within the project limits. They are listed below in **Table 3-2**. Cross drain information was obtained from the project survey, historic plans and Straight Line Diagrams (SLD). See **Appendix A** for the Existing Cross Drain Exhibit.

Table 3-2: Existing Cross Drains

Structure Number	Baseline/Location	Station	Description		Length (ft)
			Size	Pipe Type	
CD-M1	McIntosh Road	25+58	18-inch	RCP	39
CD-M2	McIntosh Road	36+51	24-inch	RCP	53
CD-M3	McIntosh Road	51+50	Double 24-inch	RCP	99
CD-INT1	McIntosh Road	57+16	Double 36-inch	RCP	78
CD-INT2	Under I-4 WB Off Ramp	NA	36-inch	RCP	60

3.5. BRIDGES

There are no existing bridges or bridge culverts within the project limits.

3.6. FLOODPLAINS AND FLOODWAYS

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Hillsborough County and Incorporated Areas Panel 12057C0263H, effective August 28, 2008, was reviewed to determine the extent of FEMA floodplains within the project limits. The project passes through FEMA Zone AE areas associated with Baker Creek Canal Tributary 2, and unnamed ditches. Flood elevations related to Tributary 2 were obtained from the flood profile in the FEMA Flood Insurance Study 12057CV007C (FIS) for Hillsborough County, dated October 7, 2021, Panel 189P. The FEMA FIRM and excerpts from the FIS are provided in **Appendix C**.

At CD-M2 (Sta 36+51, McIntosh Road), the 100-year flood elevation on the east (upstream) side of McIntosh Road is approximately 56.7 and on the west (downstream) side of the road it is approximately 55.9 per FIS Panel 189P. According to the FIRM, the floodplain associated with Tributary 2, also impacts McIntosh Road at the I-4 interchange area, with 100-year flood elevations closer to 58.0. The Tributary 2 floodplain also extends south to US 92 with a 100-year flood elevation of 57.0.

Kevin Gabler from District 7 Maintenance was contacted and other than localized flooding at the southeast corner of the intersection of McIntosh Road and US 92, there are no known drainage issues. Kevin stated that the stormwater cannot make it into the catch basin southeast of the intersection in front of the gas station. The correspondence is included in **Appendix D**.

Larry Webster from Hillsborough County was also contacted and found in their historical flooding locations records some yard flooding at the intersection of Dickey Ave and McIntosh Rd during Hurricane Frances in 2004. Other than this record Hillsborough County staff found no other record of flooding issues within the project area. The correspondence is included in **Appendix D**.

There are no FEMA designated floodways within the project limits.

4. PROPOSED CONDITIONS

4.1 ENCROACHMENTS

Construction of the existing project will require placing fill in existing FEMA floodplain areas. The project includes transverse floodplain impacts. The impacts cannot be avoided since the existing roads are included in the FEMA floodplain areas and the floodplains are directly adjacent to the existing roads.

The transverse impacts result from encroachment at the ditches and streams perpendicular to the road at existing cross drains, requiring extensions and/or replacements. The transverse impacts will be avoided or minimized by designing road grades and culvert sizes to eliminate road overtopping such that there is no significant increase in headwater elevations. Additional mitigation for floodplain will be accomplished by providing floodplain compensation sites consistent with the requirements of the Southwest Florida Water Management District and FDOT.

The proposed cross-drains and other drainage features will be designed in accordance with the FDOT Drainage Manual, Topic No. 625-040-002, and no adverse impacts to floodplains are anticipated as the result of this project.

4.2 AVOIDANCE ALTERNATIVES

All the floodplain encroachments resulting from the proposed project will be minimal due to the proposed widening following the same general alignment as the existing roadway. During the design phase, floodplain impacts may be further minimized by adjusting the typical section within the encroachment areas by revising side slopes.

4.3 EMERGENCY SERVICES AND EVACUATIONS

McIntosh Road is not a designated emergency evacuation route. It connects to I-4 and US 92, both of which are emergency evaluation routes. The minimal floodplain impacts on this project will not impact either of those evacuation routes. The impacts also will also not adversely impact emergency services, including access to and from Fire Station #23.

5. CONCLUSIONS AND RECOMMENDATIONS

Based on FDOT's encroachment categories, this project falls under Category 4: "PROJECTS ON EXISTING ALIGNMENT INVOLVING REPLACEMENT OF EXISTING DRAINAGE STRUCTURES WITH NO RECORD OF DRAINAGE PROBLEMS".

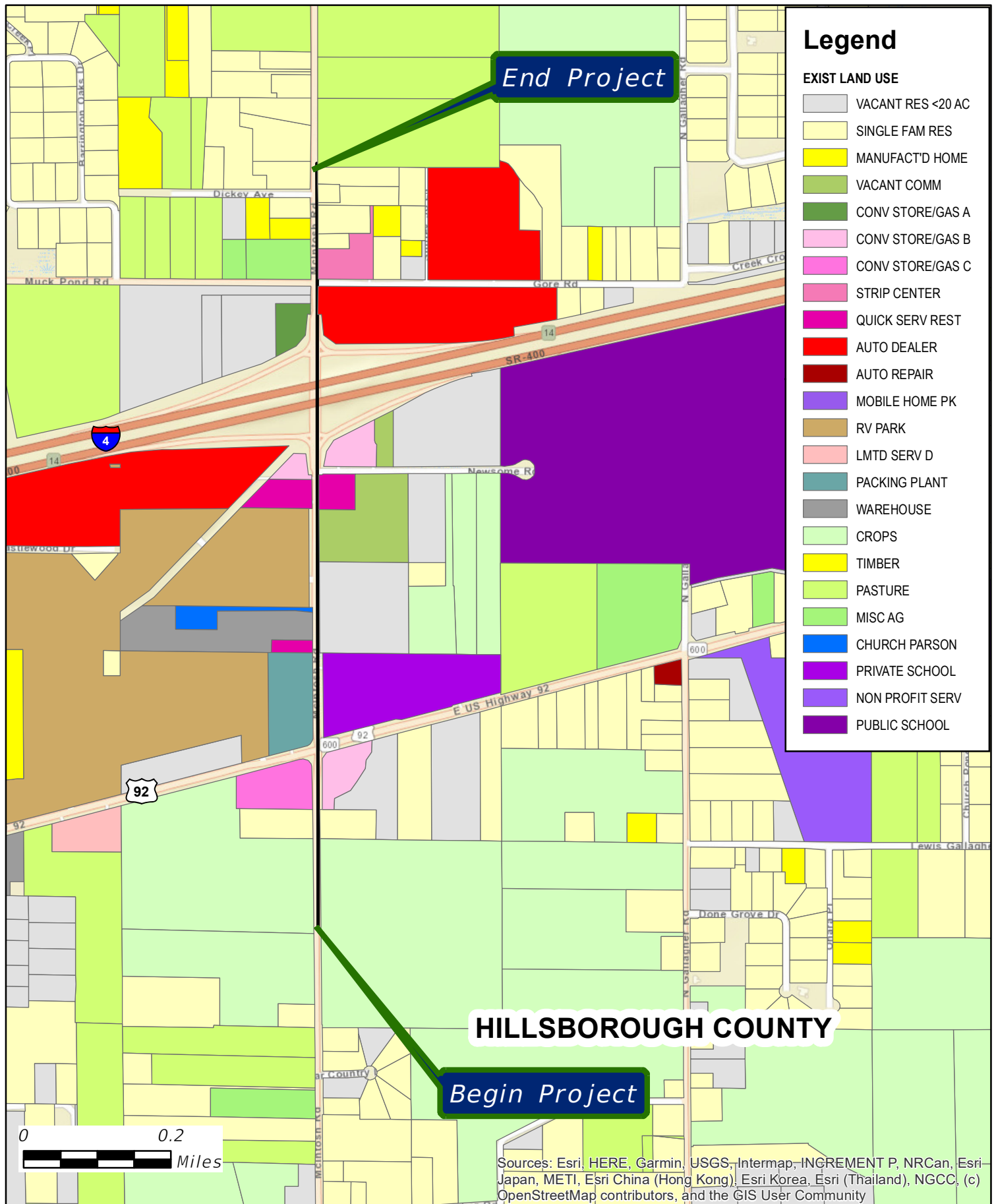
The proposed structures will perform hydraulically in a manner equal to or greater than the existing structures, and backwater surface elevations are not expected to increase. Thus, there will be no significant adverse impacts on natural and beneficial floodplain values. There will be no significant change in flood risk, and there will not be a significant change in the potential for interruption or termination of emergency service or emergency evacuation routes. Therefore, it has been determined that this encroachment is not significant.

6. REFERENCES

- FEMA FIRM Map for Hillsborough County, Panel 12057C0263H, effective August 28, 2008
- FEMA FIS 12057CV007C Report dated October 7, 2021
- FDOT Project Development and Environment Manual, Effective: July 1, 2023
- FDOT Drainage Manual, Effective: January 2024
- FDOT Drainage Design Guide, Effective: January 2024
- NRCS – USDA Soils Survey for Hillsborough County, FL

Appendix A

Exhibits



Existing Land Use

Source: Hillsborough County Property Appraiser

FPID: 447157-1-52-01

Date: 7/19/2024

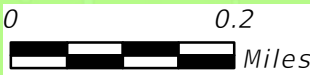
End Project

Begin Project

HILLSBOROUGH COUNTY

Legend

- PUBLIC/QUASI-PUBLIC
- RESIDENTIAL-1 (.25 FAR)
- SUBURBAN MIXED USE-6 (.35 FAR)



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



Future Land Use
Source: Hillsborough County Planning Commission

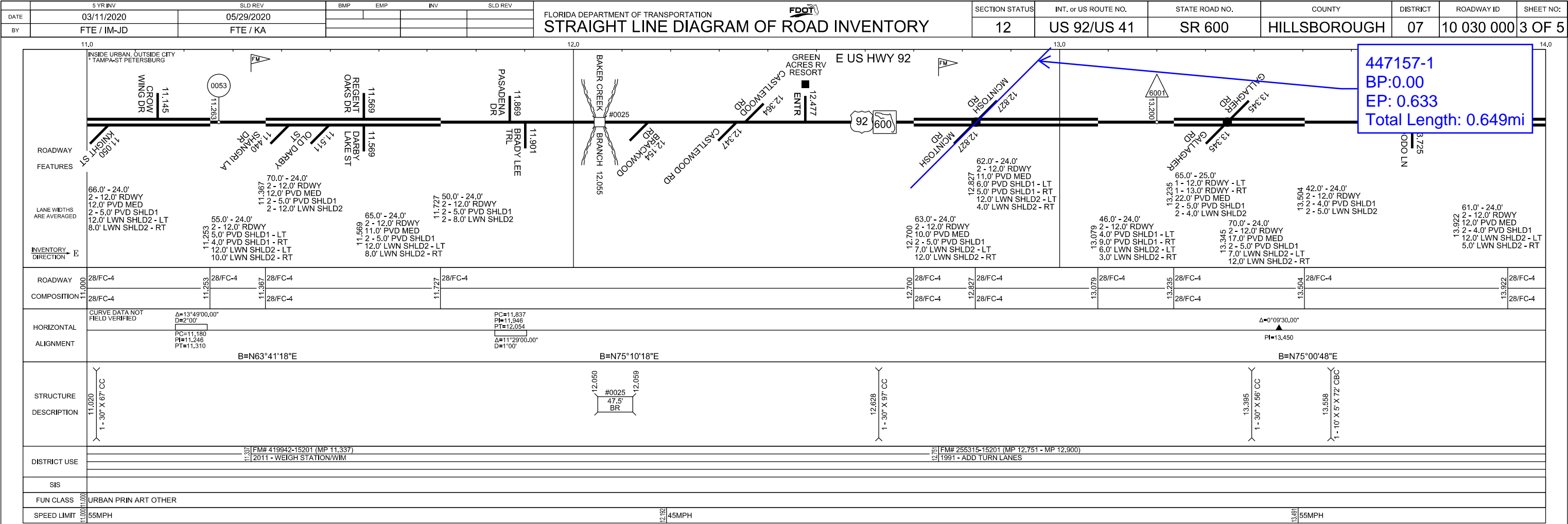


STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EXISTING CROSSDRAIN EXHIBIT	SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
MCINTOSH	HILLSBOROUGH	447157-1-32-01		

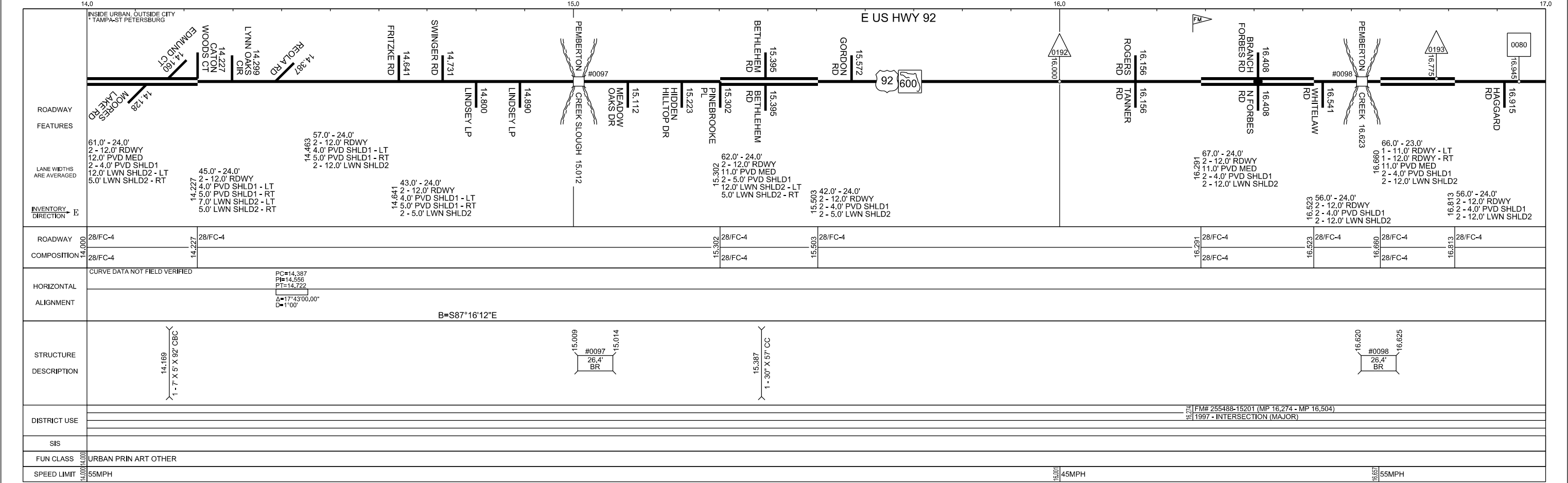
7/26/2024 2:20:13 PM hmvgsdca
C:\Users\hmvgsdca\Documents\447157-1-32-01\447157-1-32-01.dwg
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G05-3.004, F.A.C.

Appendix B

FDOT Straight Line Diagrams

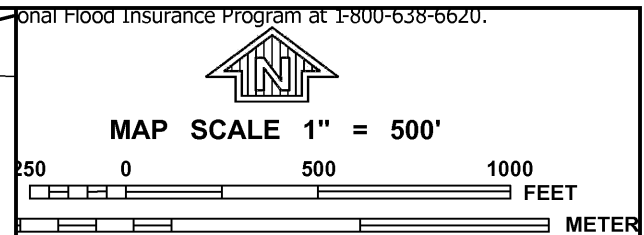
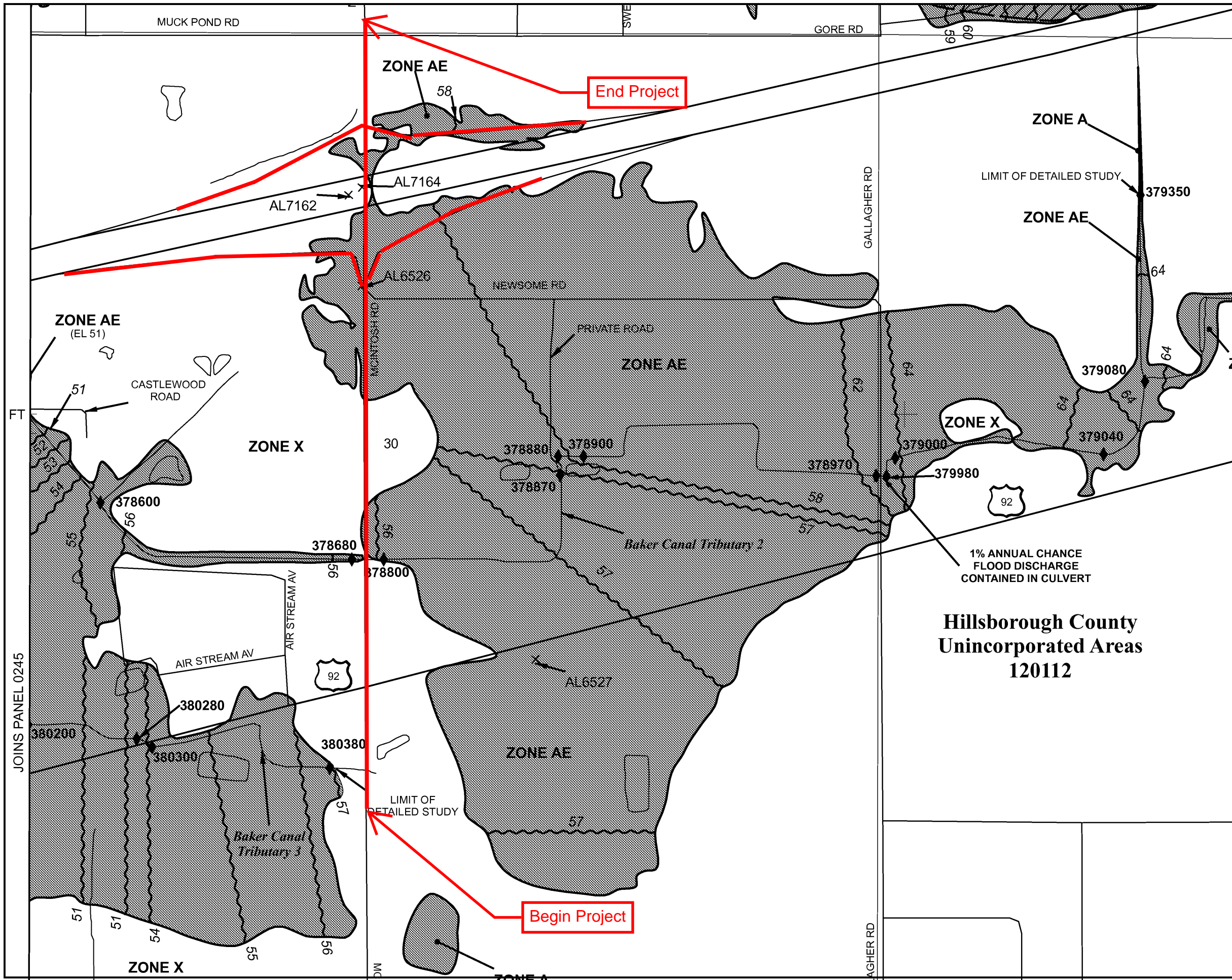


447157-1
BP:0.00
EP: 0.633
Total Length: 0.649mi



Appendix C

FEMA FIRM and FIS Excerpts



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0263H

FIRM

FLOOD INSURANCE RATE MAP

HILLSBOROUGH COUNTY,
FLORIDA
AND INCORPORATED AREAS


PANEL 263 OF 801

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HILLSBOROUGH COUNTY	120112	0263	H

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER

12057C0263H

EFFECTIVE DATE

AUGUST 28, 2008

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 7 OF 11



HILLSBOROUGH COUNTY, FLORIDA AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
HILLSBOROUGH COUNTY, UNINCORPORATED AREAS	120112
PLANT CITY, CITY OF	120113
TAMPA, CITY OF	120114
TEMPLE TERRACE, CITY OF	120115



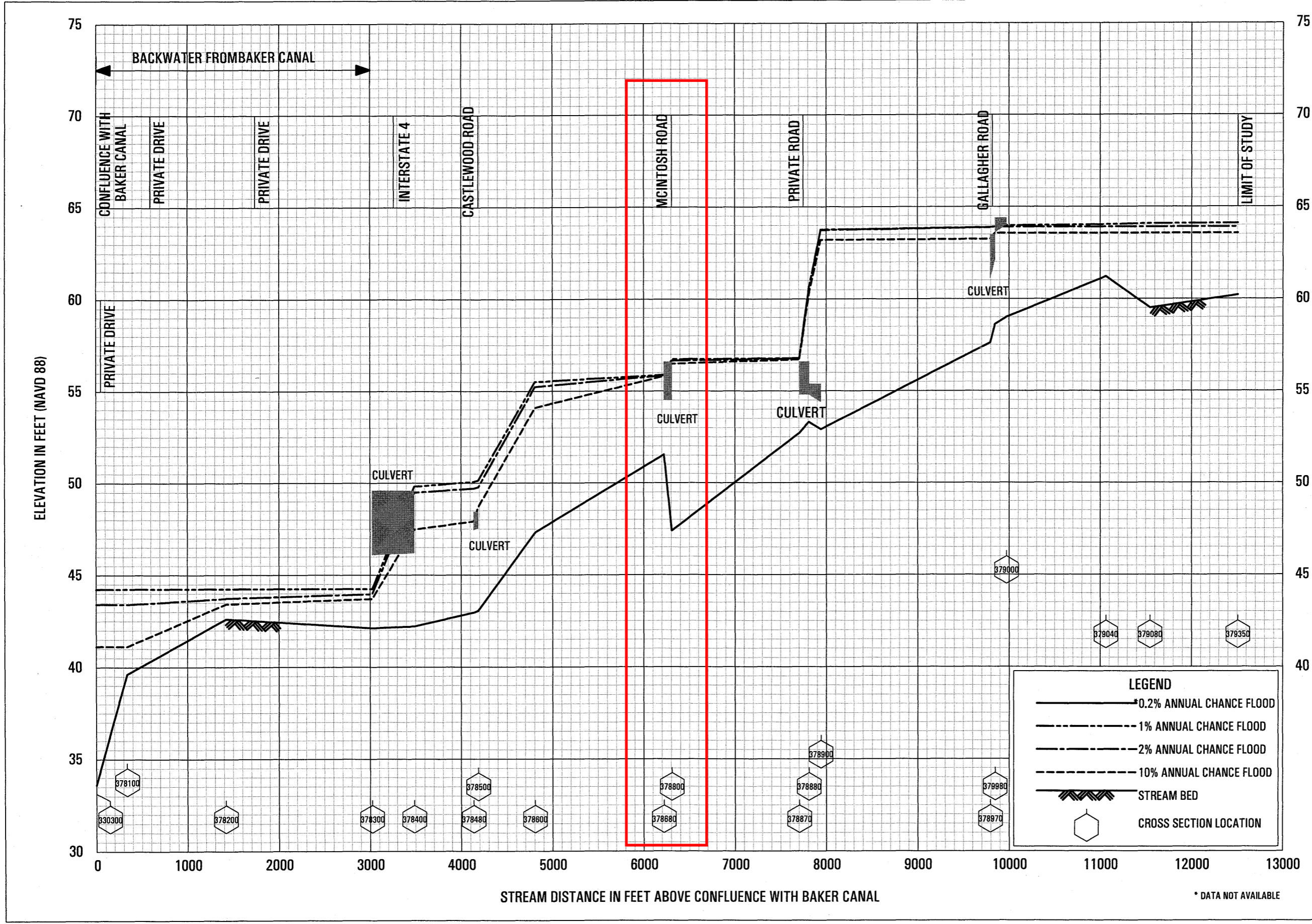
FEMA

REVISED:

OCTOBER 7, 2021

FLOOD INSURANCE STUDY NUMBER
12057CV007C

Version Number 2.4.3.5



Appendix D

Correspondence

Jen Rehr

From: Gabler, Kevin <Kevin.Gabler@dot.state.fl.us>
Sent: Monday, December 12, 2022 7:32 AM
To: Jen Rehr
Cc: Carol Conner; Smith, Jason; Gibson, Ron
Subject: RE: US 92 in Hillsborough Co - W of McIntosh Rd to E of McIntosh Rd - History of Flooding Info Request

Categories: McIntosh Road

CAUTION: This email originated from outside the organization. Use caution with links and attachments.

Yes the SE corner floods on a regular basis, out into the road way, as there is no drainage there. The water can not make it to the catch basin in the grass east of the intersection in front of the gas station.

Respectfully,

Kevin Gabler
Roadway Maintenance Supervisor III - Tampa Operations
Florida Department of Transportation
2822 Leslie Road, Tampa Florida 33619
Desk Phone 813-612-3249
Cell Phone 813-323-1163
Kevin.Gabler@dot.state.fl.us

From: Jen Rehr <Jen.Rehr@patelgreene.com>
Sent: Thursday, December 8, 2022 1:33 PM
To: Gabler, Kevin <Kevin.Gabler@dot.state.fl.us>; Keller, Paul <Paul.Keller@dot.state.fl.us>
Cc: Carol Conner <Carol.Conner@patelgreene.com>
Subject: US 92 in Hillsborough Co - W of McIntosh Rd to E of McIntosh Rd - History of Flooding Info Request

EXTERNAL SENDER: Use caution with links and attachments.

Good afternoon, Kevin and Paul,

I am working on a roadway project for US 92 and wanted to request any information you may have regarding history of flooding throughout US 92 from west of McIntosh Road to east of McIntosh Road in Hillsborough County.

Please see attached a project location map for your use.

Thank you in advance for your time.

Jennifer Rehr
Engineering Intern II

Patel, Greene & Associates, LLC (PGA)
101 S. Garland Ave, Suite 201 Orlando, FL 32801
Office: (407) 720-7420, Ext. 408 | Cell: (863) 242-6029 | Email: Jennifer.Rehr@patelgreene.com

Carol Conner

From: Webster, Larry <WebsterL@HillsboroughCounty.ORG>
Sent: Monday, October 9, 2023 5:25 PM
To: Jen Rehr
Cc: Gao, Jie; Dicus, Leland; Suess, Robert; Carol Conner
Subject: FW: McIntosh Rd from S of US 92 to N of I-4 History of Flooding Information Request

CAUTION: This email originated from outside the organization. Use caution with links and attachments.

Staff has completed our review of your request. Staff has no record of significant flooding issues in MaintStar along the portion of McIntosh Rd (US 92 to just north of I-4) requested. Staff also coordinated with our maintenance unit staff and other long term staff, they were unaware of any as well. My apologies for the delayed response as I thought this has been completed previously.

Larry Webster

Stormwater Investigation Manager

Technical Services Division
Engineering and Operations Department

C: (813) 734-3838

F: (813) 272-5320

E: WebsterL@HillsboroughCounty.org

W: HillsboroughCounty.org

Hillsborough County

601 E. Kennedy Blvd., Tampa, FL 33602

[Facebook](#) | [Twitter](#) | [YouTube](#) | [LinkedIn](#)

From: Brown, Eric <BrownEr@hillsboroughcounty.org>
Sent: Monday, October 9, 2023 1:01 PM
To: Webster, Larry <WebsterL@HillsboroughCounty.ORG>; Gao, Jie <GaoJ@hillsboroughcounty.org>
Cc: Hinson, Corey <HinsonC@hillsboroughcounty.org>
Subject: RE: McIntosh Rd from S of US 92 to N of I-4 History of Flooding Information Request

I found nothing in MAINTSTAR.

I did not find anything in the Stormwater Section's Files/Folders.

I spoke with Corey Hinson – He does not recall any flooding issues or complaints for the Project Area (from North of Dickey Rd. to South of US Hwy 92)

Eric Brown

Engineering Associate

Stormwater Engineering Services

Technical Services Division
Engineering and Operations Department

M: (813) 450-6457

F: (813) 272-5320

E: BrownEr@HCFLGov.net

From: Gao, Jie <GaoJ@hillsboroughcounty.org>
Sent: Monday, October 9, 2023 11:50 AM
To: Brown, Eric <BrownEr@hillsboroughcounty.org>
Subject: FW: McIntosh Rd from S of US 92 to N of I-4 History of Flooding Information Request

Hi Eric,

I have checked our historical flood complaint GIS layers and sent out 2 emails to Jen. Below is the other email. I did not check any Work Orders in MaintStar.

Thanks,

Jie Gao, P.E., CFM, GISP

Section Manager, Stormwater Engineering Services

Technical Services Division

Engineering and Operations Department

—

M: (813) 460-6539

F: (813) 272-5320

E: GaoJ@HCFLGov.net

W: HCFLGov.net

Hillsborough County

601 E. Kennedy Blvd., Tampa, FL 33602

[Facebook](#) | [Twitter](#) | [YouTube](#) | [LinkedIn](#) | [HCFL Stay Safe](#)

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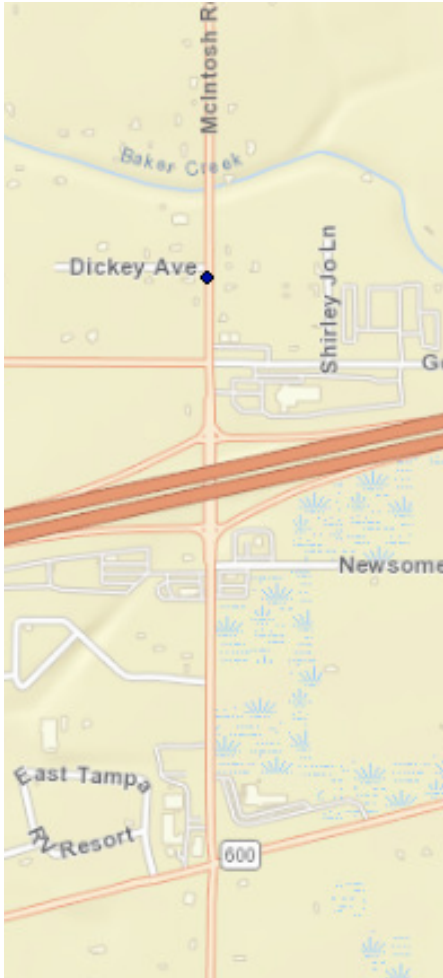
From: Gao, Jie
Sent: Monday, October 9, 2023 9:24 AM
To: Jen Rehl <jen.rehl@patelgreene.com>; Webster, Larry <WebsterL@HillsboroughCounty.ORG>
Cc: Dicus, Leland <DicusL@hillsboroughcounty.org>; Suess, Robert <SuessR@HillsboroughCounty.ORG>; Carol Conner <carol.conner@patelgreene.com>
Subject: RE: McIntosh Rd from S of US 92 to N of I-4 History of Flooding Information Request

Good morning Jen,

Sorry for the late reply. We thought the requested information had been provided.

From our historical flooding location records, there is only one record that shows flooding which fell within your project area. It was recorded during Hurricane Frances in 2004. Please see the screenshots below.

Larry is off today. He will get back with you on any other flooding work orders within the area, if there are any.



Identify

Identify from: <Top-most layer>

☒ Hurricane_Frances_Flooding_Locations
 ... PROPERTY FLOODING ON 9245 MCINTOSH RD DITCHES NEED

Location: 577,219.554 1,342,520.597 Feet

Field	Value
ACTIONDONE	CLEANED PIP W/ VAC TRUCK
Address	9245 McIntosh Rd
AproxDepth	
ASSIGNTO	TMD
CALL_DATE	9/8/2004
Citizen	Diane Trajillo
COMMENTS	
CONTROLNO	001-090804
COST_EST	0
Deficiency	
FED_AID	0
FEMA_CATC	0
FID	132
FloodType	YARD FLOODING
FRSTNM	
INSP_DATE	12:00:00 AM
Invst_Date	12:00:00 AM
Lat_Extent	
Location	
MAINTAREA	ESU
MP_rank	0
MP_rank2	0
Neigh_Cost	0
Neigh_rank	0
Neigh_rnk2	0
OBJECTID	132
Phone_No	986-3472
PlannedCIP	Unfunded 25
PM	
PM_Cost	0
PROBLEM	PROPERTY FLOODING ON 9245 MCINTOSH RD DITCHES NEED

Identified 1 feature

Thanks,

Jie Gao, P.E., CFM, GISP

Section Manager, Stormwater Engineering Services

Technical Services Division

Engineering and Operations Department

M: (813) 460-6539

F: (813) 272-5320

E: GaoJ@HCFLGov.net

W: HCFLGov.net

Hillsborough County

601 E. Kennedy Blvd., Tampa, FL 33602

Please note: All correspondence to or from this office is subject to Florida's Public Records law.

From: Jen Rehr <jen.rehr@patelgreene.com>
Sent: Monday, October 9, 2023 8:43 AM
To: Webster, Larry <WebsterL@HillsboroughCounty.ORG>
Cc: Gao, Jie <GaoJ@hillsboroughcounty.org>; Dicus, Leland <DicusL@hillsboroughcounty.org>; Suess, Robert <SuessR@HillsboroughCounty.ORG>; Carol Conner <carol.conner@patelgreene.com>
Subject: RE: McIntosh Rd from S of US 92 to N of I-4 History of Flooding Information Request
Importance: High

External email: Use caution when clicking on links, opening attachments or replying to this email.

Good morning,

I sent the emails below some time ago, but never received the information requested.

I am working on a roadway project for McIntosh Road and wanted to request any information you may have regarding history of flooding throughout McIntosh Road from south of US 92 to north of the I-4 interchange.

I've attached a project location map. Any information you may have will be greatly appreciated.

Thank you,

Jen Rehr



Jen Rehr, EI | Engineering Intern II

101 S. Garland Avenue, Suite 201, Orlando, FL, 32801

Office: (407) 720-7420 | **Cell:** (863) 242-6029

Email: jen.rehr@patelgreene.com

Follow PGA: [Website](#) | [LinkedIn](#) | [Instagram](#) | [X](#) | [Facebook](#)

Due to security concerns, we can no longer accept .zip attachments in emails.

From: Jen Rehr
Sent: Friday, February 17, 2023 2:18 PM
To: Webster, Larry <WebsterL@HillsboroughCounty.ORG>
Cc: Gao, Jie <GaoJ@hillsboroughcounty.org>; Dicus, Leland <DicusL@hillsboroughcounty.org>; Suess, Robert <SuessR@HillsboroughCounty.ORG>
Subject: RE: McIntosh Rd from S of US 92 to N of I-4 History of Flooding Information Request

Good afternoon,

I'm following up on the request below. Any information you can provide will be much appreciated.

Thank you and have a good weekend.

Jennifer Rehr
Engineering Intern II

Patel, Greene & Associates, LLC (PGA)
101 S. Garland Ave, Suite 201 Orlando, FL 32801
Office: (407) 720-7420 | Ext. 408 | Cell: (863) 242-6029 | Email: Jennifer.Rehr@patelgreene.com

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[Website](#) [Facebook](#) [LinkedIn](#) [Twitter](#) [Instagram](#)

Due to security concerns, we can no longer accept .zip attachments in emails.

From: Webster, Larry <WebsterL@HillsboroughCounty.ORG>
Sent: Thursday, December 1, 2022 3:26 PM
To: Jen Rehr <Jen.Rehr@patelgreene.com>
Cc: Gao, Jie <GaoJ@hillsboroughcounty.org>; Dicus, Leland <DicusL@hillsboroughcounty.org>; Suess, Robert <SuessR@HillsboroughCounty.ORG>
Subject: RE: McIntosh Rd from S of US 92 to N of I-4 History of Flooding Information Request

CAUTION: This email originated from outside the organization. Use caution with links and attachments.

We'll review the area in question and get you a response. It will be a couple of weeks before we complete the review though.

Larry Webster
Stormwater Investigation Manager
Technical Services Division
Engineering and Operations Department

C: (813) 734-3838
F: (813) 272-5320
E: WebsterL@HillsboroughCounty.org
W: HillsboroughCounty.org

Hillsborough County
601 E. Kennedy Blvd., Tampa, FL 33602

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From: Suess, Robert <SuessR@HillsboroughCounty.ORG>
Sent: Thursday, December 1, 2022 3:23 PM
To: Jen.Rehr@patelgreene.com
Cc: Webster, Larry <WebsterL@HillsboroughCounty.ORG>; Gao, Jie <GaoJ@hillsboroughcounty.org>; Dicus, Leland <DicusL@hillsboroughcounty.org>
Subject: FW: McIntosh Rd from S of US 92 to N of I-4 History of Flooding Information Request

Thank you, Jennifer.

I am copying my colleagues in Stormwater Engineering to discuss/respond as I believe that they will be able to provide a complete "picture".

Robert Suess

Division Director, Transportation Maintenance

Engineering and Operations- Public Works Administration

—

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From: Jen Rehl <Jen.Rehl@patelgreene.com>

Sent: Thursday, December 1, 2022 3:14 PM

To: Suess, Robert <SuessR@HillsboroughCounty.ORG>

Cc: Carol Conner <Carol.Conner@patelgreene.com>

Subject: McIntosh Rd from S of US 92 to N of I-4 History of Flooding Information Request

External email: Use caution when clicking on links, opening attachments or replying to this email.

Good afternoon, Robert,

I am working on a roadway project for McIntosh Road and wanted to request any information you may have regarding history of flooding throughout McIntosh Road from south of US 92 to north of the I-4 interchange.

Please see attached a project location map for your use.

Thank you,

Jennifer Rehl

Engineering Intern II

Patel, Greene & Associates, LLC (PGA)

[101 S. Garland Ave, Suite 201 Orlando, FL 32801](#)

Office: [\(407\) 720-7420](tel:(407)720-7420), Ext. 408 | Cell: [\(863\) 242-6029](tel:(863)242-6029) | Email: Jennifer.Rehl@patelgreene.com

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