

McIntosh Road

From South of US 92 to North of I-4

Project Development & Environment (PD&E) Study

Utility Assessment Package

McIntosh Road from South of US 92 to North of I-4 PD&E Study

Hillsborough County, Florida

Work Program Item Segment Number 447157-1

ETDM Project Number 14469

Federal Aid Project Number D721-007-B

Hillsborough County, Florida



Florida Department of Transportation

District Seven

In cooperation with



**Hillsborough
County** Florida

Hillsborough County, Public Works Department

August 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 Federal Highway Administration and FDOT.

McIntosh Road

From South of US 92 to North of I-4

Project Development & Environment (PD&E) Study

Utility Assessment Package

McIntosh Road from South of US 92 to North of I-4 PD&E Study

Hillsborough County, Florida

Work Program Item Segment Number 447157-1

ETDM Project Number 14469

Federal Aid Project Number D721-007-B

Hillsborough County, Florida

Prepared for:



Florida Department of Transportation

District Seven

Prepared by:

CDM Smith, Inc.

4010 W. Boy Scout Blvd., Suite 450

Tampa, FL 33607

August 2024

PROFESSIONAL ENGINEER CERTIFICATION

UTILITY ASSESSMENT PACKAGE

Project: McIntosh Road from South of US 92 to North of I-4

ETDM Number: 14469

Financial Project ID: 447157-1-52-01

Federal Aid Project Number: D721-007-B

This *Utility Assessment Package* contains engineering information that fulfills the purpose and need for the McIntosh Road Project Development & Environment Study from South of US 92 to North of I-4 in Hillsborough County, Florida. I acknowledge that the procedures and references used to develop the results contained in this report are standard to the professional practice of transportation engineering as applied through professional judgment and experience.

I hereby certify that I am a registered professional engineer in the State of Florida practicing with CDM Smith, Inc., and that I have prepared or approved the evaluation, findings, opinions, conclusions, or technical advice for this project.

This item has been digitally signed and sealed by Mohit Garg, P.E. Number 74928 on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Mohit Garg, PE
Florida PE # 74928
CDM Smith, Inc.
4010 W. Boy Scout Blvd., Suite 450
Tampa, FL 33607

TABLE OF CONTENTS

1.0	INTRODUCTION	1-1
1.1	PROJECT DESCRIPTION.....	1-1
1.2	EXISTING FACILITY AND PROPOSED IMPROVEMENTS	1-3
1.2.1	Existing Facility.....	1-3
1.2.2	Proposed Improvements	1-3
1.3	REPORT PURPOSE.....	1-4
2.0	EXISTING UTILITIES.....	2-1
2.1	UTILITY ASSESSMENT PACKAGE PROCESS	2-1
2.2	UTILITY OWNERS IN PROJECT AREA	2-1
2.3	DISPOSITION OF EXISTING UTILITIES IN PROJECT AREA.....	2-2
2.3.1	Spectrum Sunshine, LLC (Charter Communications)	2-2
2.3.2	Comcast Communications	2-2
2.3.3	Duke Energy.....	2-2
2.3.4	Florida Department of Transportation (FDOT)	2-2
2.3.5	Frontier Communications	2-3
2.3.6	Hillsborough County Traffic Services	2-3
2.3.7	Tampa Electric Company (TECO).....	2-3
2.3.8	Uniti Fiber LLC	2-3
2.3.9	Verizon Business MCI	2-3
2.3.10	Zayo Group	2-3
3.0	UTILITY RELOCATION COST ESTIMATE	3-1
4.0	POTENTIAL CONFLICTS & MITIGATIVE RECOMMENDATIONS	4-1
4.1	POTENTIAL CONFLICTS	4-1
4.1.1	Spectrum Sunshine, LLC (Charter Communications)	4-1
4.1.2	Comcast Communications	4-1
4.1.3	Duke Energy.....	4-1
4.1.4	Florida Department of Transportation (FDOT)	4-1
4.1.5	Frontier Communications	4-1
4.1.6	Hillsborough County Traffic Services	4-1
4.1.7	Tampa Electric Company (TECO).....	4-1
4.1.8	Uniti Fiber LLC	4-1
4.1.9	Verizon Business MCI	4-2
4.1.10	Zayo Group	4-2

APPENDICES

Appendix A – Utility Markups from Utility Owners
Appendix B – Preliminary Conceptual Design Plans
Appendix C – Sunshine 811 (One) Design Ticket
Appendix D – Utility Agency Owners Correspondence

LIST OF FIGURES

Figure 1-1 Project Location Map	1-2
Figure 1-2 Proposed McIntosh Road Typical Section	1-4
Figure 2-1 FDOT Utilities	2-2

LIST OF TABLES

Table 1-1 McIntosh Road Utility Contacts.....	2-1
---	-----

1.0 INTRODUCTION

The Florida Department of Transportation (FDOT) District Seven, in coordination with Hillsborough County, is conducting a Project Development and Environment (PD&E) study for McIntosh Road from south of US 92/State Road (SR) 600 to north of Interstate 4 (I-4)/SR 400. The objective of the PD&E study is to assist the FDOT Office of Environmental Management in reaching a decision on the type, location, and conceptual design of the necessary improvements to fulfill the purpose and need for the project and accommodate projected future traffic while providing accessibility and connectivity within the study area. This study documents a no build alternative, the need for improvements, and the procedures utilized to develop and evaluate various improvement alternatives, including elements such as proposed typical sections, preliminary roadway alignments, and intersection enhancements. The PD&E study satisfies all applicable requirements, including the National Environmental Policy Act, to qualify for federal-aid funding of subsequent development phases (design, right-of-way acquisition, and construction).

1.1 Project Description

The proposed project improvements include widening McIntosh Road from south of US 92 to north of I-4 in Hillsborough County for approximately 1.03 miles. A project location map is provided as **Figure 1-1**. The proposed project improvements include widening McIntosh Road to a four-lane divided urban typical section with curb and gutter, two (2) 11-foot wide travel lanes in each direction, a 22-foot wide median and a 10-foot wide shared use path on both sides. The proposed project includes adding turn lanes to the existing I-4 ramps, which merge into the existing ramp lanes before reaching the I-4 mainline. The limits of the ramp improvement tie into to existing projects at this interchange (FPID 446133-1, 441084-1 and 443319-1). The improvements also include converting the unsignalized intersection at Gore and Muck Pond Road to a widened signalized intersection. Muck Pond Road will be reconstructed with an additional turn lane while Gore Road will tie-in with the McIntosh Road improvements. Improvements included in the No-Build Alternative at US 92 are included in FPID 447158-1.

This project was screened through the FDOT's Efficient Transportation Decision Making (ETDM) process as ETDM Project Number 14469. The ETDM Programming Screening Summary Report was published on October 15, 2021, containing comments from the Environmental Technical Advisory Team on the project's effects on various natural, physical, and social resources. A Type 2 Categorical Exclusion is the class of action for this PD&E study.



Figure 1-1 Project Location Map

1.2 Existing Facility and Proposed Improvements

1.2.1 Existing Facility

McIntosh Road is a two-lane undivided rural roadway and is classified as a major collector under Hillsborough County's jurisdiction, except for the influence area of the I-4 interchange where FDOT maintains jurisdiction. The posted and design speed along the corridor is 45 mph from the southern terminus to US 92. From US 92 to the northern terminus the posted and design speed is 40 mph, with a context classification is C3C – Suburban Commercial. The Access management classification for McIntosh Road is 5 – Restrictive with 440-foot connection spacing. The I-4 ramps are classified as 1 – Freeway. This classification was made in consultation with Hillsborough County and the FDOT. The functional classification is Major Collector.

The I-4 ramps are part of the I-4 limited access facility, which is in turn part of the United States Interstate Highway System. McIntosh Road is a county roadway and is not part of the Strategic Intermodal System. This segment of McIntosh Road supports area connectivity and provides a connection between US 92 and I-4, which are both Florida Division of Emergency Management designated evacuation routes that have high volumes of truck traffic. US 92 is major east-west facility that spans the entire state and provides relief for I-4, a Strategic Intermodal System facility, during major incidents. US 92 is also an important freight route and exhibits high volumes of trucks.

McIntosh Road is a two-lane undivided local rural roadway with 10- to 11-foot wide travel lanes and 2- to 5-foot wide unpaved flush shoulders. There are no bicycle lanes, and the existing sidewalk segments are non-continuous. Within the project limits McIntosh Road has an open drainage system with a school zone in the southern portion. The existing Right-of-Way (ROW) along McIntosh Road varies. At its narrowest, the ROW is 44-feet wide, but this widens out to more than 70-feet closer to the I-4 interchange.

1.2.2 Proposed Improvements

The proposed improvements along McIntosh Road consists of a four-lane urban curb and gutter facility within 140-foot wide of ROW with a 35 mph design speed. There will be two (2) 11-foot wide travel lanes in each direction separated by a 22-foot wide raised median. A 10-foot wide shared use path is included in each direction. **Figure 1-2** shows the proposed typical section along McIntosh Road.

The preferred alternative includes ramp improvements at I-4 which tie into to existing projects (FPID 446133-1, 441084-1 and 443319-1). The limits of the proposed improvements at the eastbound (EB) and westbound (WB) ramps are from McIntosh Road to the gore areas of I-4, no changes are proposed on the I-4 mainline. The proposed improvements consist of adding turn lanes to each ramp which merge into the existing ramp lanes. Ramp improvements consist of one-way 12-foot wide travel lanes with a 12-foot wide outside shoulder (10-foot paved) and an 8-foot wide inside shoulder (4-foot paved). The EB and WB on-ramps are proposed to be two-lane, flush-shoulder ramps within a variable width (61-foot minimum) limited access ROW. The EB and WB off-ramps are proposed to be three-lane ramps within a limited access ROW that varies in width (51-foot minimum).

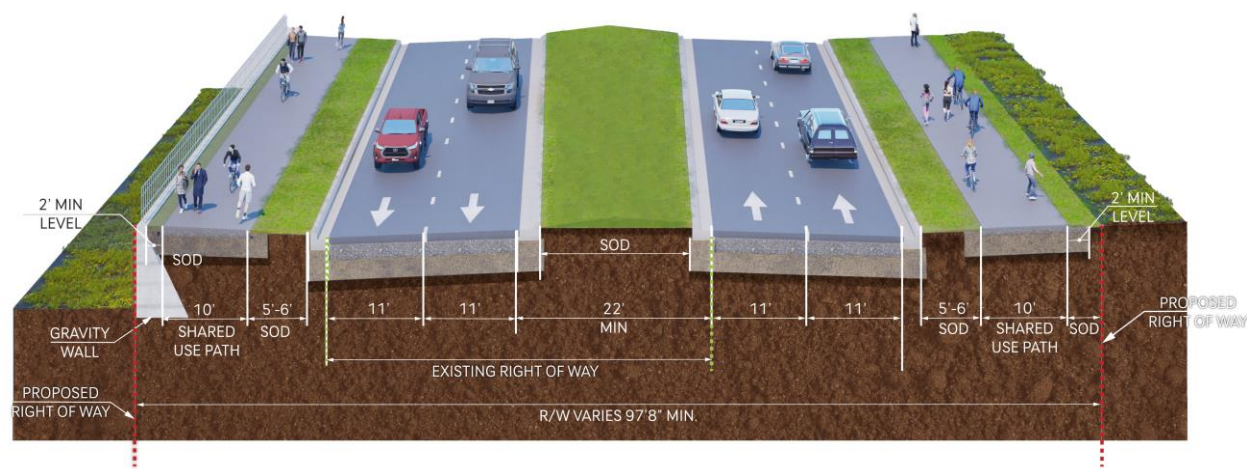


Figure 1-2 Proposed McIntosh Road Typical Section

1.3 Report Purpose

The purpose of this Utility Assessment Package (UAP) is to document relevant information concerning the location, dimension and characteristics of major utilities found to be within the footprint of the proposed widening of McIntosh Road for the purpose of evaluating and considering potential surface and subsurface utility conflicts associated with the proposed project. The UAP is part of the PD&E study to help the FDOT reach a decision on the type, location, and conceptual design of the necessary improvements to McIntosh Road to accommodate future travel demand safely and efficiently.

2.0 Existing Utilities

2.1 Utility Assessment Package Process

At the beginning of the UAP process, a Sunshine 811 (State One Call of Florida) was made via a “DESIGN TICKET ONLY – NO LOCATES (Ticket: 019402690) on January 19, 2024. As a result, a utility contact list was created of participating members in the project area. Each utility owner on the list was then contacted and asked to verify ownership and operation of any facilities, existing or proposed, within the McIntosh Road project area. These owners as listed in **Table 2-1** were then provided with preliminary conceptual design plans overlaid on an aerial photographic base. The owners were asked to mark and return one set of plans with their facilities, CADD files, or .KMZ files with their direct input (if available) and include any other pertinent information. The information was gathered and then referenced onto the Preliminary Conceptual Design Plans included in this report (refer to **Appendix B**).

2.2 Utility Owners in Project Area

Below are the utilities and contacts found from the list generated from Sunshine State One Call of Florida.

Table 2-1 McIntosh Road Utility Contacts

Company Name	Contact	Phone	Email
(Charter Communications) Spectrum Sunshine State LLC	Aaron Sweet	813-560-1766	Aaron.Sweet@charter.com
Comcast Communications	Jason Palmer	305-319-1601	Jason_Palmer3@comcast.com
Duke Energy	Mark Hurst	727-512-6268	DEFDistributionGOV@duke-energy.com
Transcore Florida Department of Transportation (FDOT) District 7 ITS	Andrew Bujanos	813-701-2862	Andrew.Young@TransCore.com
Frontier Communications	Kraivuth (Woody) Choeykrajang	813-877-7480	Kraivuth.choeykrajang@ftr.com
Hillsborough County Traffic Services	Darryle Norton	813-399-2848	nortond@hcfl.gov
TECO	Jason Payne	813-765-2494	CSAdmin@tecoenergy.com
Uniti Fiber LLC	Terry Young	251-422-3872	Terry.Young@uniti.com
Verizon Business (MCI)	Michael Krol	813-410-4803	Michael.Krol@verizon.com
Zayo Group (Formerly Lightwave, LLC)	Jake Sansom	813-763-5999	ZayoFLRelocations@zayo.com

2.3 Disposition of Existing Utilities in Project Area

See **Appendix B** for Preliminary Conceptual Design Plans and **Appendix A** for Utility Markups from Utility Owners. A description of the existing facilities is summarized below.

2.3.1 Spectrum Sunshine, LLC (Charter Communications)

Spectrum submitted markups on March 12, 2024, showing the location of their overhead and buried fiber optic cable (OFOC/BFOC) and cable television utilities (OTV/BTV). Their overhead facilities are attached to TECO poles. South of I-4, the OFOC and OTV lines run along the west side of McIntosh Road with buried connections crossing McIntosh Road to service properties on the east side of the road. Just south of I-4 these lines become buried FOC and TV lines, cross over to the east side of McIntosh Road and traverse under the I-4 interchange. To the south of Muck Pond Road/Gore Road, these lines become aerial through the north end of the study area. Along the north side of US 92 Spectrum maintains overhead FOC and TV lines. A buried TV line runs along the north side of Gore Road/Muck Pond Road. A buried FOC runs along the south side of Gore Road, crosses over Gore Road prior to the McIntosh Road intersection, and continues along the north side of Much Pond Road.

2.3.2 Comcast Communications

Comcast has confirmed that they are Not Involved within the McIntosh Road study area.

2.3.3 Duke Energy

Duke Energy has confirmed that they do not have facilities located within the project limits and that TECO covers the area.

2.3.4 Florida Department of Transportation (FDOT)

The FDOT submitted a .KMZ file on August 5, 2024. FDOT has Intelligent Transportation Systems (ITS) facilities including electric cable, fiber optic cable, conduit, and pull boxes. Facilities are located along the west side of McIntosh Road from just south of the eastbound ramp termini to just north of the westbound ramp termini, and they cross McIntosh Road at and just north of the westbound ramp termini.

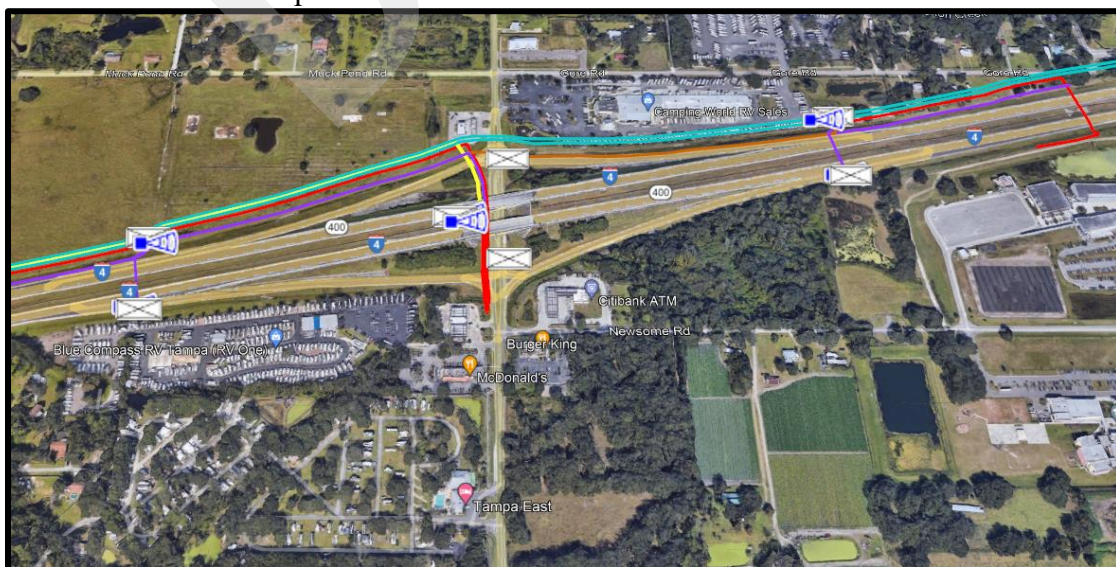


Figure 2-1 FDOT Utilities

2.3.5 Frontier Communications

Frontier submitted markups on February 23, 2024, showing the location of their buried telephone (BT) utility. To the south of I-4, the BT facilities run along the west side of McIntosh Road, cross under US 92, and ends prior to the I-4 interchange. Frontier does not have any facilities within the limits of the I-4 interchange. Along the north side of US 92 Frontier maintains BT lines and a buried FOC (Level “D” Locates). To the north of Muck Pond Road/Gore Road, overhead FOC and telephone lines exist, cross over McIntosh Road, and run along the west side of McIntosh Road through the north end of the study area.

2.3.6 Hillsborough County Traffic Services

Hillsborough County Traffic Services submitted markups on August 5, 2024, showing the utilities they maintain within the project limits. They include mast arms, traffic signals, controller assembly, conduit, pull boxes, electric service wire, electric power service, and traffic loops.

2.3.7 Tampa Electric Company (TECO)

TECO submitted markups on February 2, 2024. TECO has no transmission lines within the study area. To the south of I-4, overhead distribution power lines (13.2 kilovolt) run along the west side of McIntosh Road, cross over US 92, and end prior to the I-4 intersection. TECO does not have any facilities within the limits of the I-4 interchange. To the north of I-4, overhead distribution power lines (13.2 kilovolt) run along the east side of McIntosh Road, cross over Muck Pond Road/Gore Road and through the north end of the study area. There are multiple overhead crossings along McIntosh Road to service properties on the opposite side of the street of the utility poles.

2.3.8 Uniti Fiber LLC

Uniti Fiber submitted markups on January 23, 2024, confirming they have no utilities which run along McIntosh Road within the study area. Uniti Fiber does have buried FOC (BFOC) facilities which run along the north side of US 92 and cross under McIntosh Road.

2.3.9 Verizon Business MCI

Verizon (MCI) submitted markups on January 26, 2024, showing the location of their facilities within the project limits. They include hand-holes, 2” HDPE conduit FOC, and overhead FOC attached to TECO poles. South of I-4, their facilities run along the west side of McIntosh Road, starting at the north side of US 92, and crossing over McIntosh Road. Between US 92 and just south of the I-4 interchange their lines run overhead, at which point the utility is buried through to the north end of the study area. North of the Muck Pond Road/Gore Road and McIntosh intersection the facility crosses the road and runs along east side of McIntosh Road through the north end of the study area. Verizon has aerial FOC lines which run along the north side of US 92, from the east to the US 92 and McIntosh intersection.

2.3.10 Zayo Group

Zayo submitted markups on February 1, 2024, showing the location of their facilities within the project limits. They include 1.25” HDPE conduits and hand-holes. From south of US 92 to north of Muck Pond Road/Gore Road their facilities run underground along the west side of McIntosh Road. North of the Muck Pond Road/Gore Road and McIntosh intersection they cross the road and

runs along the east side of McIntosh Road through the end of the north end of the study area. Zayo has facilities which run along the south side of US 92 as well as Muck Pond Road/Gore Road.

DRAFT

3.0 Utility Relocation Cost Estimate

Depending on the location and depth of the utilities, construction of the proposed project will likely require adjustments or relocation of some facilities. Cost for utility adjustments is not included in the total estimated project costs since they will be incurred by the utility owners in many cases. Determination of any utility relocation reimbursement costs will be made by FDOT's legal department, or Hillsborough County's legal department if they will be constructing, during the future design phase.

It should be noted that some utilities are currently located under the existing pavement and would also be under the proposed improvements. The relocation costs could be reduced significantly if these utilities were permitted to remain within the travel way. However, new construction outside the existing travel lanes and proposed milling and resurfacing within the travel lane may require adjustments. Approval would need to come from both the utility owners and FDOT or Hillsborough County.

Impacts to existing utility facilities can also be reduced or eliminated if Subsurface Utility Engineering is performed during the design phase at potential conflict locations (drainage facilities, traffic signals etc.).

4.0 Potential Conflicts & Mitigative Recommendations

4.1 Potential Conflicts

See **Appendix B** for Preliminary Conceptual Design Plans and **Appendix A** for Utility Markups from Utility Owners. A description of the potential utility conflicts is summarized below. Additional information will be collected in the design phase during the utility coordination process.

4.1.1 *Spectrum Sunshine, LLC (Charter Communications)*

See **Section 2.3.1** for a description of the disposition and layout of Spectrum's facilities. The proposed improvements include ROW acquisitions on both sides of McIntosh Road. Their TECO pole attached aerial lines will require relocation. Spectrum's buried facilities may be impacted depending on their existing depth and the proposed pavement design.

4.1.2 *Comcast Communications*

With a Not Involved disposition, Comcast Communications has no potential utility conflicts.

4.1.3 *Duke Energy*

With a Not Involved disposition, Duke Energy has no potential utility conflicts.

4.1.4 *Florida Department of Transportation (FDOT)*

See **Section 2.3.4** for a description of the disposition and layout of FDOT's facilities. Close coordination will be required during the design phase of the project.

4.1.5 *Frontier Communications*

See **Section 2.3.5** for a description of the disposition and layout of Frontier's facilities. The proposed improvements include ROW acquisitions on both sides of McIntosh Road and may impact Frontier's buried facilities depending on their existing depth and the proposed pavement design.

4.1.6 *Hillsborough County Traffic Services*

See **Section 2.3.6** for a description of the disposition and layout of Hillsborough County's facilities. Close coordination with Hillsborough County will be required at the I-4 intersections where the County's facilities reside.

4.1.7 *Tampa Electric Company (TECO)*

See **Section 2.3.7** for a description of the disposition and layout of TECO's facilities. The proposed improvements include ROW acquisitions on both sides of McIntosh Road, requiring relocation of their distribution lines.

4.1.8 *Uniti Fiber LLC*

See **Section 2.3.8** for a description of the disposition and layout of Uniti Fiber's facilities. The proposed improvements include ROW acquisitions on both sides of McIntosh Road and may impact Uniti's buried facility at the US 92 intersection depending on their existing depth and the proposed pavement design.

4.1.9 Verizon Business MCI

See **Section 2.3.9** for a description of the disposition and layout of Verizon's facilities. The proposed improvements include ROW acquisition on both sides of McIntosh Road. Their TECO pole attached aerial lines will require relocation. Verizon's buried facilities may be impacted depending on their existing depth and the proposed pavement design.

4.1.10 Zayo Group

See **Section 2.3.10** for a description of the disposition and layout of Zayo's facilities. The proposed improvements include ROW acquisition on both sides of McIntosh Road and may impact Zayo's buried facilities depending on their existing depth and the proposed pavement design.

DRAFT

Appendix A

Utility Markups from Utility Owners

CONTRACT PLANS COMPONENTS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

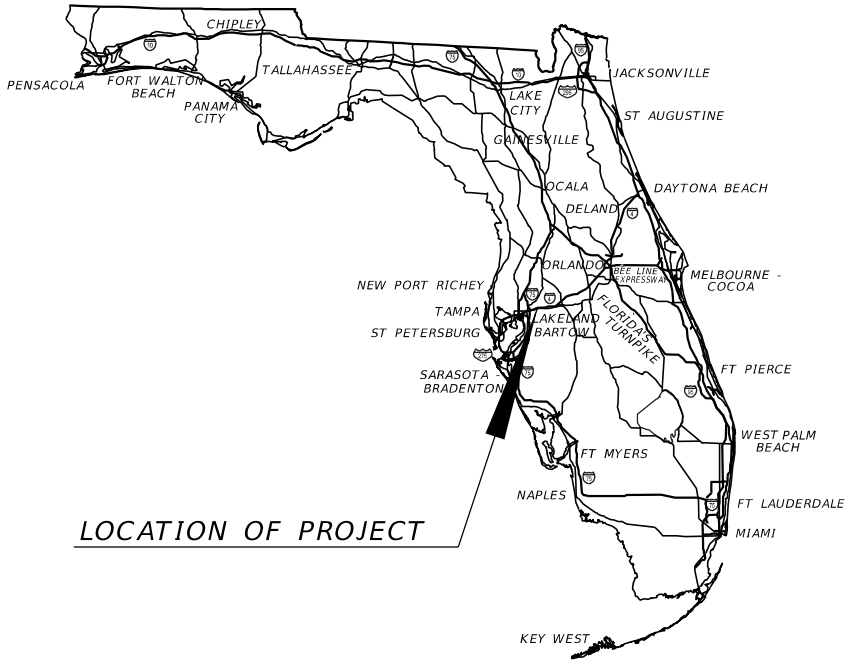
FINANCIAL PROJECT ID 447157-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10900031 & 10000622)
MCINTOSH ROAD
ADD LANES AND RECONSTRUCT
FROM S. OF US 92 TO N. OF DICKEY ROAD

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO. SHEET DESCRIPTION

PROJECT LOCATION URL: <https://tinyurl.com/34tuk4p2>
PROJECT LIMITS: BEGIN MP 0.204 - END MP 0.443 (#10900031)
BEGIN MP 0.000 - END MP 0.795 (#10000622)
EXCEPTIONS: NONE
BRIDGE LIMITS: NONE
RAILROAD CROSSING: NONE



LOCATION OF PROJECT

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: IR - -

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS
ENGINEER OF RECORD:

REJA E. RABBI, P.E.
P.E. LICENSE NUMBER 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607
813-281-2900
CONTRACT NO.: CAE10
VENDOR NO.: 04-247365

FDOT PROJECT MANAGER:

CRAIG FOX, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	27	1

1/22/2024 7:58:16 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

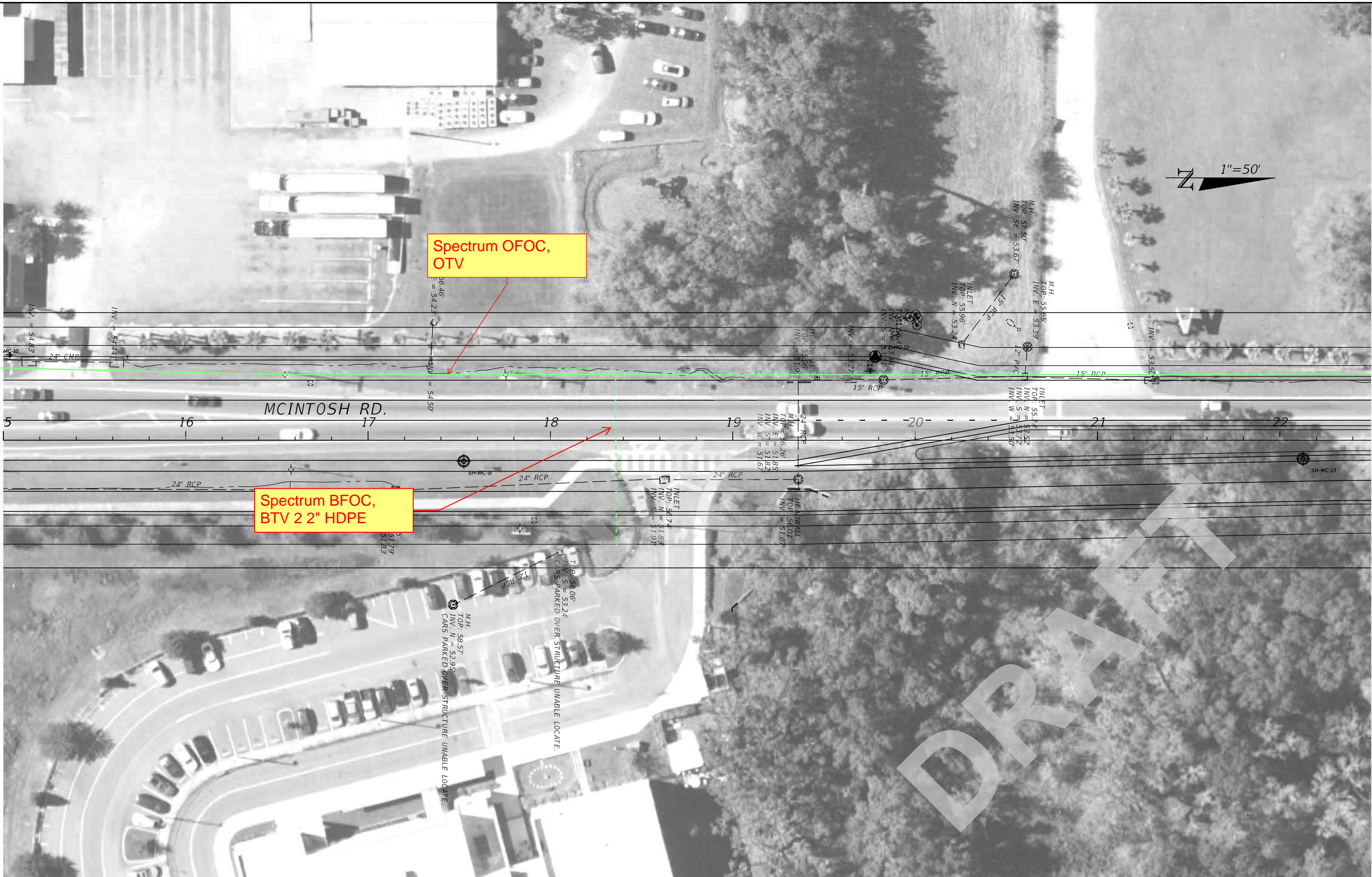
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

1/22/2024 7:58:21 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

1/22/2024 7:58:24 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607					

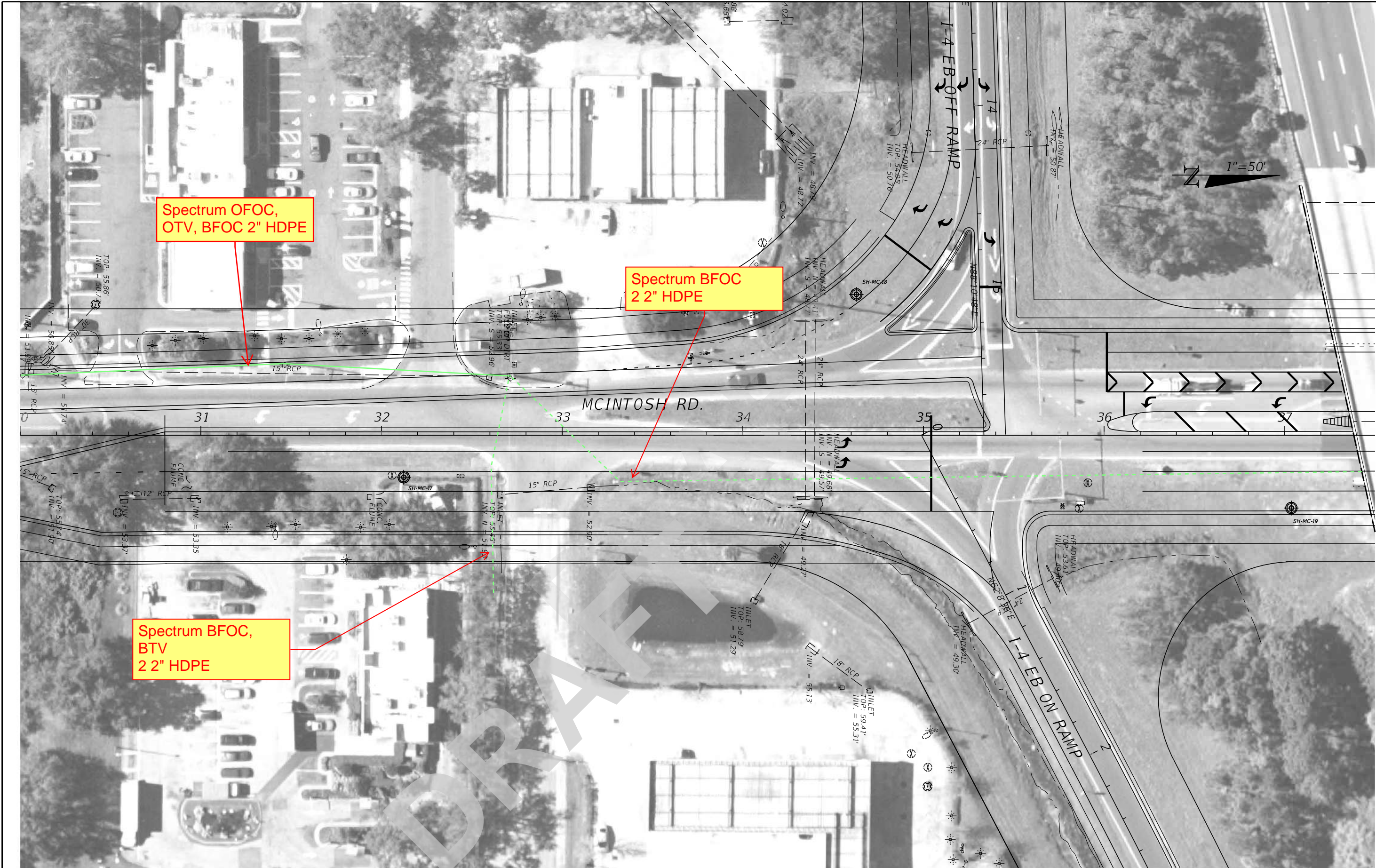
1/22/2024 7:58:28 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-3
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

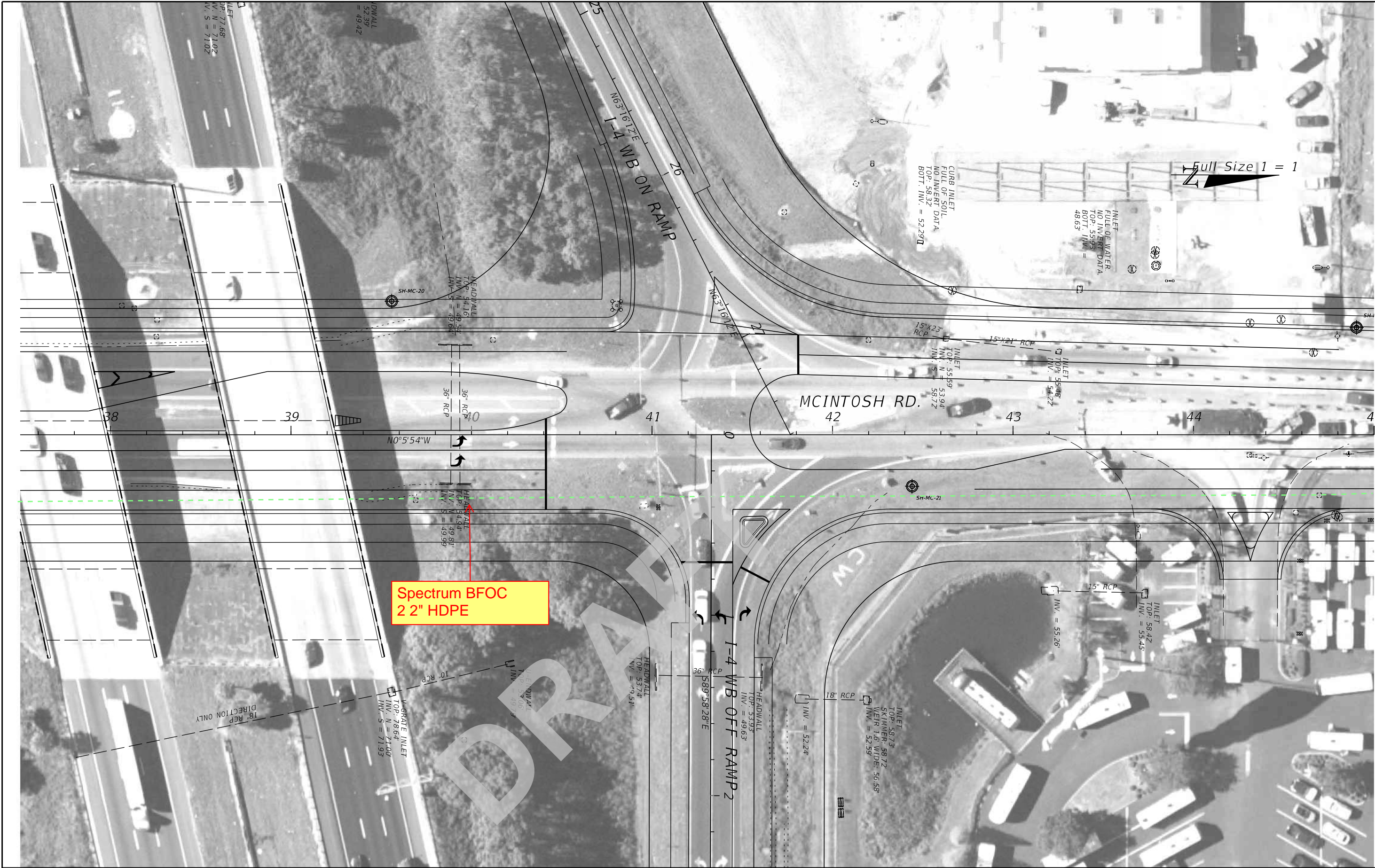
1/22/2024 7:58:33 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



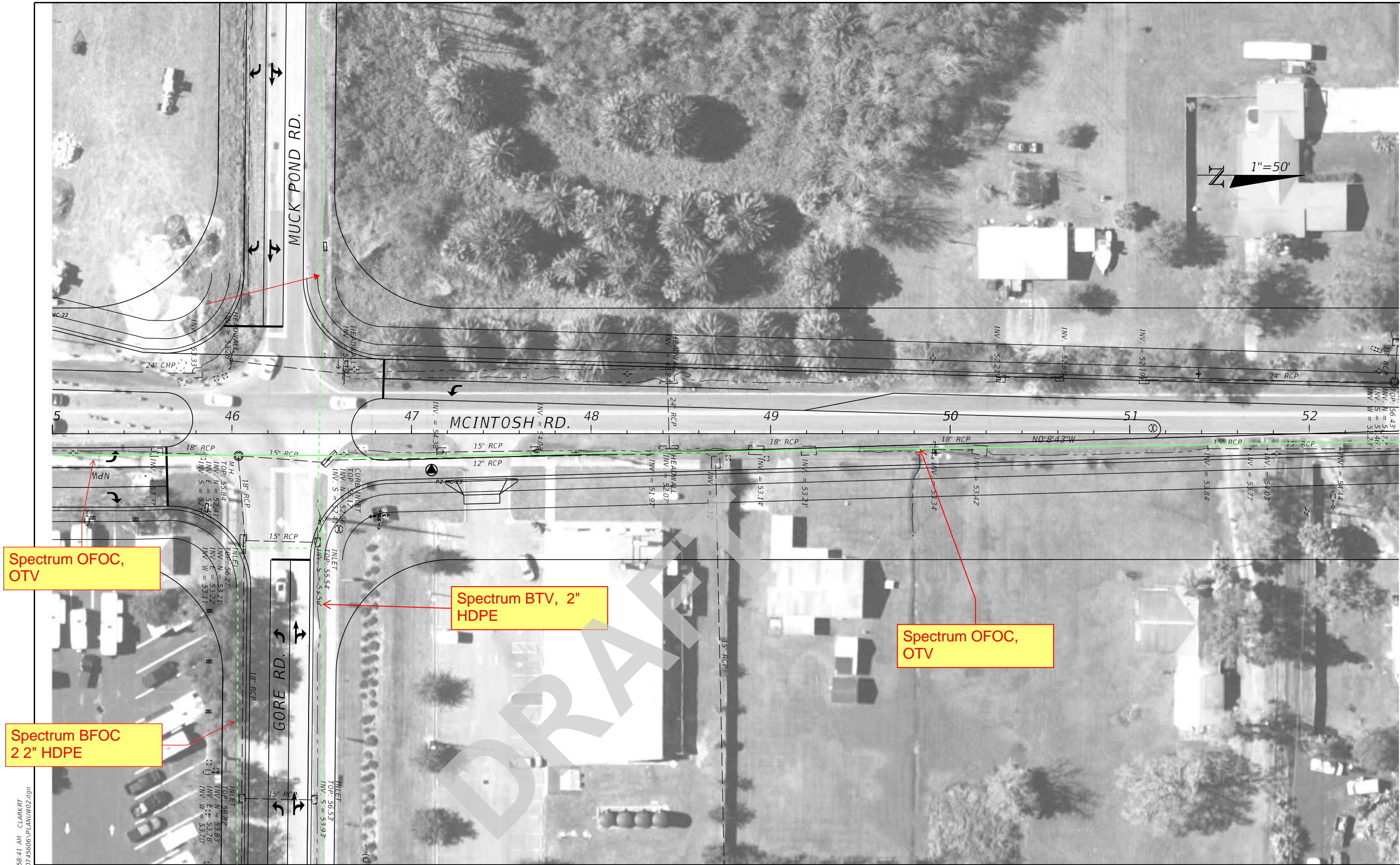
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-4
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:58:37 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-5
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		



Spectrum OFOC,
OTV

Spectrum BFOC
2 2" HDPE

Spectrum BTV, 2"
HDPE

Spectrum OFOC,
OTV

1/22/2024 7:58:41 AM CLARKRT
c:\cdm\ext\clarkr\1\00745606\PLAN\U02.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD	
REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	447157-1-52-01

ROADWAY PLAN	

SHEET NO.
McIntosh Plan-6

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

1/22/2024 7:58:46 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-7
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:04 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION		DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp A Plan-3
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:08 AM CLARKRT
c:\cdmext\clarkr\1\00745606\PLAN\U02.dgn



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp A Plan-4
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:13 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp A Plan-5
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:17 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp B Plan
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:20 AM CLARKRT
c:\cdmext\clarkr\1\00745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp B Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:25 AM CLARKRT
c:\cdmext\clarkr\1\00745606\PLAN\1\02.dgn

SEE MCINTOSH RD. PLAN 4



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:29 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:33 AM CLARKRT
c:\cdmext\clarkr\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-2
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:37 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp C Plan-3
					ROAD #	HILLSBOROUGH	447157-1-52-01		

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



1/22/2024 7:59:41 AM CLARKRT
c:\cdm\ext\clarkr\1\40745606\PLAN\U02.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ROAD #	HILLSBOROUGH	447157-1-52-01

ROADWAY PLAN

Ramp C
Plan-4

SHEET NO.

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

1/22/2024 7:59:44 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

DATE: 2/23/24
KCI JOB # 021703036GUM
FTR JOB # 4197046
FRONTIER GREENLINE MARKUP



NOTE:
FRONTIER FACILITIES ARE SHOWN AT THEIR DESIGNATED LOCATIONS. INFORMATION WAS OBTAINED FROM LEVEL "B" LOCATES ONLY.

MARK UP PREPARED BY:

 **KCI TECHNOLOGIES INC**
4041 Crescent Park Dr
Riverview, FL 33578
813-740-2300
www.kci.com

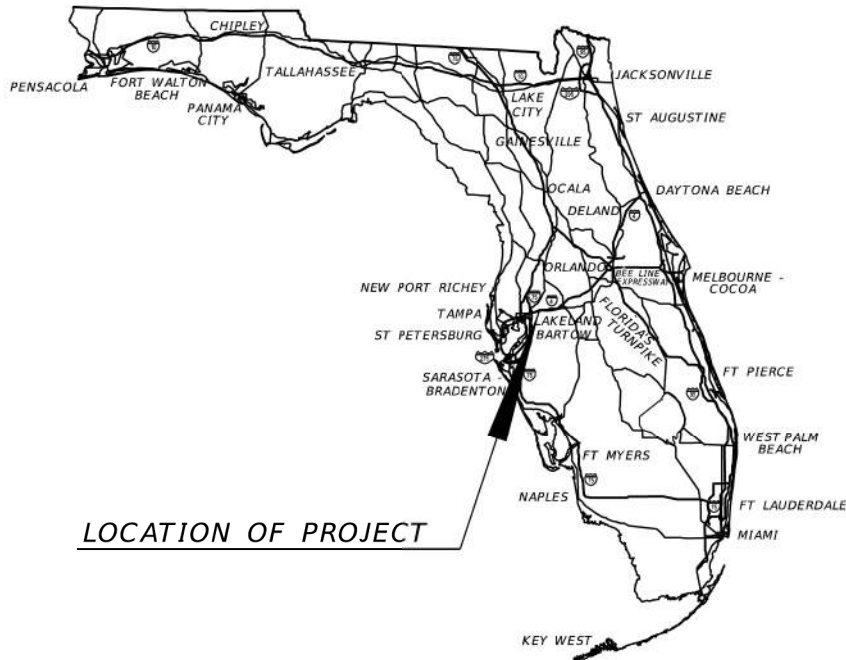
MARK UP PREPARED FOR:

 **FRONTIER COMMUNICATIONS**
1280 CLEVELAND STREET
CLEARWATER FL, 33577

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROADWAY PLANS

FINANCIAL PROJECT ID 447157-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10900031 & 10000622)
MCINTOSH ROAD
ADD LANES AND RECONSTRUCT
FROM S. OF US 92 TO N. OF DICKEY ROAD

PROJECT LOCATION URL: <https://tinyurl.com/34tuk4p2>
PROJECT LIMITS: BEGIN MP 0.204 - END MP 0.443 (#10900031)
BEGIN MP 0.000 - END MP 0.795 (#10000622)
EXCEPTIONS: NONE
BRIDGE LIMITS: NONE
RAILROAD CROSSING: NONE



LOCATION OF PROJECT

ROADWAY PLANS
ENGINEER OF RECORD:

REJA E. RABBI, P.E.
P.E. LICENSE NUMBER 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607
813-281-2900
CONTRACT NO.: CAE10
VENDOR NO.: 04-247365

FDOT PROJECT MANAGER:

CRAIG FOX, P.E.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: IR - -

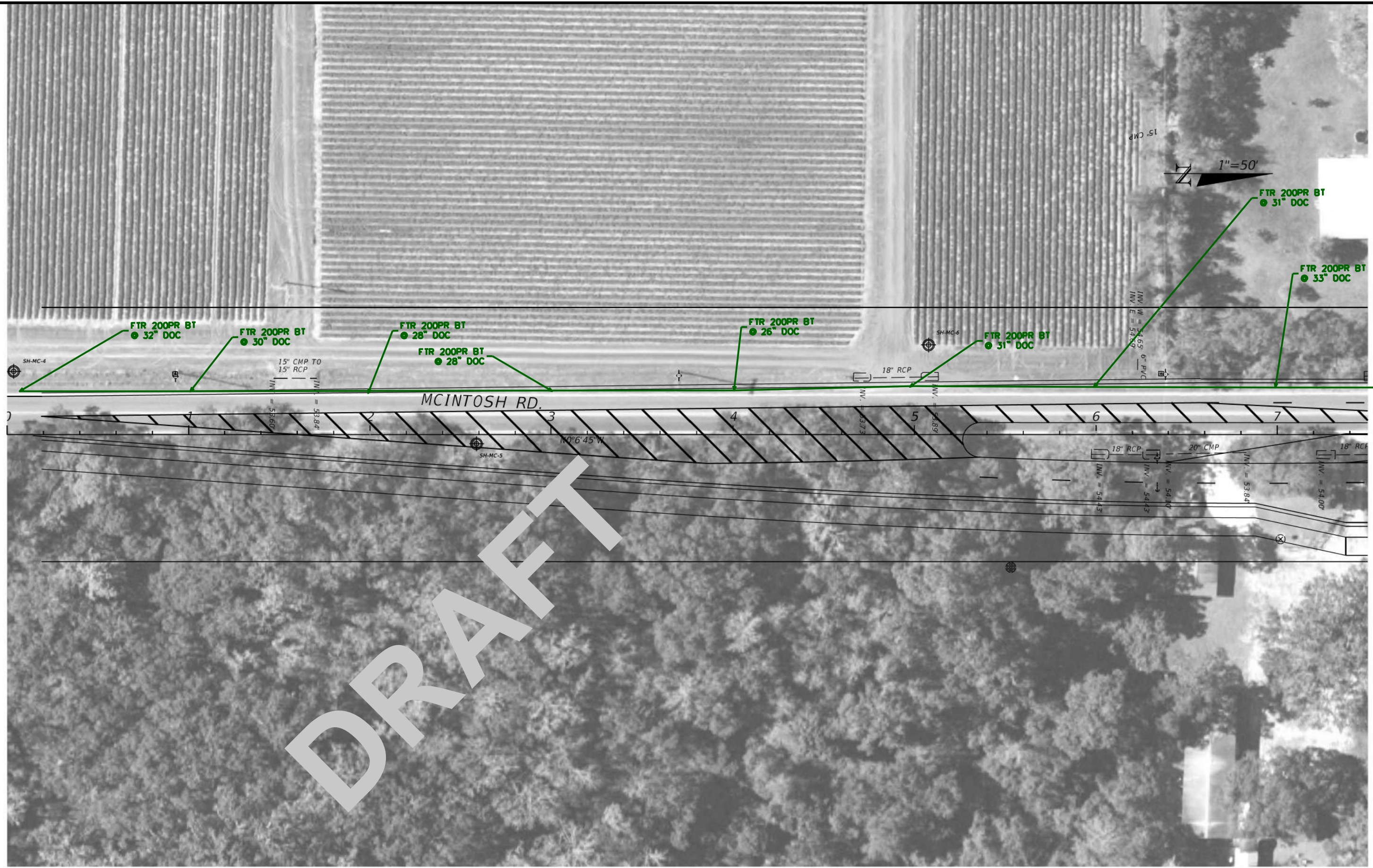
Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	27	1

SDATES
STIMES
SFILES



DATE : 2-24-24



KCI TECHNOLOGIES, INC.
4041 CRESCENT PARK DR
RIVERVIEW FL, 33578
TEL 813-740-2300
FAX 813-740-0158
www.kci.com



FRONTIER COMMUNICATIONS
1280 CLEVELAND STREET
CLEARWATER FL, 33577

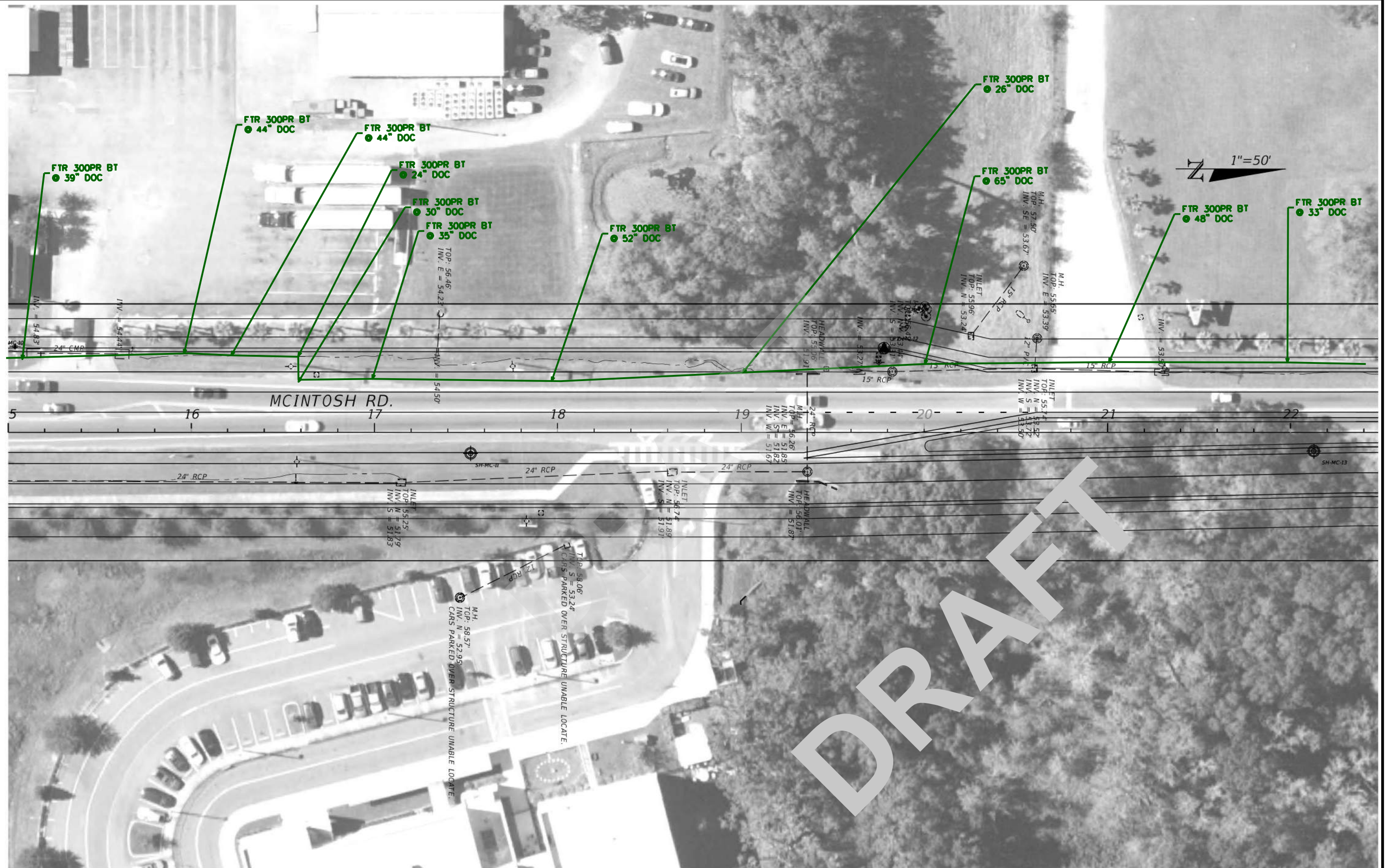
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	447157-1-52-01

PLAN 01

SHEET NO.
01

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

SDATES SFILES



DATE : 2-24-24



KCI TECHNOLOGIES, INC.
4041 CRESCENT PARK DR
RIVERVIEW FL, 33578
TEL 813-740-2300
FAX 813-740-0158
www.kci.com



FRONTIER COMMUNICATIONS
1280 CLEVELAND STREET
CLEARWATER FL, 33577

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	447157-1-52-01

PLAN 03

SHEET
NO.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



SDATES
STIMES
SFILES

DATE : 2-24-24



KCI TECHNOLOGIES, INC.
4041 CRESCENT PARK DR
RIVERVIEW FL, 33578
TEL 813-740-2300
FAX 813-740-0158
www.kci.com



**FRONTIER
COMMUNICATIONS**
1280 CLEVELAND STREET
CLEARWATER FL, 33577

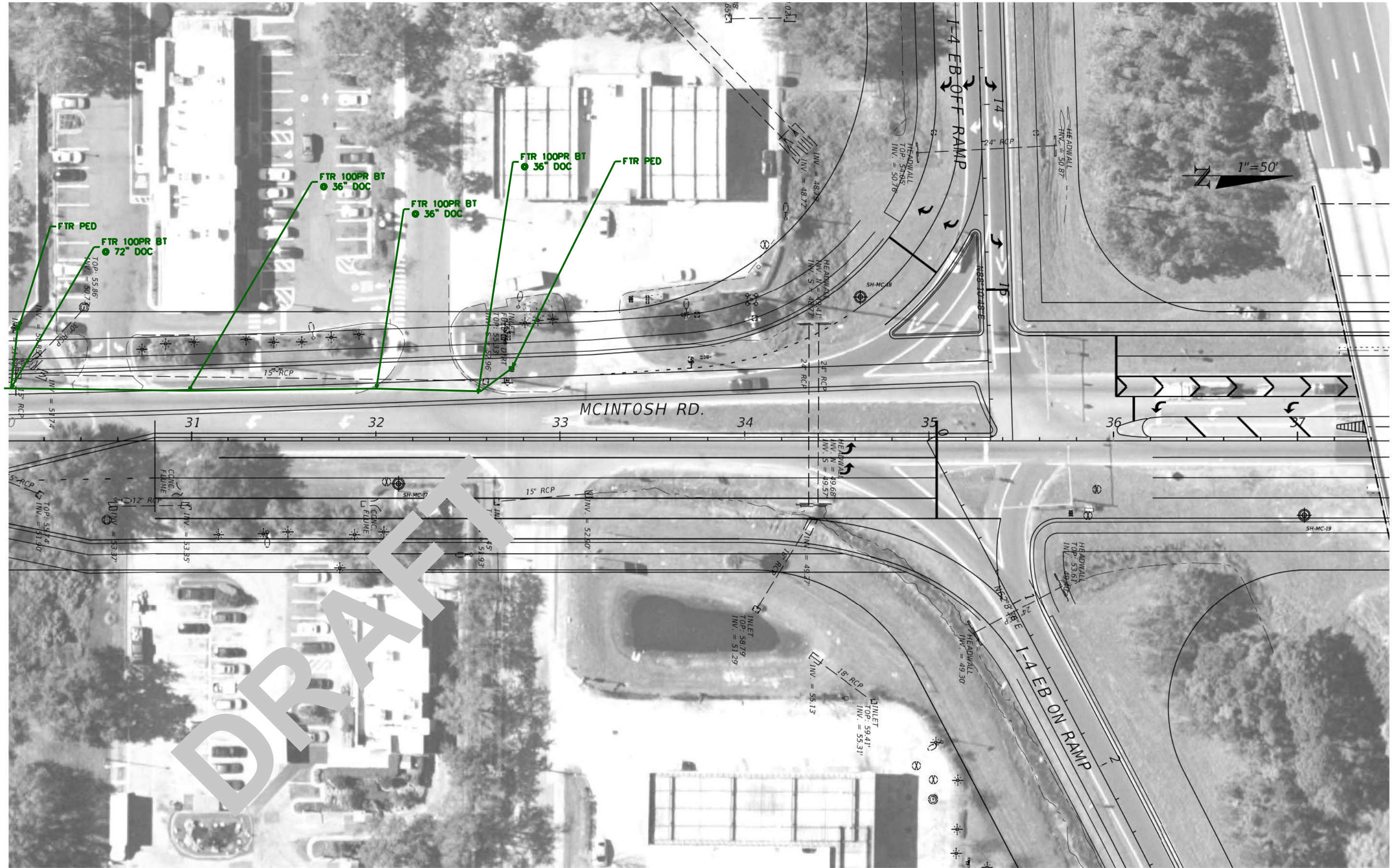
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	447157-1-52-01

PLAN 04

SHEET
NO.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



DATE : 2-24-24



KCI TECHNOLOGIES, INC.
4041 CRESCENT PARK DR
RIVERVIEW FL, 33578
TEL 813-740-2300
FAX 813-740-0158
www.kci.com



FRONTIER COMMUNICATIONS
1280 CLEVELAND STREET
CLEARWATER FL, 33577

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

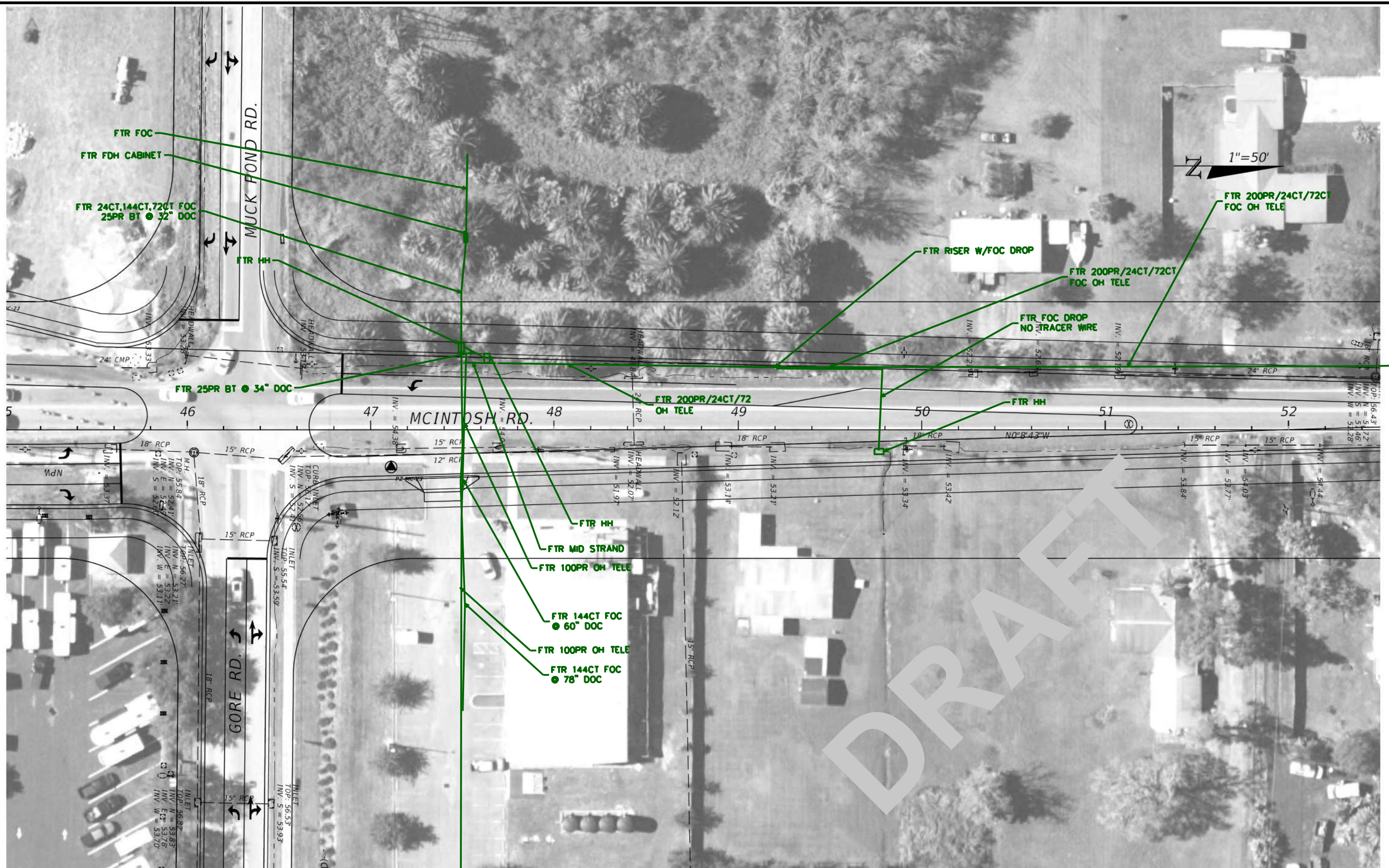
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	447157-1-52-01

PLAN 05

SHEET NO.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

SDATES SFILES



DATE : 2-24-24



KCI TECHNOLOGIES, INC.
4041 CRESCENT PARK DR
RIVERVIEW FL, 33578
TEL 813-740-2300
FAX 813-740-0158
www.kci.com



FRONTIER COMMUNICATIONS
1280 CLEVELAND STREET
CLEARWATER FL, 33577

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	447157-1-52-01

PLAN 07

SHEET NO.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

SDATES
STIMES
SFILES



DATE : 2-24-24



KCI TECHNOLOGIES, INC.
4041 CRESCENT PARK DR
RIVERVIEW FL, 33578
TEL 813-740-2300
FAX 813-740-0158
www.kci.com



**FRONTIER
COMMUNICATIONS**
1280 CLEVELAND STREET
CLEARWATER FL, 33577

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	447157-1-52-01

PLAN 08

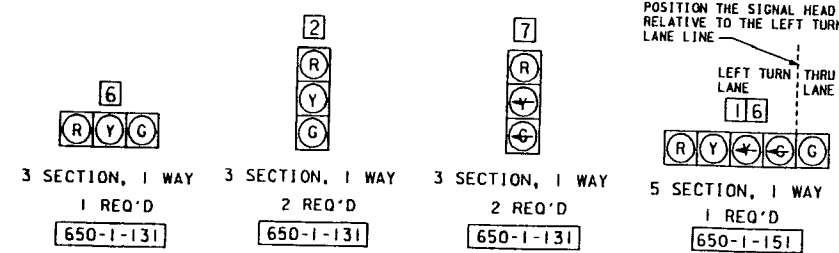
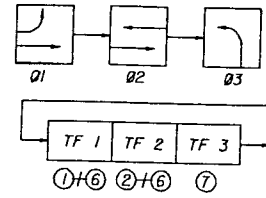
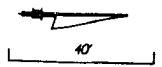
SHEET
NO.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

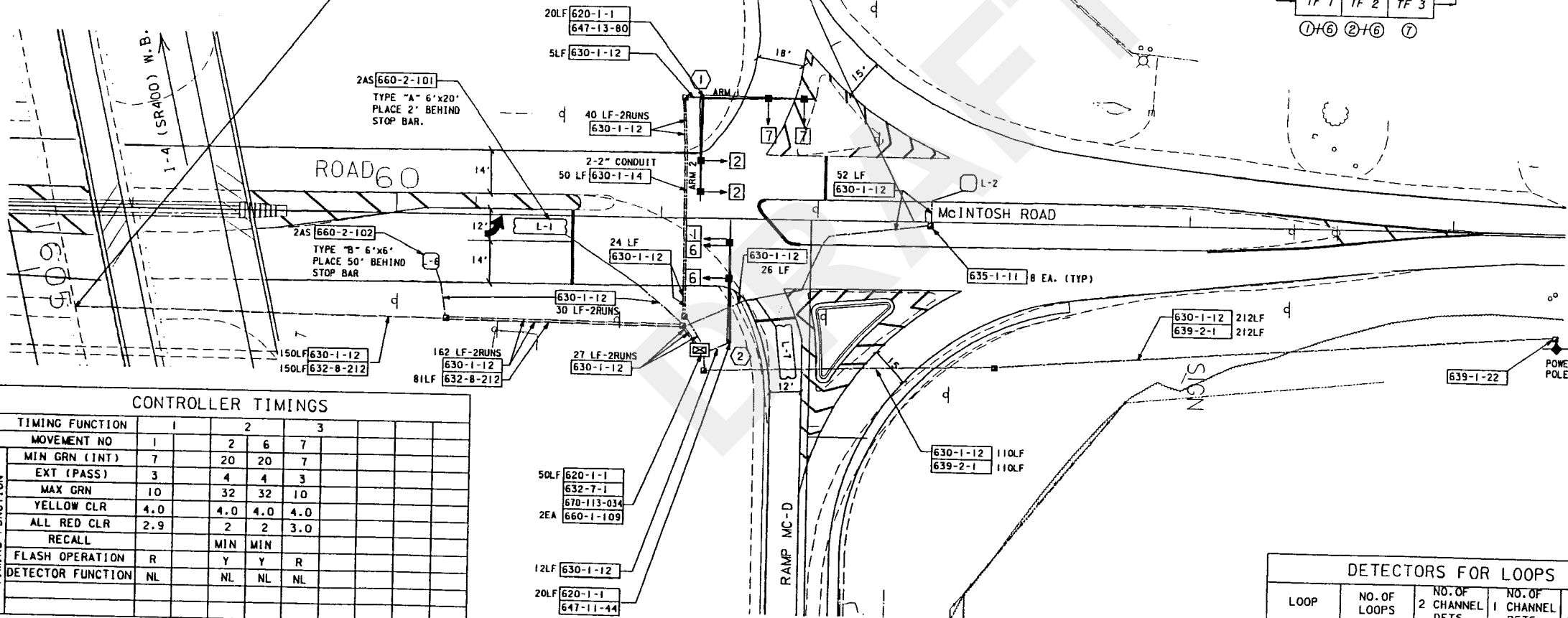
Hillsborough County As-Builts

STATE PROJ. NO.	SHEET NO.
10190-3428	T-8

POLE DATA @ MCINTOSH RD.			
NO.	ELEV	STATION	OFFSET
①	56.6	61+14	45' LT
②	56.8	61+26	45' RT
CROWN ELEV. = 56.4 (POLE 1) (ARM 1)			
CROWN ELEV. = 57.8 (POLE 1) (ARM 2)			
CROWN ELEV. = 57.9 (POLE 2)			



NOTE:
FOR CONTINUATION OF INTERCONNECT
- CONDUIT SEE SHEET T-7.



CONTROLLER TIMINGS							
TIMING FUNCTION	1	2	3				
MOVEMENT NO	1	2	6	7			
MIN GRN (INT)	7	20	20	7			
EXT (PASS)	3	4	4	3			
MAX GRN	10	32	32	10			
YELLOW CLR	4.0	4.0	4.0	4.0			
ALL RED CLR	2.9	2	2	3.0			
RECALL		MIN	MIN				
FLASH OPERATION	R	Y	Y	R			
DETECTOR FUNCTION	NL	NL	NL	NL			

CONTROLLER NOTES:

1. MAJOR STREET IS MCINTOSH ROAD PHASE 2 (MOVEMENTS 2 & 6)
MINOR STREET IS RAMP MC-D (MOVEMENT 7)
2. USE SIGNAL OPERATING PLAN No. 15 WITH THE FOLLOWING
COORDINATION ON PHASE 2 (MOVEMENTS 2 & 6)
- TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY THE
PROJECT ENGINEER. INSTALL SEQUENTIAL TIMING OF INITIAL AND EXTENSION
INTERVALS.

LOOP	NO. OF LOOPS	NO. OF 2 CHANNEL DETS.	NO. OF CHANNEL DETS.	DELAY TIME * (SECONDS)
L-1 / L-6	2	1		
L-2 / L-7	2	1		

LOCATION 5
MCINTOSH ROAD & RAMPS MC-A & MC-D

SIGNALIZATION PLANS

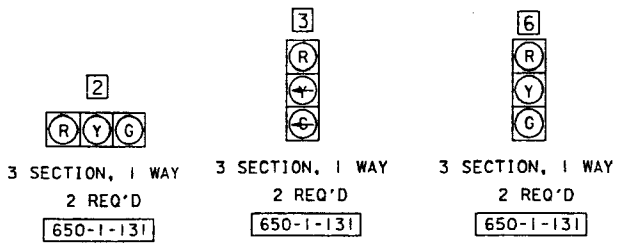
REVISIONS																	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
												J.R.	D.H.	10-94	J.R.	D.H.	10-94
												CHECKED BY	J.R.	10-94	CHECKED BY	J.R.	10-94
SUPERVISED BY : NANETTE HALL - P.E.																	

FLORIDA DEPARTMENT OF
TRANSPORTATION
APPROVED BY:

DATE :

Hillsborough County As-Builts

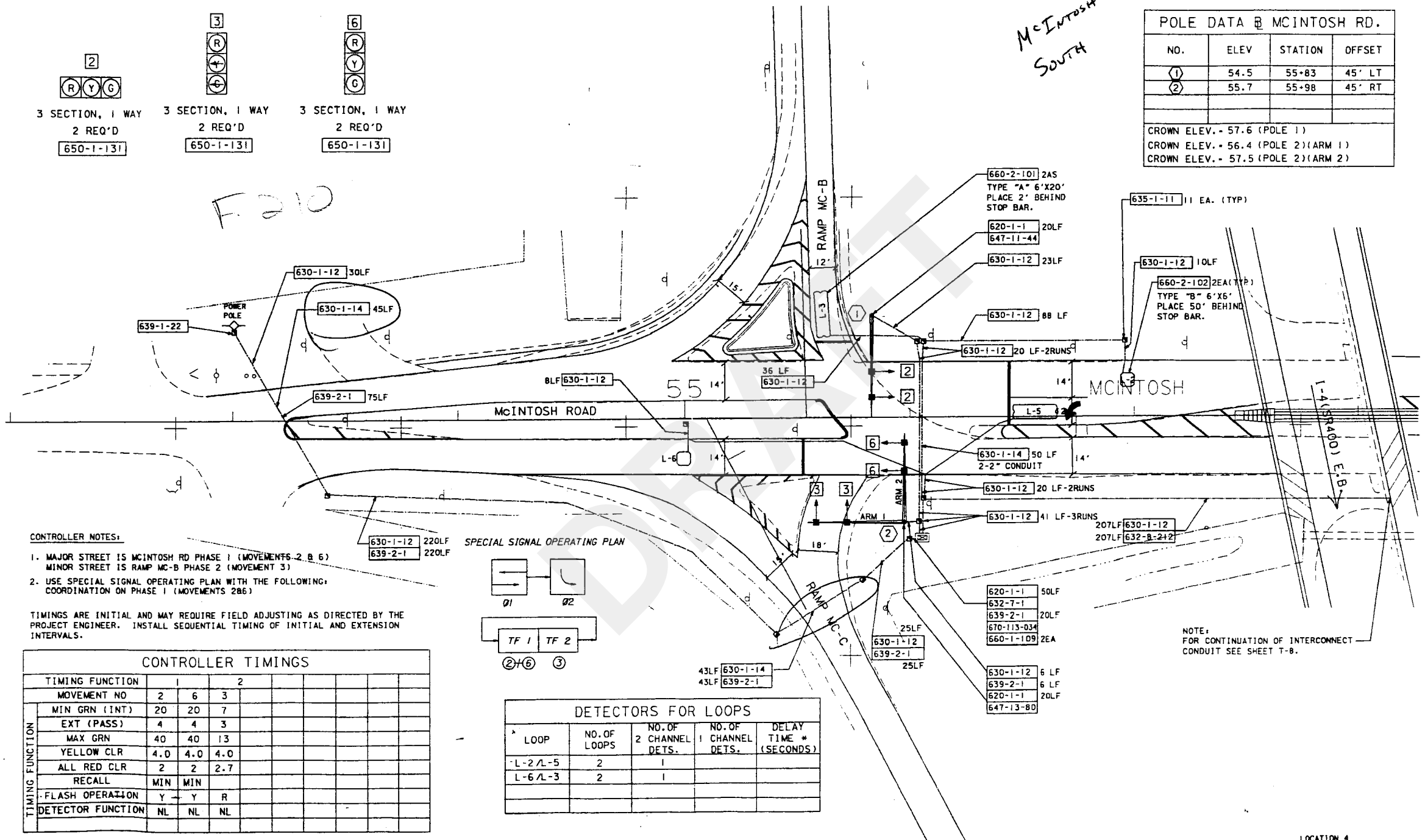
SIGNAL HEAD DETAILS



POLE DATA @ MCINTOSH RD.

NO.	ELEV	STATION	OFFSET
1	54.5	55+83	45' LT
2	55.7	55+98	45' RT

CROWN ELEV. = 57.6 (POLE 1)
CROWN ELEV. = 56.4 (POLE 2) (ARM 1)
CROWN ELEV. = 57.5 (POLE 2) (ARM 2)



- CONTROLLER NOTES:
1. MAJOR STREET IS MCINTOSH RD PHASE 1 (MOVEMENTS 2 & 6)
MINOR STREET IS RAMP MC-B PHASE 2 (MOVEMENT 3)
 2. USE SPECIAL SIGNAL OPERATING PLAN WITH THE FOLLOWING:
COORDINATION ON PHASE 1 (MOVEMENTS 2 & 6)

TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY THE PROJECT ENGINEER. INSTALL SEQUENTIAL TIMING OF INITIAL AND EXTENSION INTERVALS.

CONTROLLER TIMINGS					
TIMING FUNCTION	MOVEMENT NO				
	2	6	3		
MIN GRN (INT)	20	20	7		
EXT (PASS)	4	4	3		
MAX GRN	40	40	13		
YELLOW CLR	4.0	4.0	4.0		
ALL RED CLR	2	2	2.7		
RECALL	MIN	MIN			
FLASH OPERATION	Y	Y	R		
DETECTOR FUNCTION	NL	NL	NL		

DETECTORS FOR LOOPS				
LOOP	NO. OF LOOPS	NO. OF CHANNEL DETS.	NO. OF CHANNEL DETS.	DELAY TIME * (SECONDS)
L-2/L-5	2	1		
L-6/L-3	2	1		

NOTE:
FOR CONTINUATION OF INTERCONNECT CONDUIT SEE SHEET T-8.

FILE: c:\pdm\2392015\p1\01-004.dgn
DATE: 12-Jun-95 15:23

CONTRACT PLANS COMPONENTS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

FINANCIAL PROJECT ID 447157-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10900031 & 10000622)
MCINTOSH ROAD
ADD LANES AND RECONSTRUCT
FROM S. OF US 92 TO N. OF DICKEY ROAD

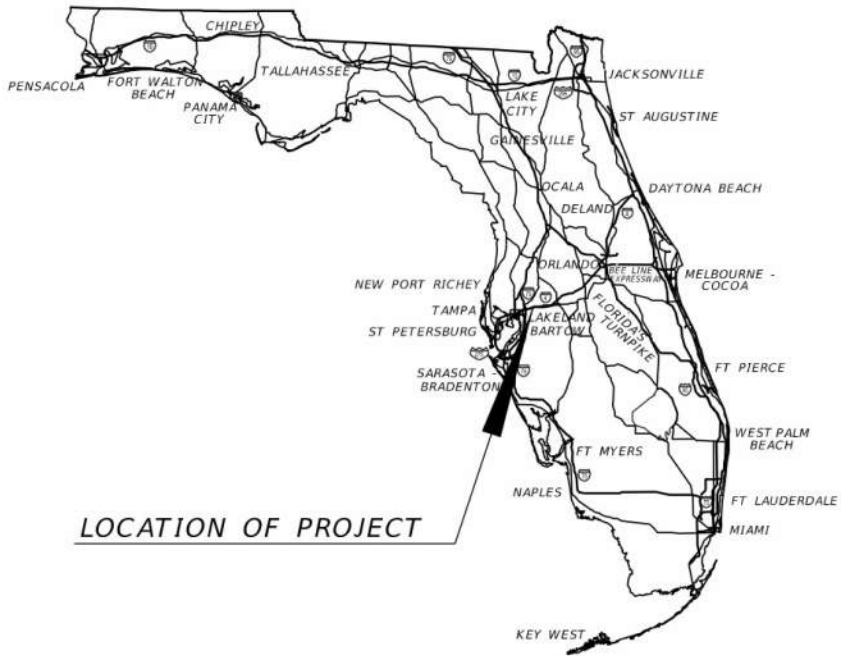
A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO. SHEET DESCRIPTION

PROJECT LOCATION URL: <https://tinyurl.com/34tuk4p2>
PROJECT LIMITS: BEGIN MP 0.204 - END MP 0.443 (#10900031)
BEGIN MP 0.000 - END MP 0.795 (#10000622)
EXCEPTIONS: NONE
BRIDGE LIMITS: NONE
RAILROAD CROSSING: NONE

TECO Plan Markups



ROADWAY PLANS
ENGINEER OF RECORD:

REJA E. RABBI, P.E.
P.E. LICENSE NUMBER 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607
813-281-2900
CONTRACT NO.: CAE10
VENDOR NO.: 04-247365

FDOT PROJECT MANAGER:

CRAIG FOX, P.E.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: IR - -

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	27	1

1/22/2024 7:58:16 AM CLARKRT
c:\cdm\ext\clarkrt\0745606\PLAN\WD2.dgn

DRAFT

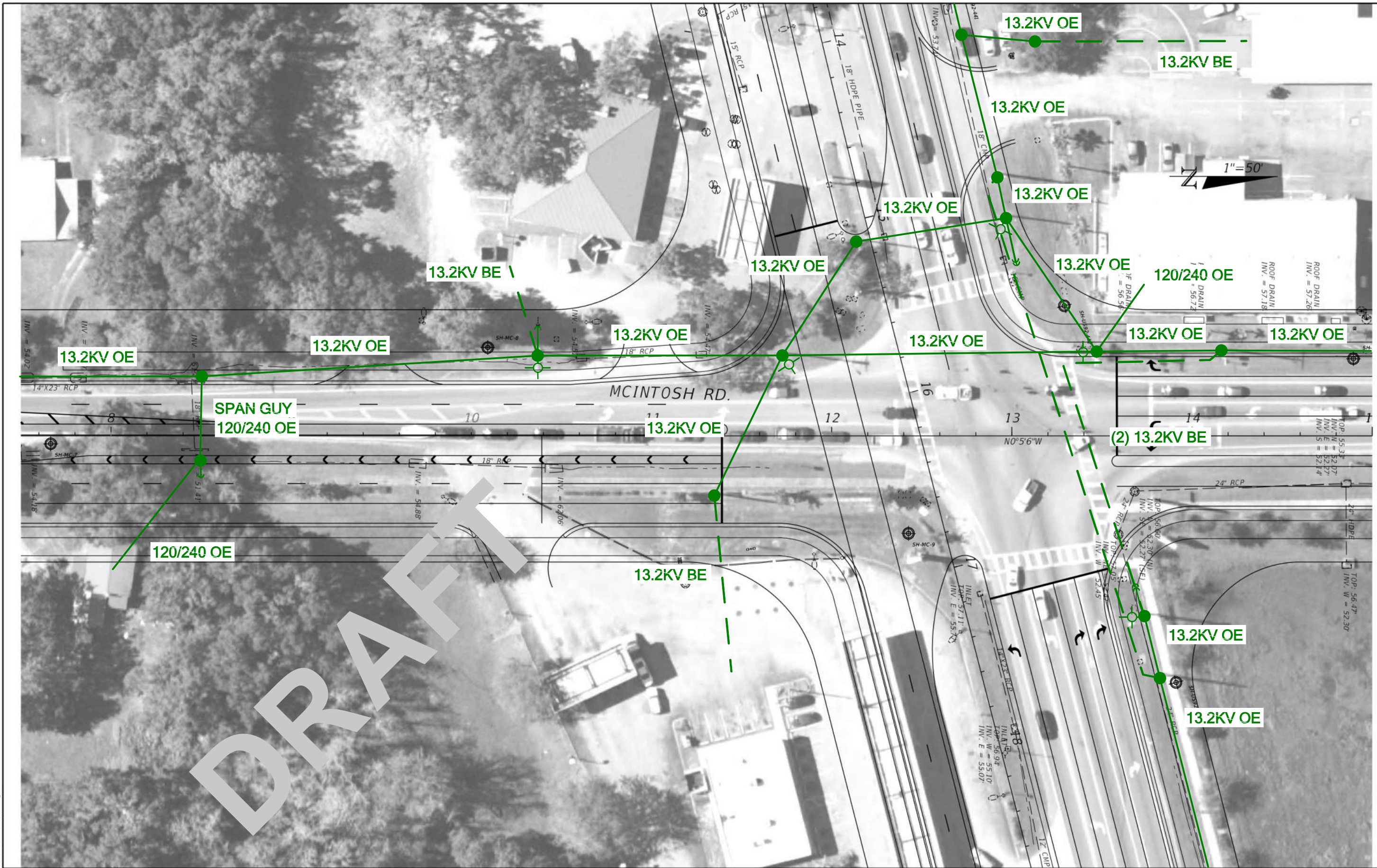


REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

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

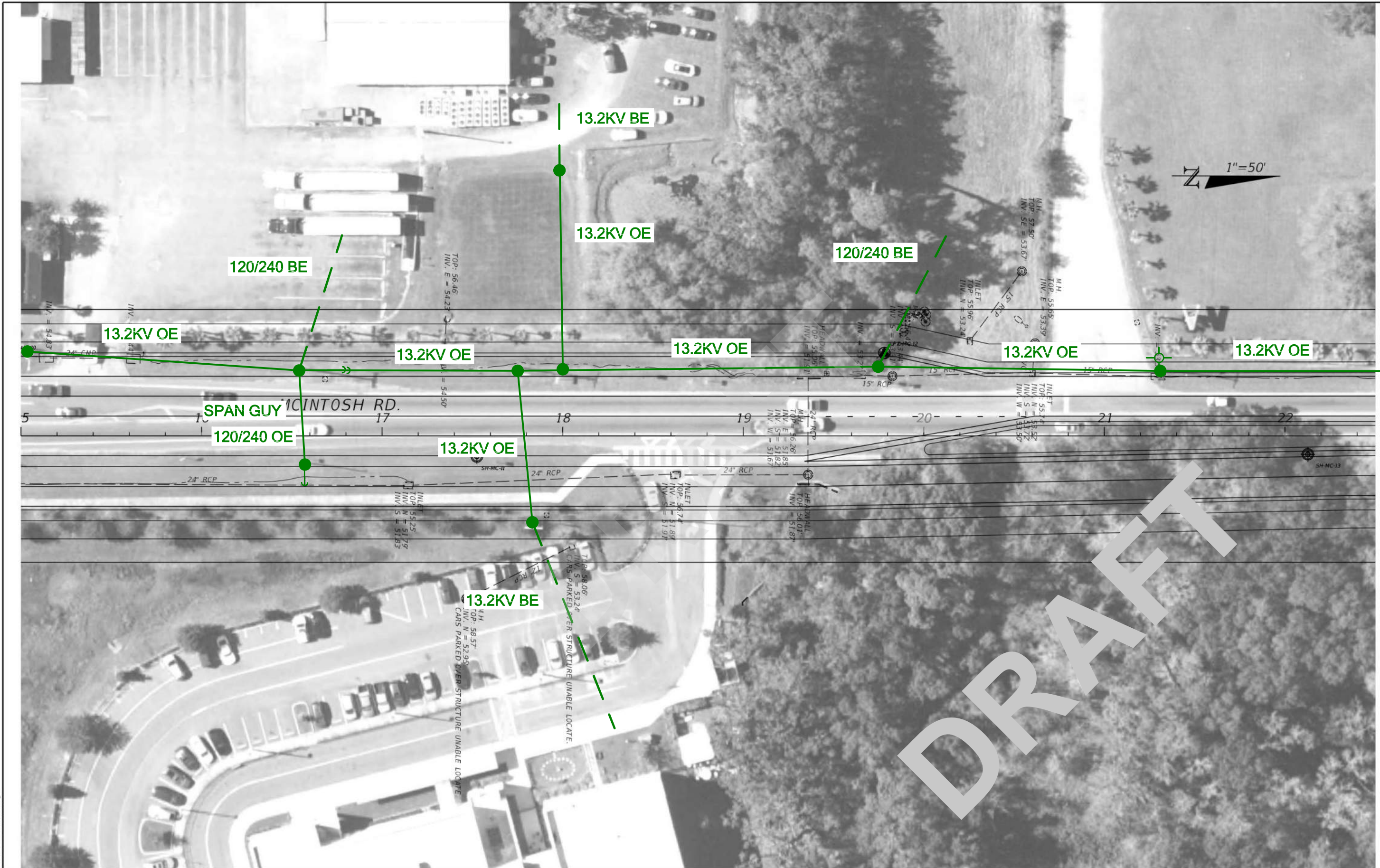
1/22/2024 7:58:21 AM CLARKRT
c:\dms\clarkrt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION						
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:58:24 AM CLARK RT
c:\cdm\ext\clark\rt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		McIntosh Plan-2
					ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:58:28 AM CLARKRT
c:\cdm\ext\clarkrt\0745606\PLAN\WD2.dgn

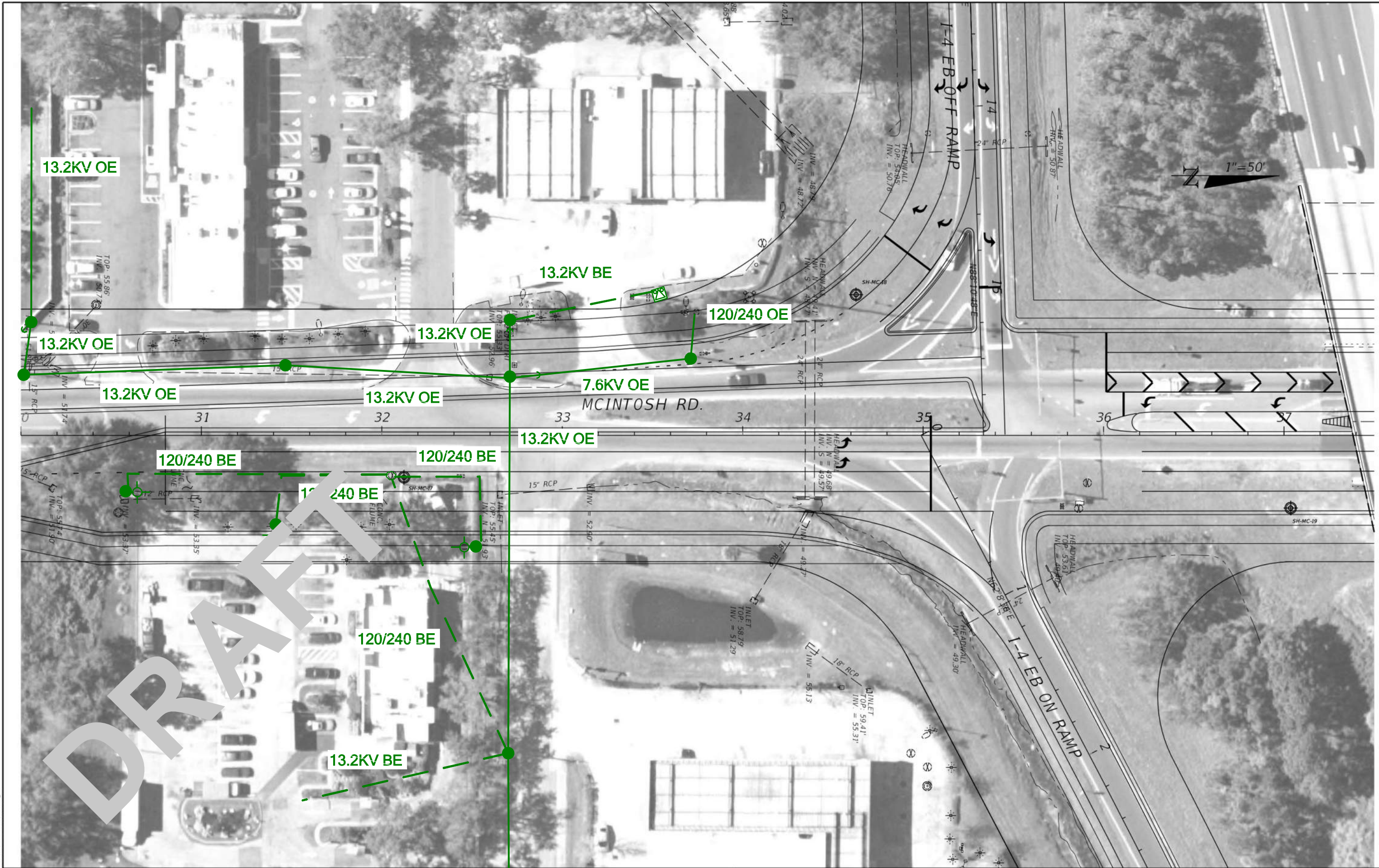


REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

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

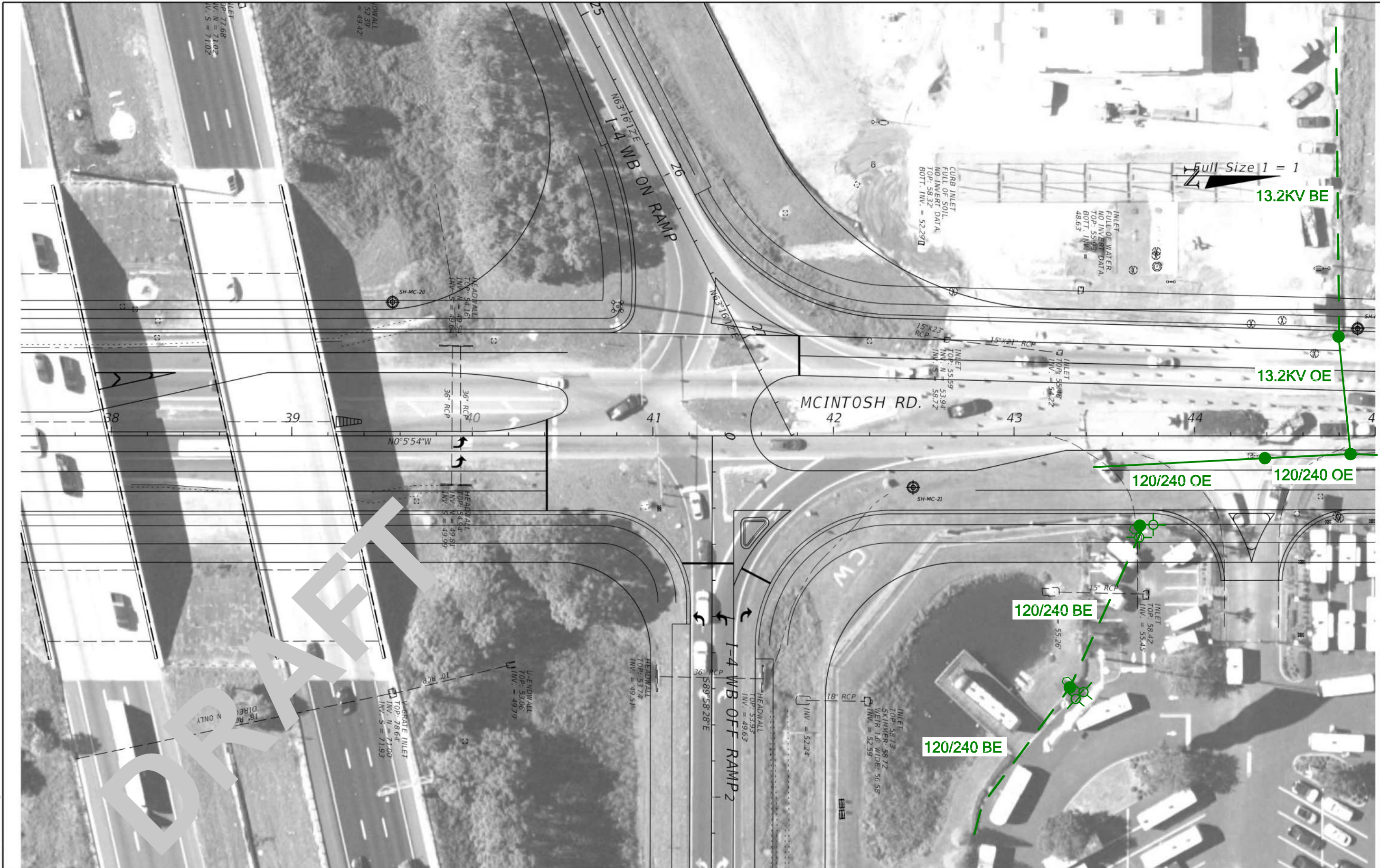
1/22/2024 7:58:33 AM CLARKRT
c:\cdm\ext\clarkrt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-4
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

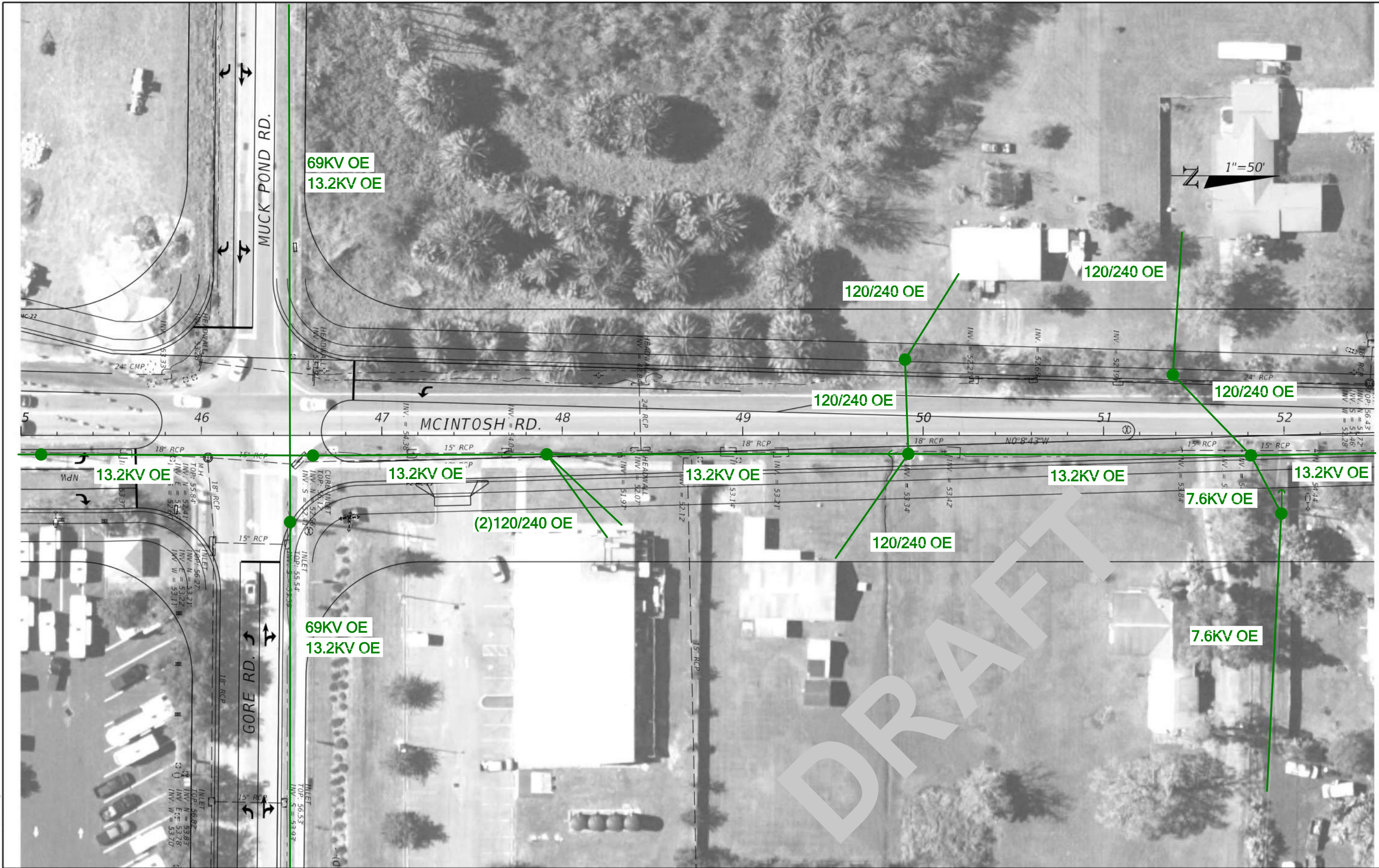
1/22/2024 7:58:37 AM CLARKRT
c:\cdm\ext\clarkrt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-5
DATE	DESCRIPTION	DATE	DESCRIPTION							
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:58:41 AM CLARKRT
c:\cdm\ext\clarkrt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

1/22/2024 7:58:46 AM CLARKRT
c:\cdm\ext\clarkrt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		McIntosh Plan-7
					ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:04 AM CLARKRT
c:\dms\clarkrt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp A Plan-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

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

1/22/2024 7:59:08 AM CLARKRT
c:\cdm\clarkrt\0745606\PLANWD2.dgn



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

ENGINEER OF RECORD
REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ROAD #	HILLSBOROUGH	447157-1-52-01

ROADWAY PLAN	

SHEET NO.
Ramp A Plan-4

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



1/22/2024 7:59:13 AM CLARKRT
c:\dms\clarkrt\0745606\PLAN\WD2.dgn

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp A Plan-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

1/22/2024 7:59:17 AM CLARKRT
c:\dms\clarkrt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp B Plan
					ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:20 AM CLARKRT
c:\dms\clarkrt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp B Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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



1/22/2024 7:59:25 AM CLARKRT
c:\dms\clarkrt\45606\PLAN\002.dgn

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

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

DRAFT

INLET
TOP: 69.59'
INV. N = 62.65'
INV. S = 62.79'
18" BCP
DIRECTION ONLY

1"=50'

NO TECO FACILITIES

10 11
I-4 EB ON RAMP

1/22/2024 7:59:29 AM CLARKRT
c:\dme\clarkrt\0745606\PLAN\WD2.dgn

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

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

1/22/2024 7:59:33 AM CLARK RT
c:\dme\clark\rt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp C Plan-2
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

1/22/2024 7:59:37 AM CLARK RT
c:\dms\clark\rd\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

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



1/22/2024 7:59:41 AM CLARKRT
c:\dms\clarkrt\45606\PLAN\WD2.dgn

REVISIONS	
DATE	DESCRIPTION

ENGINEER OF RECORD
REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ROAD #	HILLSBOROUGH	447157-1-52-01

ROADWAY PLAN	

SHEET NO.
Ramp C Plan-4

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

1/22/2024 7:59:44 AM CLARKRT
c:\dms\clarkrt\0745606\PLAN\WD2.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

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

CONTRACT PLANS COMPONENTS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

FINANCIAL PROJECT ID 447157-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10900031 & 10000622)
MCINTOSH ROAD
ADD LANES AND RECONSTRUCT
FROM S. OF US 92 TO N. OF DICKEY ROAD

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

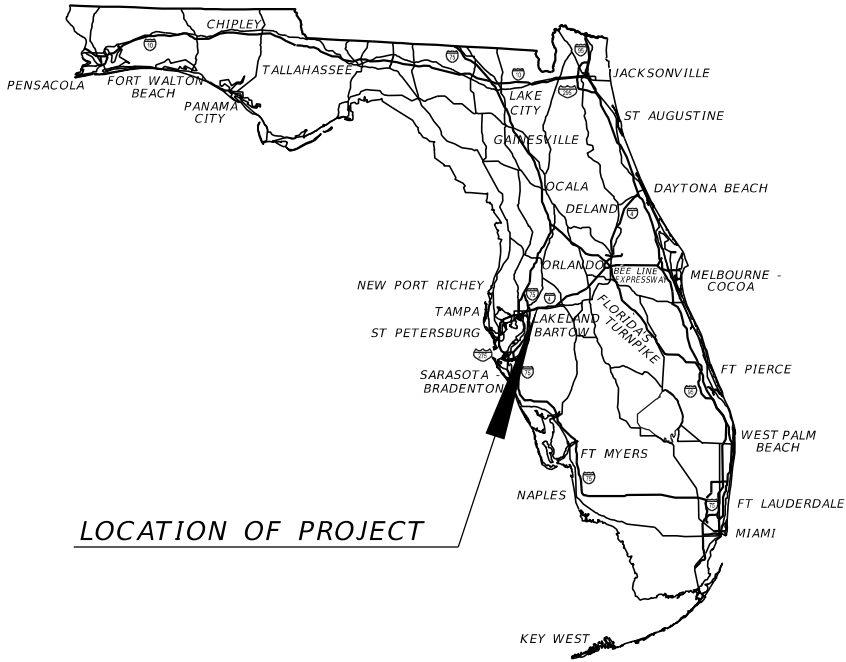
INDEX OF ROADWAY PLANS

SHEET NO. SHEET DESCRIPTION



UNITI FIBER/SOUTHERN LIGHT CONDUIT &
BFOC RGB MARKUP 1/23/24
CONSTRUCTION MANAGER: TERRY YOUNG
PHONE: 251-422-3872
EMAIL: terry.young@uniti.com
OSP ENGINEER: JOHN MIDDLETON
PHONE: 727-281-0198
EMAIL: john.middleton@uniti.com

PROJECT LOCATION URL: <https://tinyurl.com/34tuk4p2>
PROJECT LIMITS: BEGIN MP 0.204 – END MP 0.443 (#10900031)
BEGIN MP 0.000 – END MP 0.795 (#10000622)
EXCEPTIONS: NONE
BRIDGE LIMITS: NONE
RAILROAD CROSSING: NONE



LOCATION OF PROJECT

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).
Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>
APPLICABLE IRs: IR - -
Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, FY2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS
ENGINEER OF RECORD:

REJA E. RABBI, P.E.
P.E. LICENSE NUMBER 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607
813-281-2900
CONTRACT NO.: CAE10
VENDOR NO.: 04-247365

FDOT PROJECT MANAGER:

CRAIG FOX, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	27	1

1/22/2024 7:58:16 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:58:21 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION		DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		McIntosh Plan-1
					ROAD #	HILLSBOROUGH	447157-1-52-01		
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607					

1/22/2024 7:58:24 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-2
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

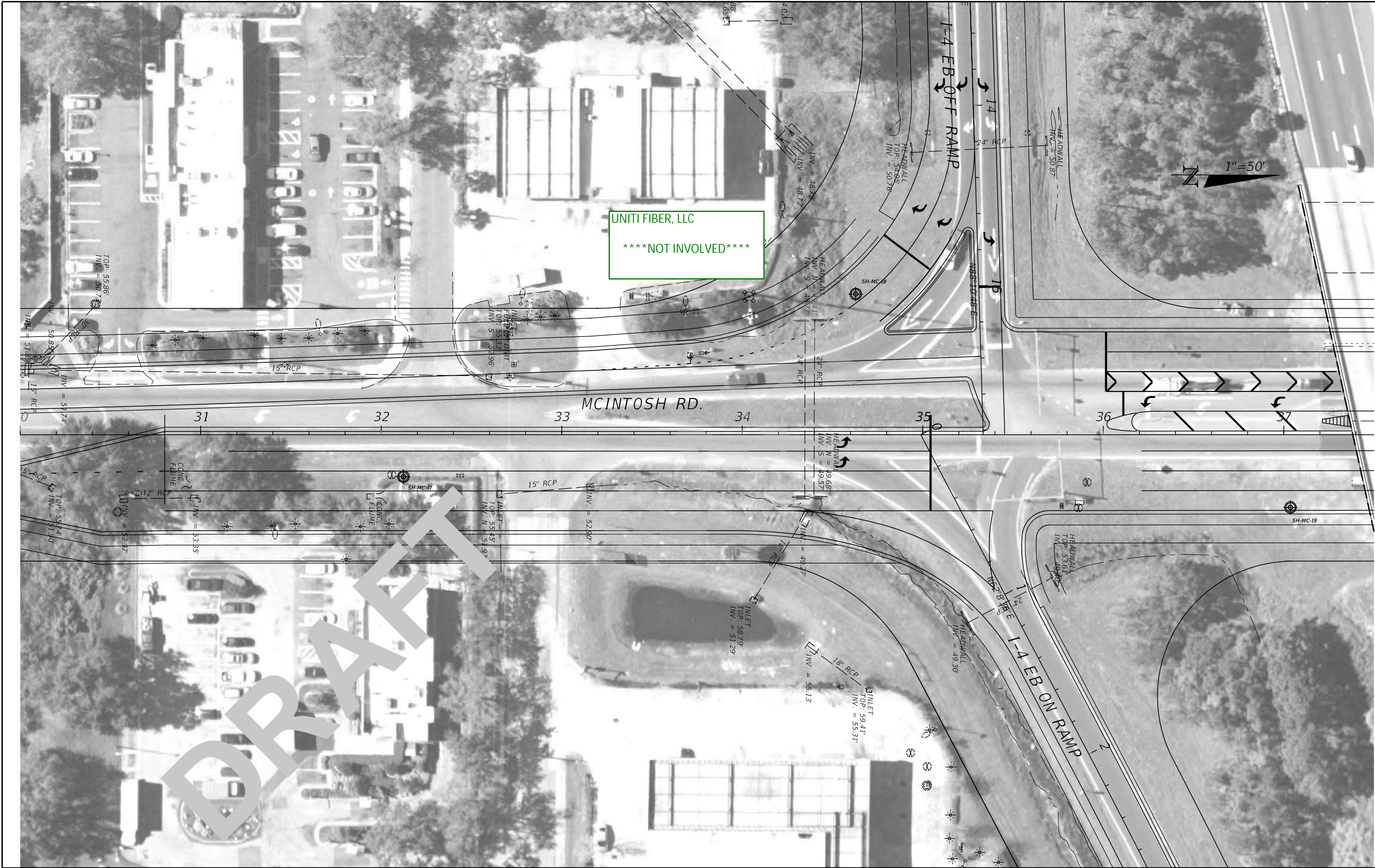
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

1/22/2024 7:58:28 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-3
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-4
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

1/22/2024 7:58:41 AM CLARKRT
c:\cdmext\clarkr\0745606\PLANUW02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY		
							HILLSBOROUGH	FINANCIAL PROJECT ID 447157-1-52-01	

McIntosh
Plan-6

1/22/2024 7:58:46 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-7
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:04 AM CLARKRT
c:\cdmext\clarkr\10745606\PLAN\U02.dgn



UNITI FIBER, LLC
****NOT INVOLVED****

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp A Plan-3
					ROAD #	HILLSBOROUGH	447157-1-52-01		



1/22/2024 7:59:08 AM CLARKRT
c:\cdm\ext\clarkr\1\00745606\PLAN\U02.dgn

REVISIONS	
DATE	DESCRIPTION

ENGINEER OF RECORD
REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ROAD #	HILLSBOROUGH	447157-1-52-01

ROADWAY PLAN	
Ramp A Plan-4	

SHEET NO.

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

1/22/2024 7:59:13 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp A Plan-5
					ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:17 AM CLARK RT
c:\cdm\ext\clark\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp B Plan
					ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:20 AM CLARK RT
C:\cdmext\clarkr\1\00745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp B Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:25 AM CLARKRT
c:\cdmex\clarkr\1\00745606\PLAN\1\02.dgn

SEE MCINTOSH RD. PLAN 4



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:29 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

1/22/2024 7:59:33 AM CLARKRT
c:\cdmext\clarkr\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ROAD #	HILLSBOROUGH	447157-1-52-01	

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

1/22/2024 7:59:37 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD #	HILLSBOROUGH	447157-1-52-01		Ramp C Plan-3

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



UNITI FIBER, LLC
*****NOT INVOLVED*****



DRAFT

1/22/2024 7:59:41 AM CLARKRT
c:\cdm\ext\clarkr\1\40745606\PLAN\UW02.dgn

REVISIONS	
DATE	DESCRIPTION

ENGINEER OF RECORD
REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ROAD #	HILLSBOROUGH	447157-1-52-01

ROADWAY PLAN	
Ramp C Plan-4	

SHEET NO.

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

1/22/2024 7:59:44 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.	
DATE	DESCRIPTION		DATE	DESCRIPTION		ROAD NO.	COUNTY		FINANCIAL PROJECT ID	Ramp Plan-5
						ROAD #	HILLSBOROUGH		447157-1-52-01	
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607						

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

CONTRACT PLANS COMPONENTS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROADWAY PLANS

FINANCIAL PROJECT ID 447157-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10900031 & 10000622)
MCINTOSH ROAD
ADD LANES AND RECONSTRUCT
FROM S. OF US 92 TO N. OF DICKEY ROAD

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO. SHEET DESCRIPTION

verizon

7701 E Telecom Pkwy
Temple Terrace, FL 33637
MCI/VERIZON WIRELESS
RGB BY MICHAEL KROL
DATE: 01.26.2024
michael.krol@verizon.com
CELL: 813-410-4803



GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

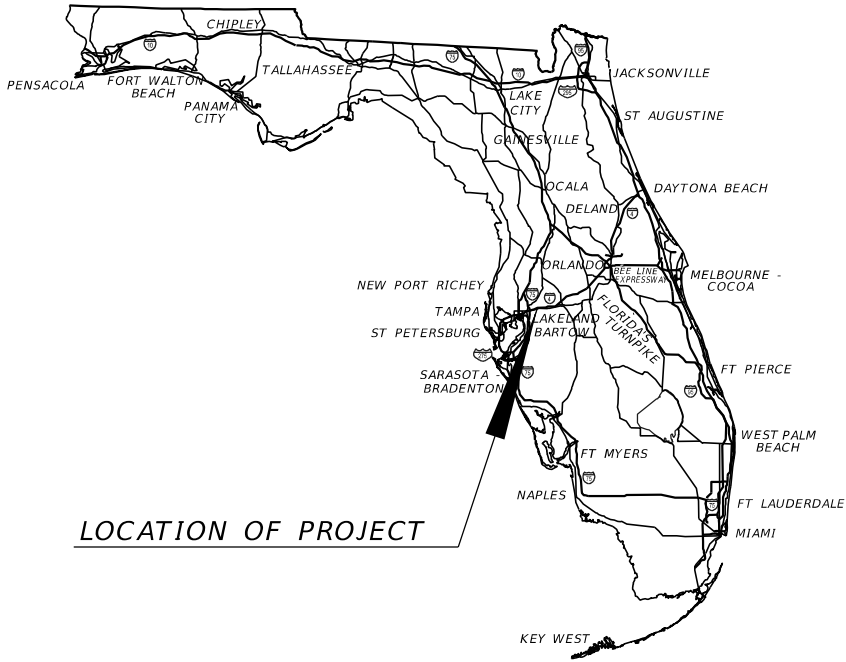
Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: IR - -

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, FY2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

PROJECT LOCATION URL: <https://tinyurl.com/34tuk4p2>
PROJECT LIMITS: BEGIN MP 0.204 – END MP 0.443 (#10900031)
BEGIN MP 0.000 – END MP 0.795 (#10000622)
EXCEPTIONS: NONE
BRIDGE LIMITS: NONE
RAILROAD CROSSING: NONE



LOCATION OF PROJECT

ROADWAY PLANS
ENGINEER OF RECORD:

REJA E. RABBI, P.E.
P.E. LICENSE NUMBER 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607
813-281-2900
CONTRACT NO.: CAE10
VENDOR NO.: 04-247365

FDOT PROJECT MANAGER:

CRAIG FOX, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	27	1

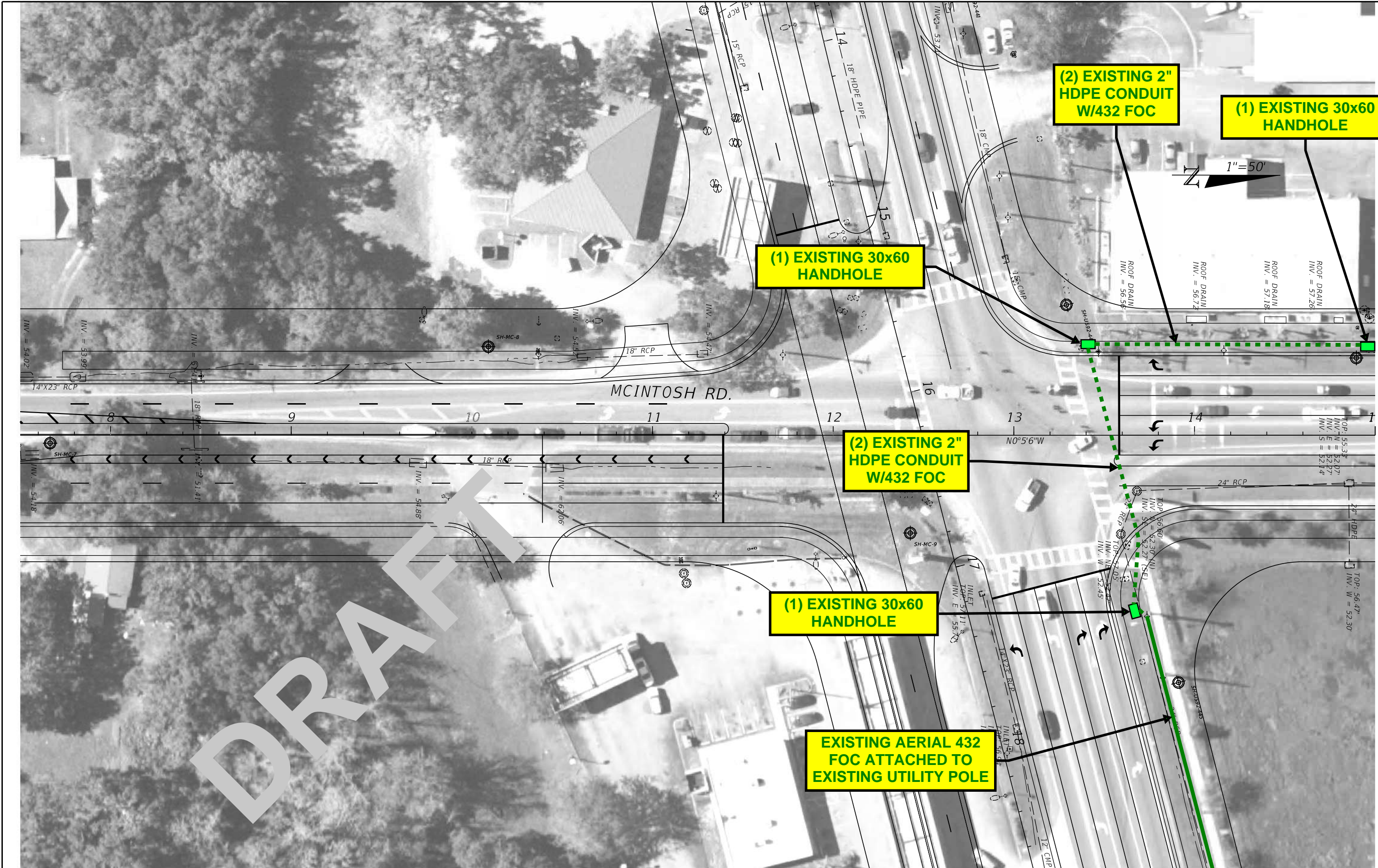
1/22/2024 7:58:16 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

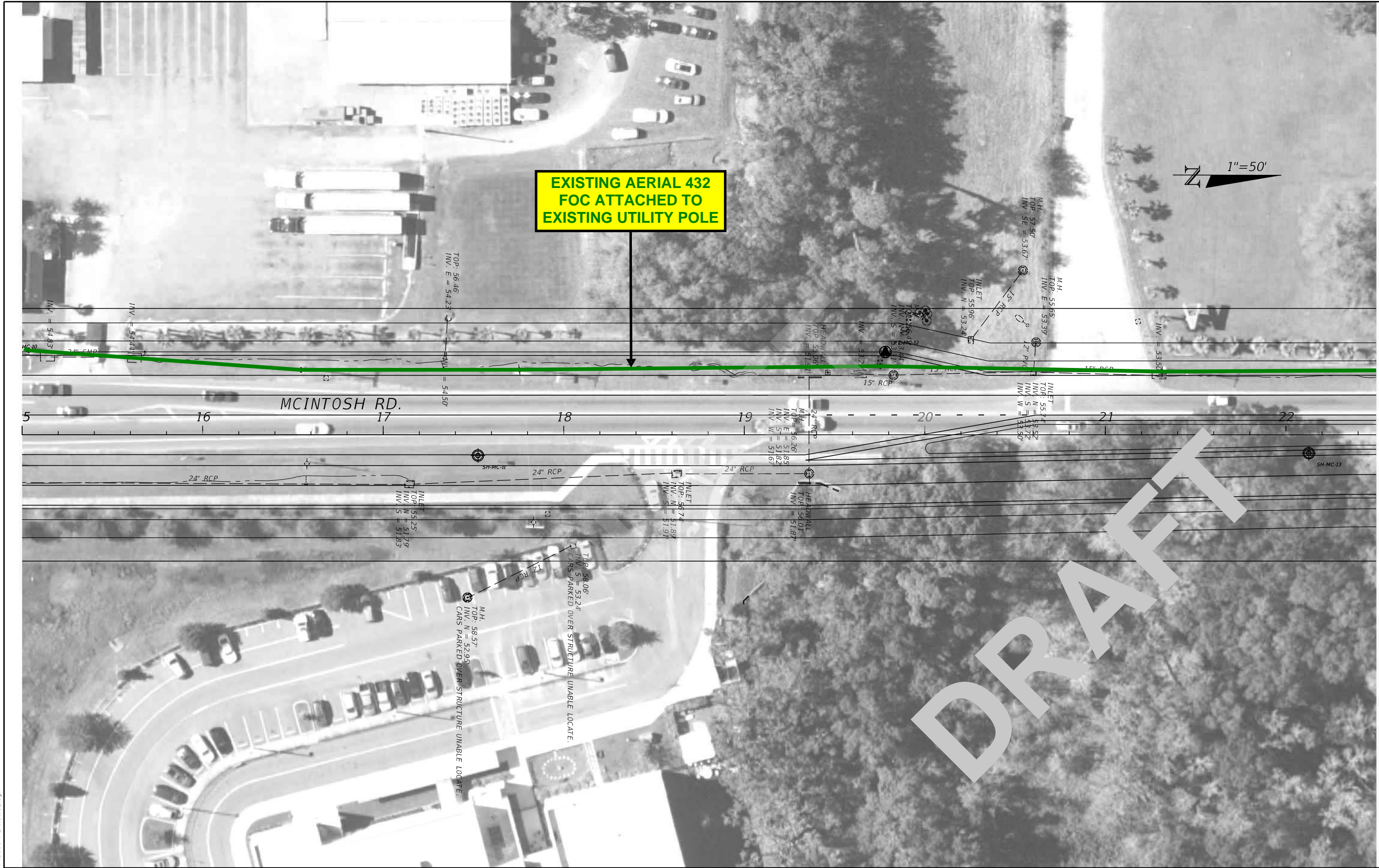
1/22/2024 7:58:21 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION						
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:58:24 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-2
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

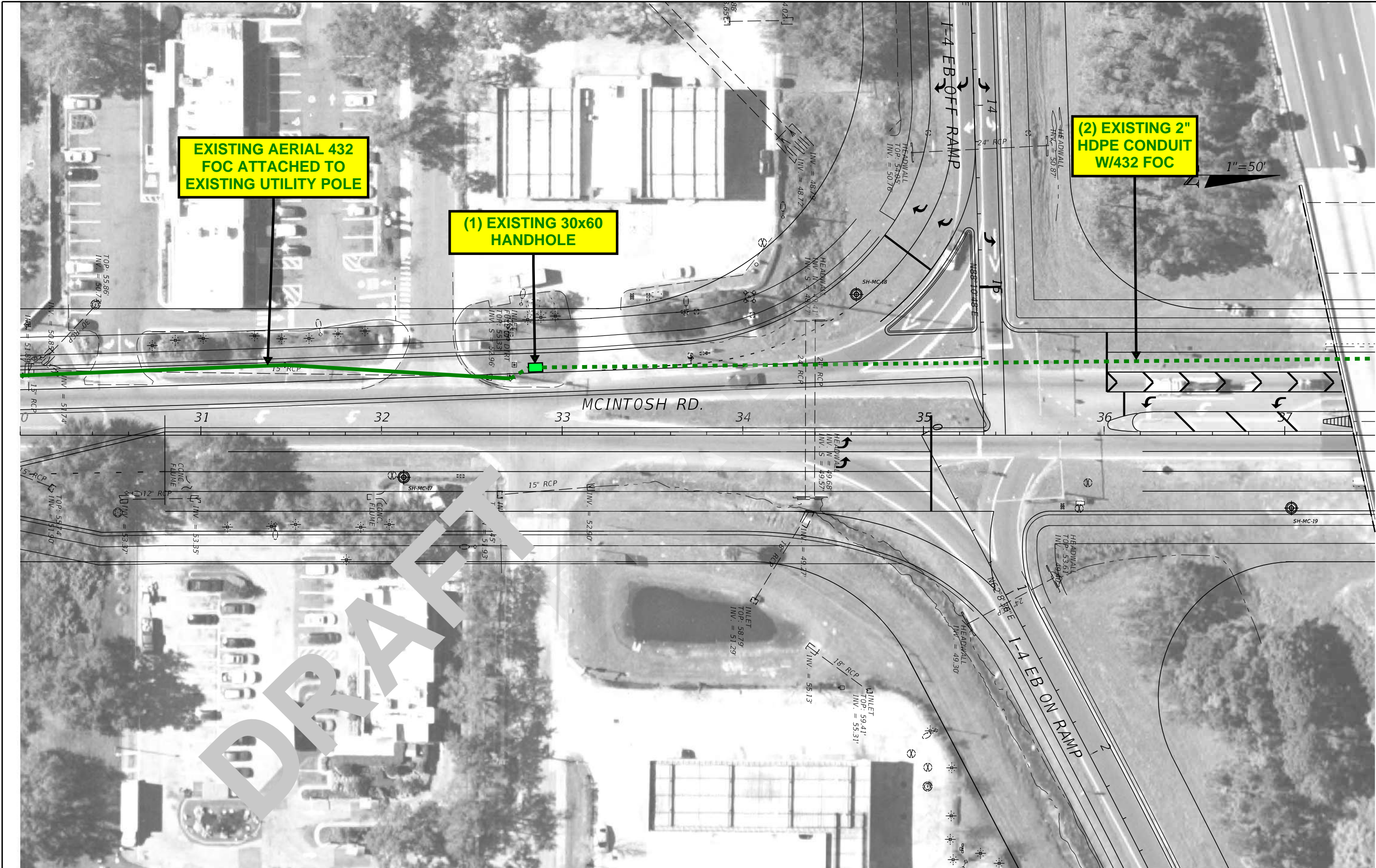
1/22/2024 7:58:28 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-3
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:58:33 AM CLARKRT
c:\cdmext\clarkr\0745606\PLAN\U02.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD	
REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	

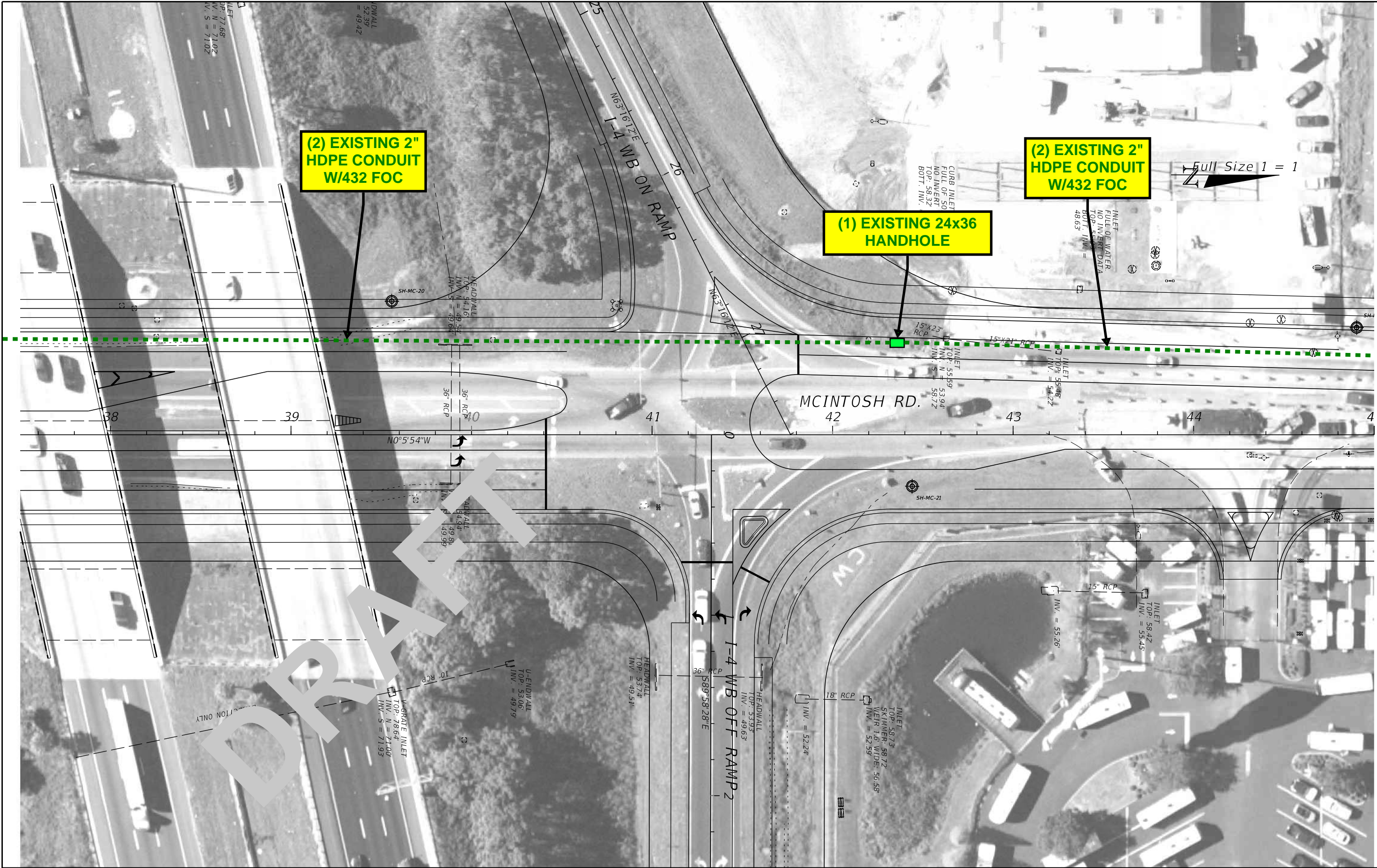
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ROAD #	HILLSBOROUGH	447157-1-52-01

ROADWAY PLAN	

SHEET NO.
McIntosh Plan-4

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

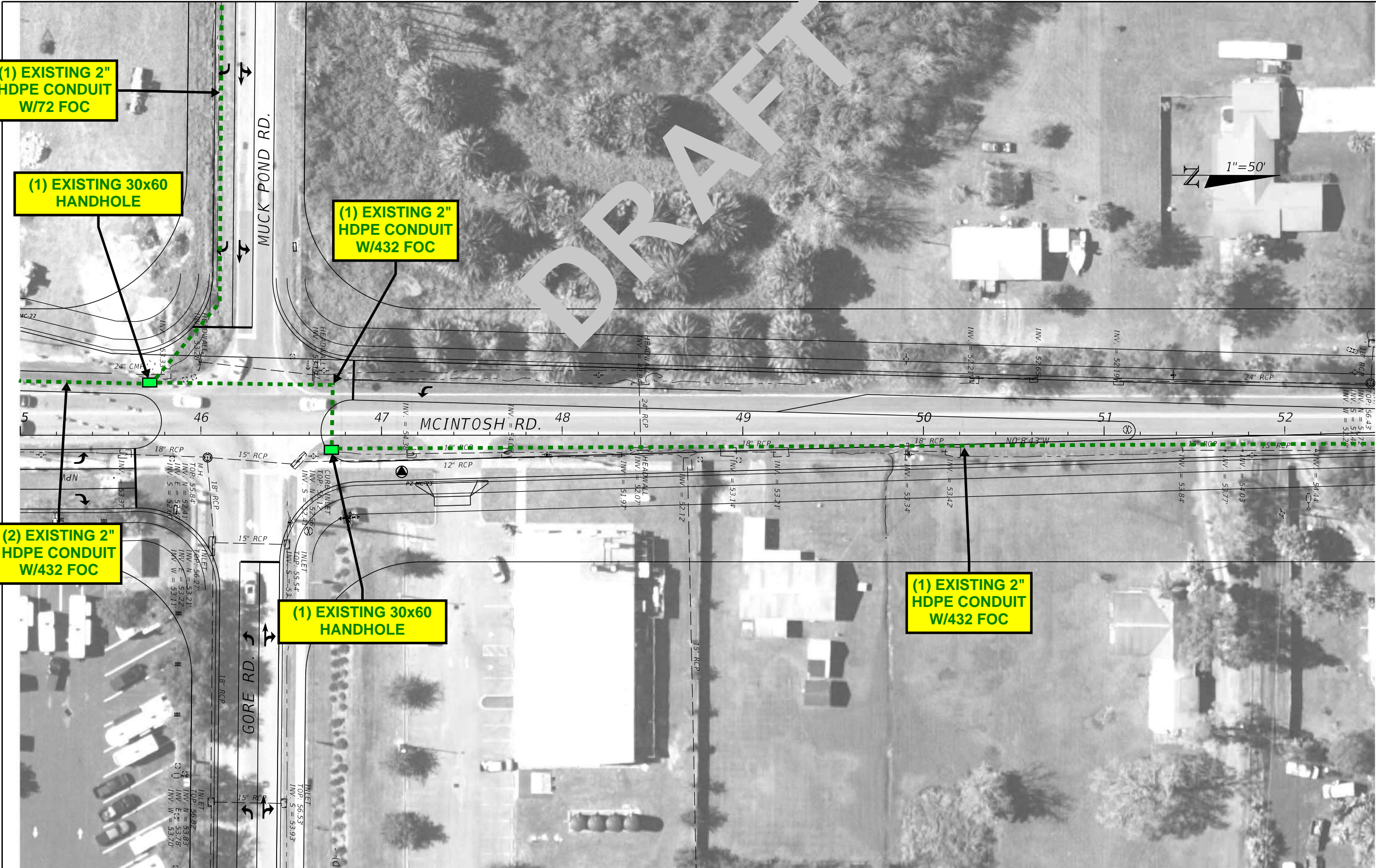
1/22/2024 7:58:37 AM CLARKRT
c:\cdm\ext\clarkr\1\00745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-5
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:58:41 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY		
							HILLSBOROUGH	FINANCIAL PROJECT ID 447157-1-52-01	

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

1/22/2024 7:58:46 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-7
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:08 AM CLARKRT
c:\cdm\ext\clarkr\1\00745606\PLAN\U02.dgn



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp A Plan-4
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:13 AM CLARKRT
c:\cdmext\clarkr\100745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp A Plan-5
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:17 AM CLARKRT
c:\cdmext\clarkr\100745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp B Plan
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		

REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

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

1/22/2024 7:59:20 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:25 AM CLARKRT
c:\cdmext\clarkr\1\00745606\PLAN\102.dgn

SEE MCINTOSH RD. PLAN 4

NO MCI FACILITIES IN THE AREA

I-4 EB

I-4 EB ON RAMP

36' RCP

HEADWALL
TOP = 58.16'
INV. = 53.98'

1"=50'

INLET
TOP = 72.05'
INV. = 68.61'

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:29 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		
										Ramp C Plan-1

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

1/22/2024 7:59:33 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-2
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:37 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-3
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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



1/22/2024 7:59:41 AM CLARKRT
c:\cdm\ext\clarkr\1\40745606\PLAN\I4WB02.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ROAD #	HILLSBOROUGH	447157-1-52-01

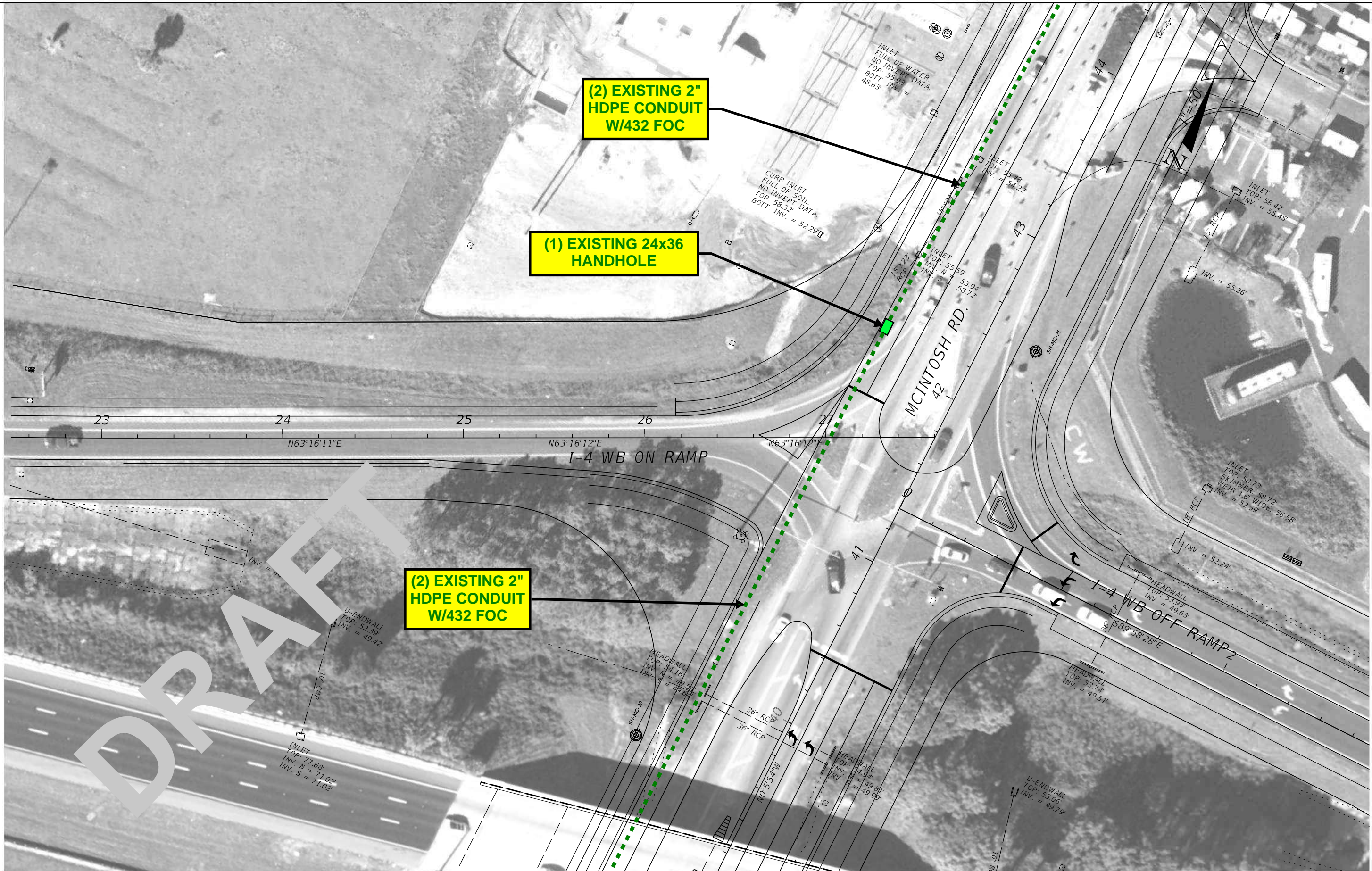
ROADWAY PLAN

Ramp C
Plan-4

SHEET NO.

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

1/22/2024 7:59:44 AM CLARKRT
c:\cdmext\clarkr\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp C Plan-5
					ROAD #	HILLSBOROUGH	447157-1-52-01		

CONTRACT PLANS COMPONENTS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

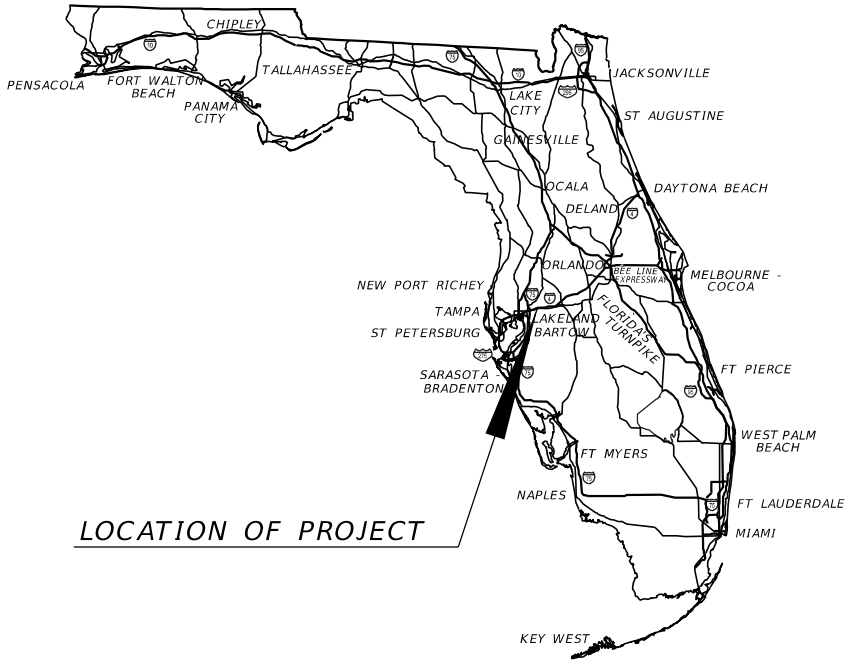
FINANCIAL PROJECT ID 447157-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10900031 & 10000622)
MCINTOSH ROAD
ADD LANES AND RECONSTRUCT
FROM S. OF US 92 TO N. OF DICKEY ROAD

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO. SHEET DESCRIPTION

PROJECT LOCATION URL: <https://tinyurl.com/34tuk4p2>
PROJECT LIMITS: BEGIN MP 0.204 – END MP 0.443 (#10900031)
BEGIN MP 0.000 – END MP 0.795 (#10000622)
EXCEPTIONS: NONE
BRIDGE LIMITS: NONE
RAILROAD CROSSING: NONE



LOCATION OF PROJECT

ZAYO Group LLC GL Revised Design 02.01.2024
ZAYO FACILITY LOCATIONS
BASED ON AS-BUILTS

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: IR - -

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, FY2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS
ENGINEER OF RECORD:

REJA E. RABBI, P.E.
P.E. LICENSE NUMBER 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607
813-281-2900
CONTRACT NO.: CAE10
VENDOR NO.: 04-247365

FDOT PROJECT MANAGER:

CRAIG FOX, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	27	1

NO ZAYO FACILITIES ON THIS SHEET

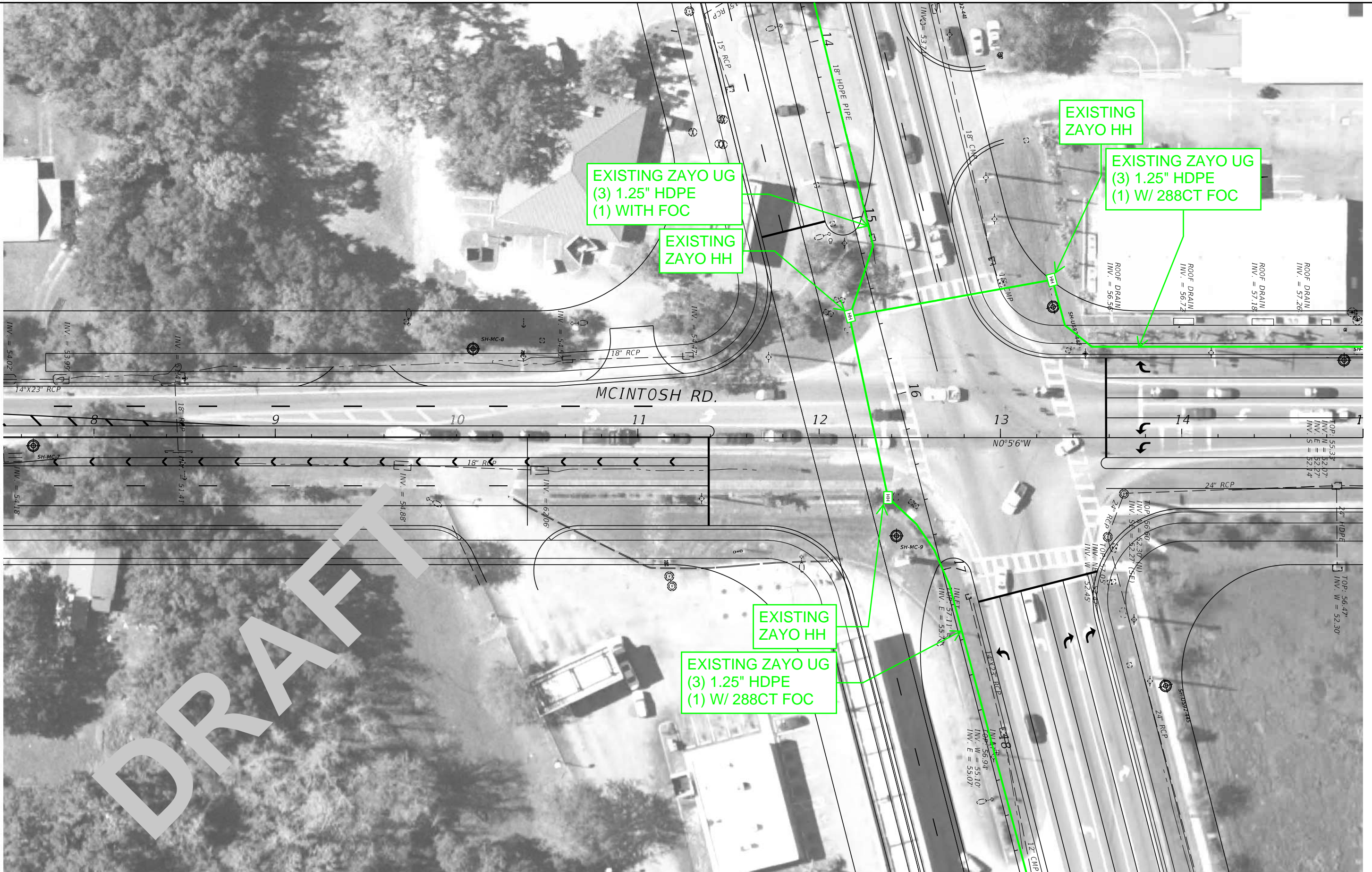


1/22/2024 7:58:16 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

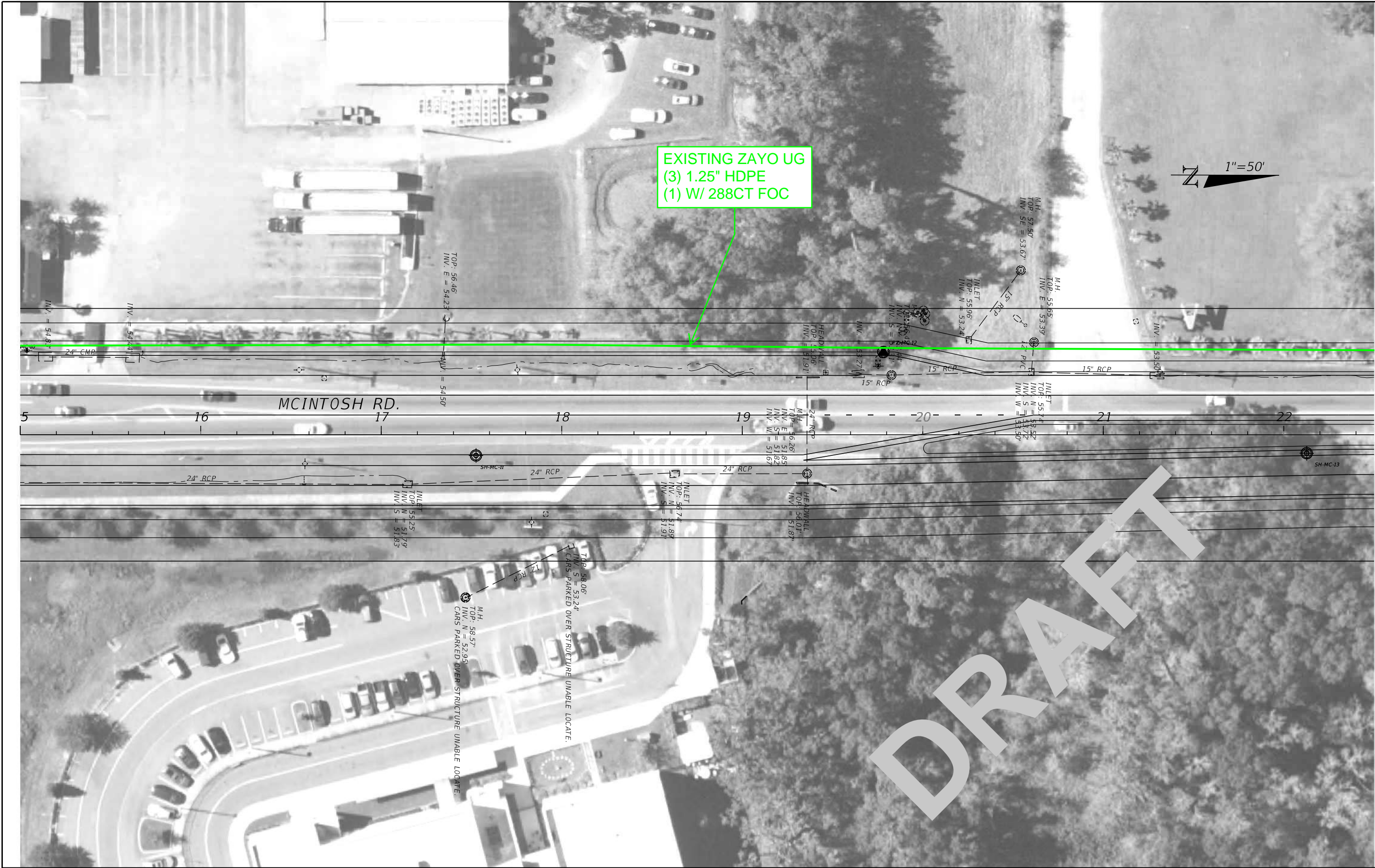
1/22/2024 7:58:21 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ROAD #	HILLSBOROUGH	447157-1-52-01		McIntosh Plan-1

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

1/22/2024 7:58:24 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-2
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

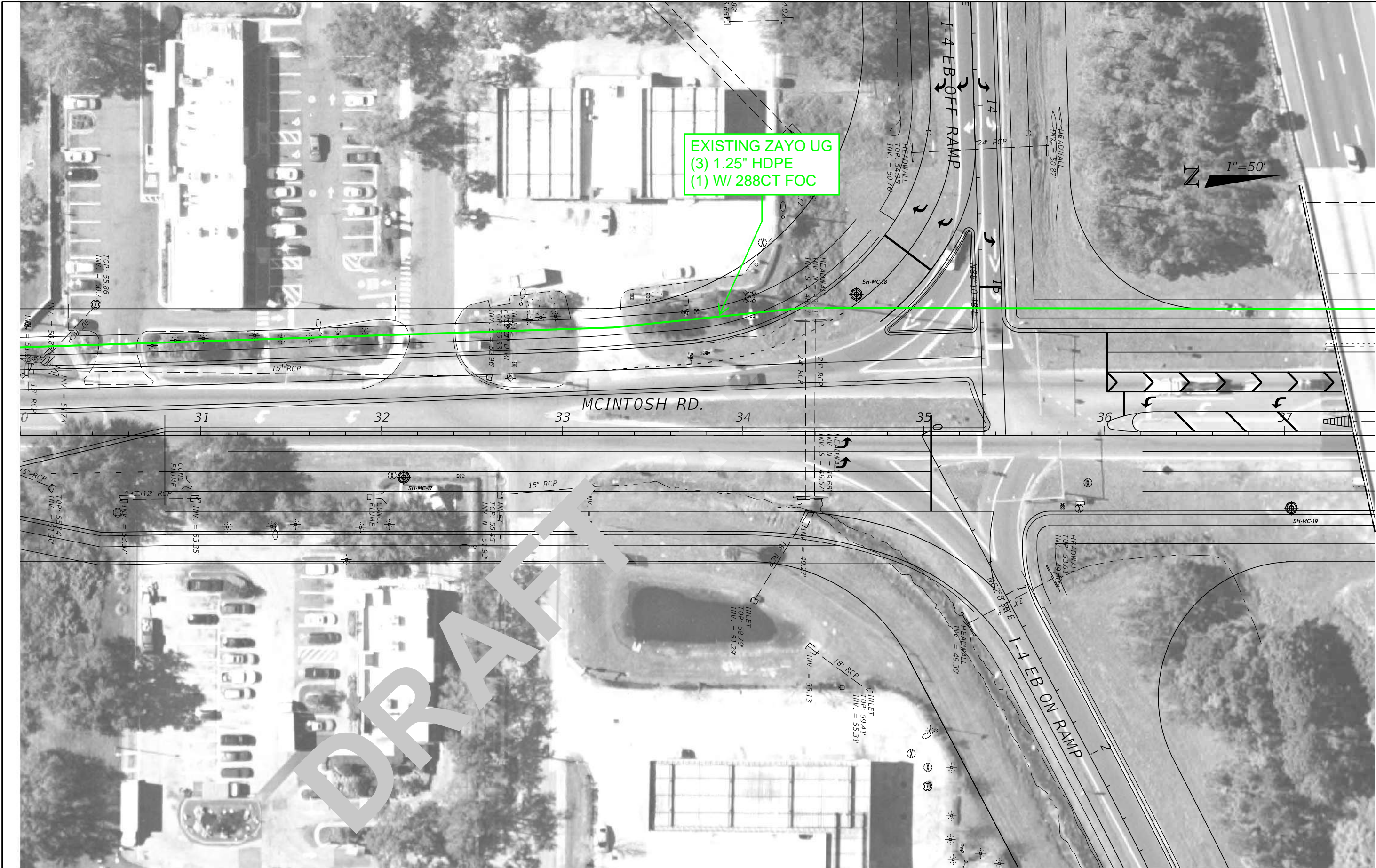
1/22/2024 7:58:28 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\W02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:58:33 AM CLARKRT
c:\cdmext\clarkr\140745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-4
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

EXISTING ZAYO UG
(3) 1.25" HDPE
(1) W/ 288CT FOC

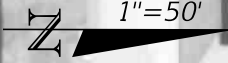
EXISTING
ZAYO HH

EXISTING
ZAYO HH

EXISTING ZAYO UG
(3) 1.25" HDPE
(1) WITH FOC

EXISTING
ZAYO HH

EXISTING ZAYO UG
(3) 1.25" HDPE
(1) WITH FOC



DRAFT

1/22/2024 7:58:41 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD	
REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	447157-1-52-01

ROADWAY PLAN	
McIntosh Plan-6	

SHEET NO.

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

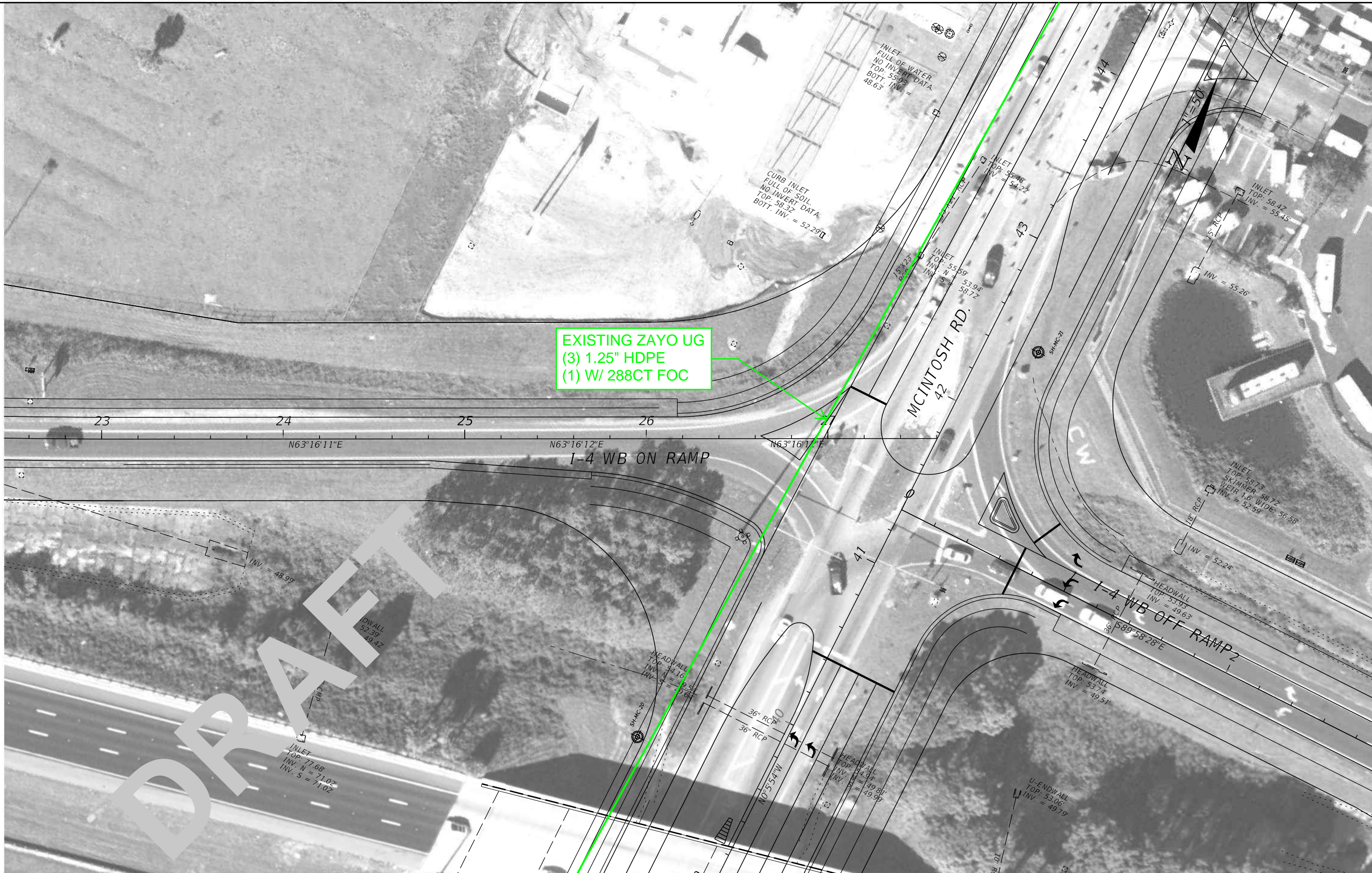
1/22/2024 7:58:46 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. McIntosh Plan-7
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:04 AM CLARKRT
c:\cdmext\clarkr\10745606\PLAN\U02.dgn



EXISTING ZAYO UG
(3) 1.25\"/>

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp Plan-3
					ROAD #	HILLSBOROUGH	447157-1-52-01		

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

NO ZAYO FACILITIES ON THIS SHEET



DRAFT

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp A Plan-4
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD #	HILLSBOROUGH	447157-1-52-01		

1/22/2024 7:59:08 AM CLARKRT
c:\cdm\ext\clarkr\1\00745606\PLAN\U02.dgn

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

NO ZAYO FACILITIES ON THIS SHEET



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp A Plan-5
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

1/22/2024 7:59:13 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\W02.dgn

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

NO ZAYO FACILITIES ON THIS SHEET



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp B Plan
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD #	HILLSBOROUGH	447157-1-52-01		

1/22/2024 7:59:17 AM CLARKRT
c:\cdmext\clarkr\140745606\PLAN\W02.dgn

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

NO ZAYO FACILITIES ON THIS SHEET



1/22/2024 7:59:20 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\W02.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp B Plan-1
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

NO ZAYO FACILITIES ON THIS SHEET



PIVOT
TOP = 72.05'
INV. = 68.61'

I-4 EB

36' RCP

I-4 EB ON RAMP

HEADWALL
TOP = 58.16'
INV. = 53.98'

DRAFT

SEE MCINTOSH RD. PLAN 4

1/22/2024 7:59:25 AM CLARKRT
c:\cdmext\clarkr\1\00745606\PLAN\1\02.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

1/22/2024 7:59:29 AM CLARKRT
c:\cdmext\clarkr\1\0745606\PLAN\W02.dgn

NO ZAYO FACILITIES ON THIS SHEET

INLET
TOP: 69.59'
INV. N = 62.65'
INV. S = 62.79'
18" BCP
DIRECTION ONLY

1"=50'

10 11

I-4 EB ON RAMP

DRAFT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD	
REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ROAD #	HILLSBOROUGH	447157-1-52-01

ROADWAY PLAN	
Ramp C Plan-1	

SHEET NO.

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

1/22/2024 7:59:33 AM CLARKRT
c:\cdmext\clarkr\0745606\PLAN\W02.dgn

NO ZAYO FACILITIES ON THIS SHEET



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

Ramp C
Plan-2

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

NO ZAYO FACILITIES ON THIS SHEET



1/22/2024 7:59:37 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. Ramp C Plan-3
DATE	DESCRIPTION	DATE	DESCRIPTION	REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ROAD #	HILLSBOROUGH	447157-1-52-01		

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

NO ZAYO FACILITIES ON THIS SHEET



60" RCP

INLET
TOP: 53.98'
INV. E = 47.20'
INV. W = 46.80'

INV. = 55.14'

5

16

17

18

19

20

21

22

54" RCP

I-4 WB ON RAMP

INLET
TOP: 65.39'
INV. = 58.64'

U-ENDWALL
TOP: 65.87'
INV. = 62.88'

10" CMP

INLET
TOP: 73.48'
INV. = 69.10'

U-ENDWALL
TOP: 61.13'
INV. = 57.87'

10" RCP

INLET
TOP: 75.91'
INV. = 71.97'

I-4 WB

I-4 EB

1/22/2024 7:59:41 AM CLARKRT
c:\cdm\ext\clarkr\1\40745606\PLAN\UW02.dgn

REVISIONS	
DATE	DESCRIPTION

ENGINEER OF RECORD
REJA E. RABBI
LICENSE NUMBER: 84637
CDM SMITH
4010 W BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ROAD #	HILLSBOROUGH	447157-1-52-01

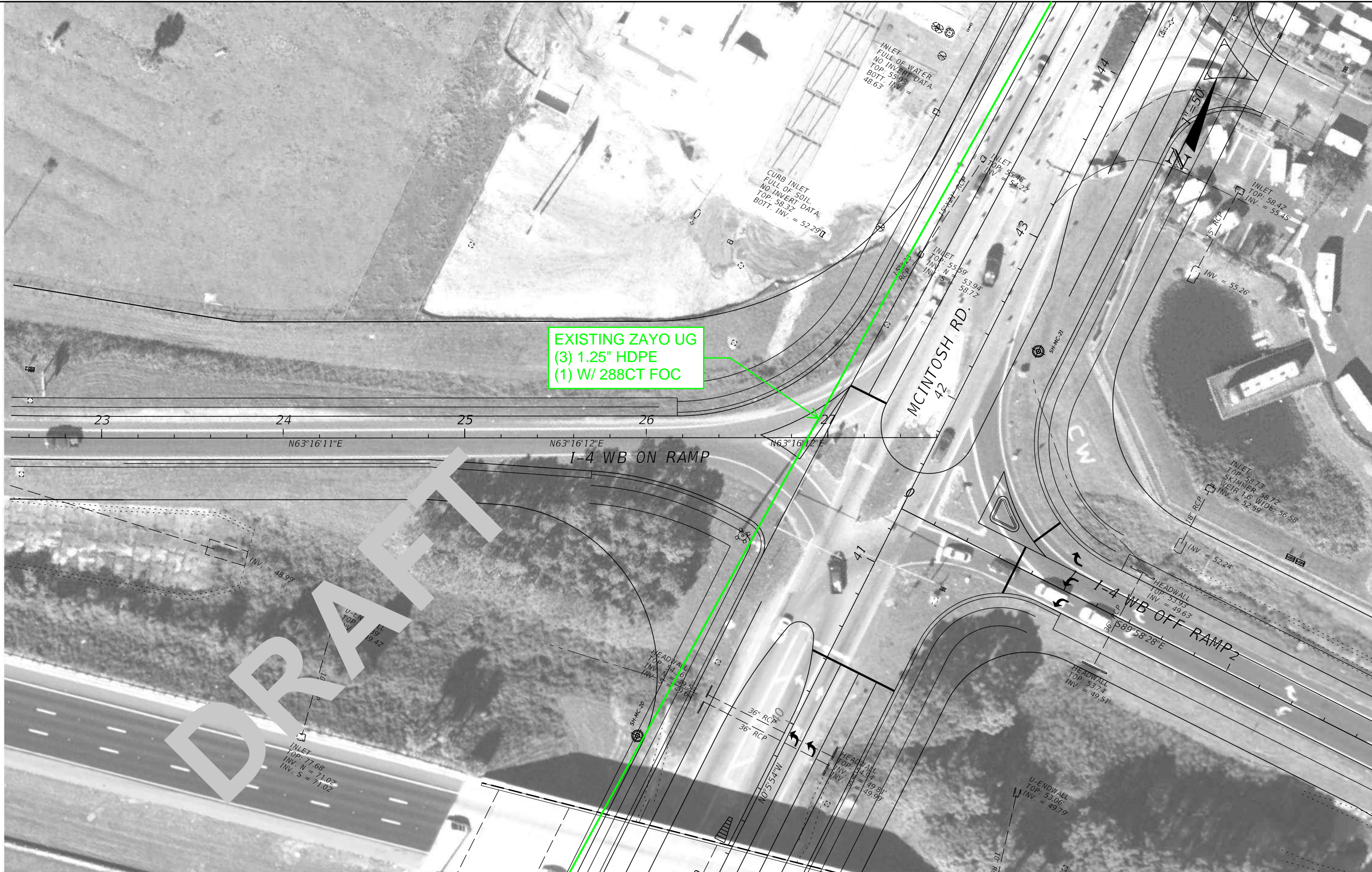
ROADWAY PLAN

SHEET
NO.

Ramp C
Plan-4

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

1/22/2024 7:59:44 AM CLARKRT
c:\cdm\ext\clarkr\1\0745606\PLAN\U02.dgn



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION		DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Ramp Plan-5
				REJA E. RABBI LICENSE NUMBER: 84637 CDM SMITH 4010 W BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	ROAD #	HILLSBOROUGH	447157-1-52-01		

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

Appendix B

Preliminary Conceptual Design Plans

CONTRACT PLANS COMPONENTS
ROADWAY PLANS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND
ENVIRONMENT STUDY
CONCEPT PLANS

FINANCIAL PROJECT ID 447157-1-32-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10900031 & 10000622)

MCINTOSH ROAD
ADD LANES AND RECONSTRUCT
FROM S. OF US 92 TO N. OF I-4

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
01	KEY SHEET
02	PROJECT LAYOUT PLAN SHEET
03-13	CONCEPT PLAN SHEETS

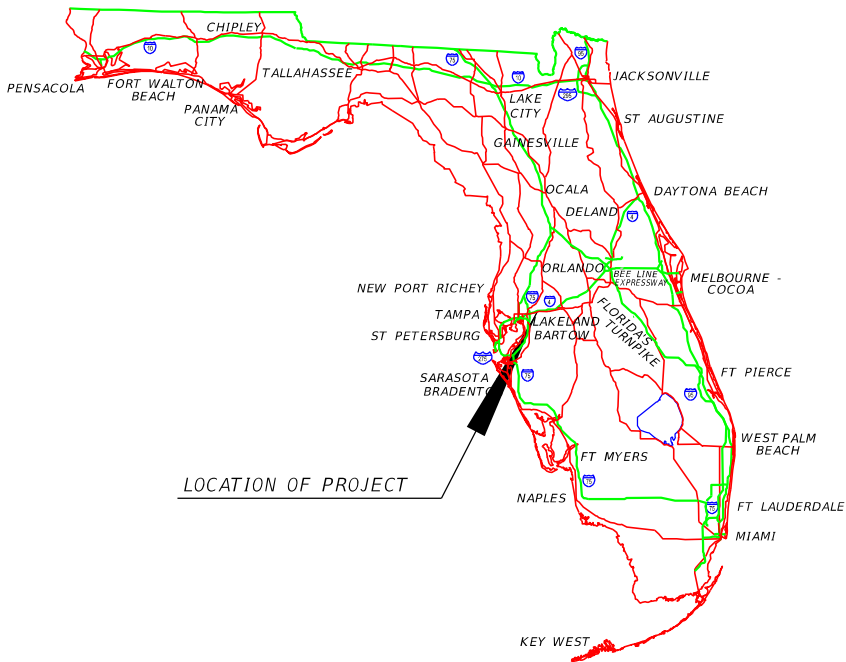
PROJECT LOCATION URL: <https://tinyurl.com/34tuk4p2>

PROJECT LIMITS: BEGIN MP 0.204 - END MP 0.443 (#10900031)
BEGIN MP 0.000 - END MP 0.795 (#10000622)

EXCEPTIONS: NONE

BRIDGE LIMITS: NONE

RAILROAD CROSSING: NONE



GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY 2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: N/A

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, FY 2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS
ENGINEER OF RECORD:

REJA E. RABBI, P.E.
P.E. LICENSE NUMBER 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607
813-281-2900
CONTRACT NO.: CAE10
VENDOR NO.: 04-247365

FDOT PROJECT MANAGER:

CRAIG FOX, P.E.

DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
N/A	27	01

7/29/2024 5:14:16 PM MALAWADEPP
c:\cdmext\malawadepp\00926366\PLANAD_P\PROJECT\LAYOUT\CONCEPT01.dgn

DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

LEGEND

--- EXISTING ROW
--- EXISTING LA ROW
--- PROPOSED ROW

PLAN SHEET BOUNDARY
PLAN SHEET NUMBER

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

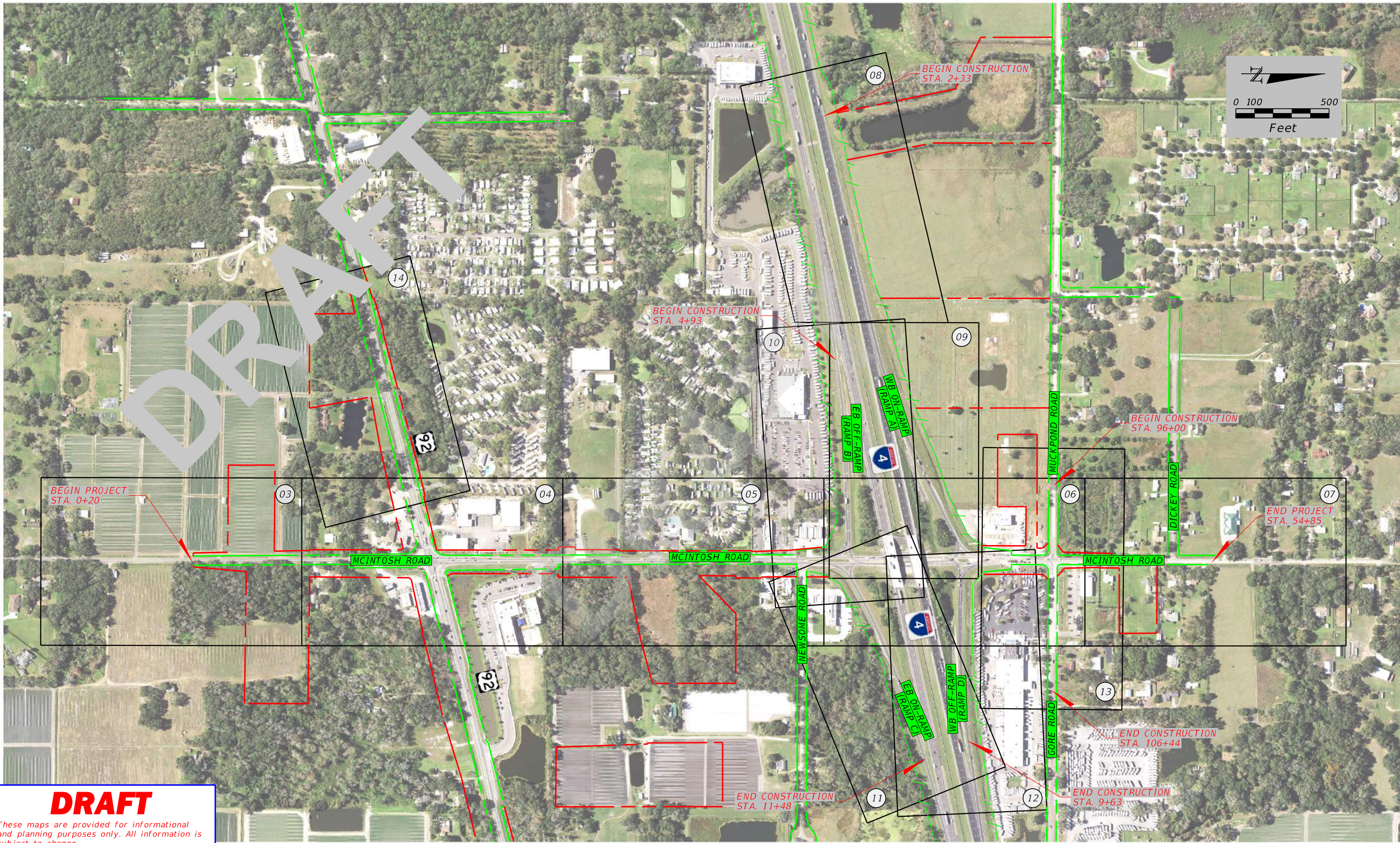
ENGINEER OF RECORD

REJA E. RABBI, P.E.
LICENSE NUMBER: 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

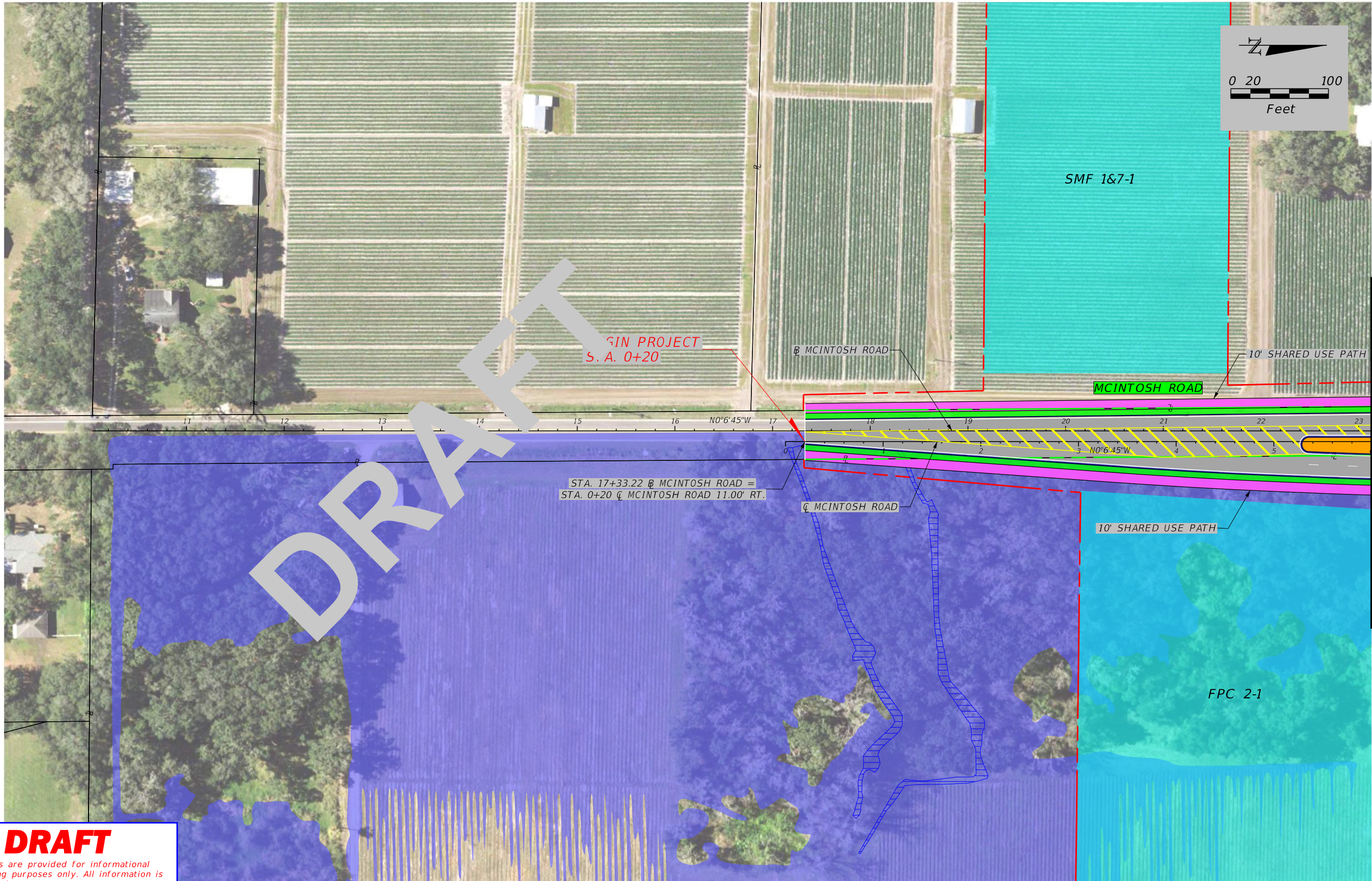
MCINTOSH RD. PD&E STUDY
FROM S. OF US 92 TO N. OF I-4
PREFERRED ALTERNATIVE CONCEPT PLANS

SHEET NO.

02



7/29/2024 4:51:28 PM MALAWADEPP
c:\cdmex\malawadepp\00926366\PLANAD_PLANCONCEPT01.dgn



DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

LEGEND

	BUSINESS RELOCATION		PREFERRED SMF AND FPC AREA		PROPOSED SHARED USE PATH		EXISTING LA ROW
	RESIDENTIAL RELOCATION		FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL)		PROPOSED PAVED SHOULDER		PROPOSED ROW
	POTENTIAL CONTAMINATION SITE		IMPROVEMENTS BY FDOT		PROPOSED TRAFFIC SIGNAL		PROPOSED GRAVITY WALL
	WETLANDS BOUNDARY		PROPOSED SOD		PROPERTY LINE		US 92 IMPROVEMENTS FPID: 447158-1-52-01
	OTHER SURFACE WATERS BOUNDARY		PROPOSED TRAFFIC SEPARATOR		EXISTING ROW		

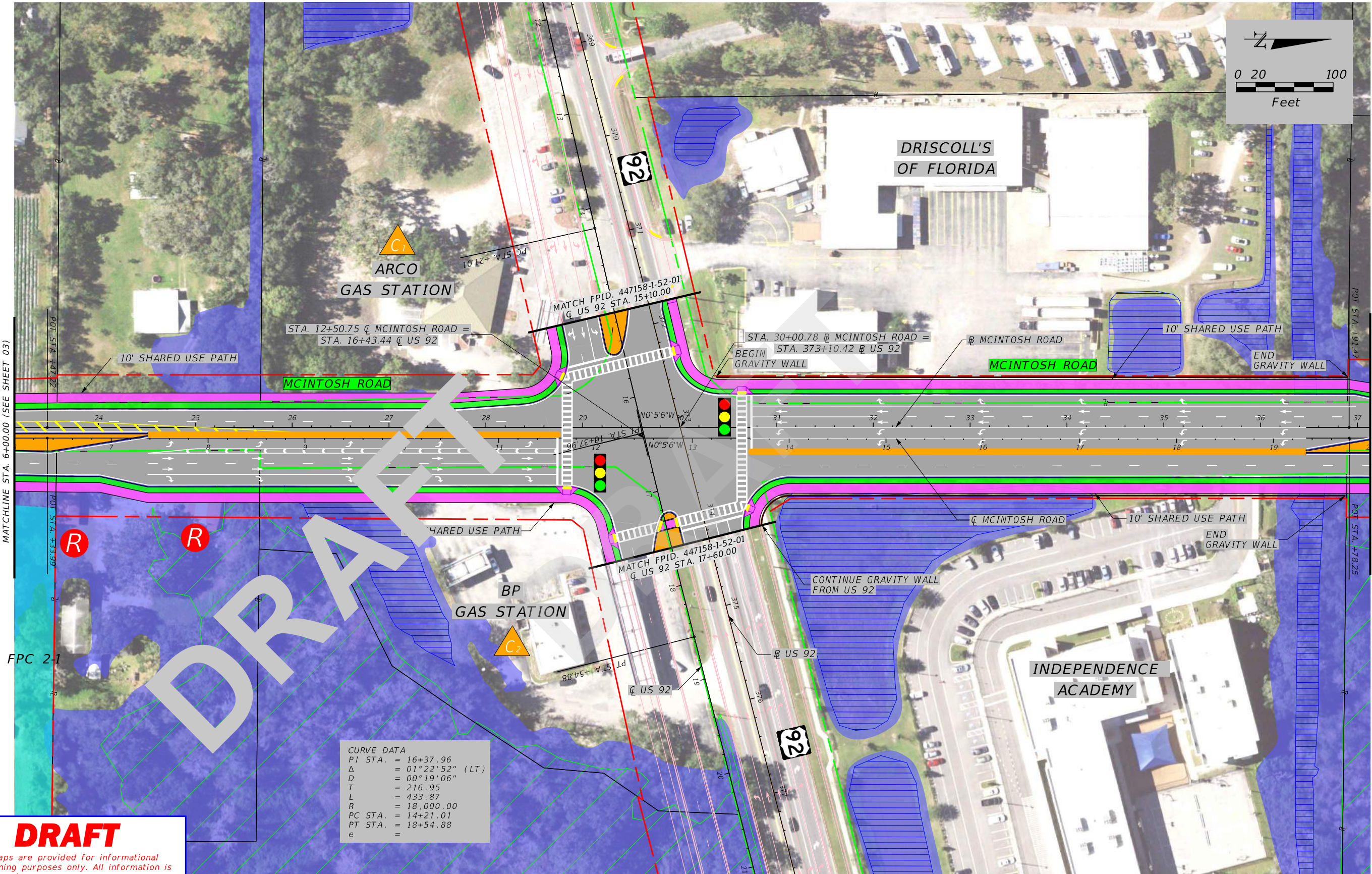
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

ENGINEER OF RECORD	
REJA E. RABBI, P.E. LICENSE NUMBER: 84637 CDM SMITH 4010 W. BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	

MCINTOSH RD. PD&E STUDY FROM S. OF US 92 TO N. OF I-4 PREFERRED ALTERNATIVE CONCEPT PLANS	
---	--

SHEET NO.
03

7/29/2024 4:52:42 PM MALAWADEPP
c:\cdm\external\malawadepp\00926366\PLANRD_PLANCONCEPT01.dgn



DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

CURVE DATA
PI STA. = 16+37.96
Δ = 01°22'52" (LT)
D = 00°19'06"
T = 216.95
L = 433.87
R = 18,000.00
PC STA. = 14+21.01
PT STA. = 18+54.88
e =

LEGEND

- | | | | |
|-------------------------------|---|--------------------------|--|
| BUSINESS RELOCATION | PREFERRED SMF AND FPC AREA | PROPOSED SHARED USE PATH | EXISTING LA ROW |
| RESIDENTIAL RELOCATION | FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL) | PROPOSED PAVED SHOULDER | PROPOSED ROW |
| POTENTIAL CONTAMINATION SITE | IMPROVEMENTS BY FDOT | PROPOSED TRAFFIC SIGNAL | PROPOSED GRAVITY WALL |
| WETLANDS BOUNDARY | PROPOSED SOD | PROPERTY LINE | US 92 IMPROVEMENTS
FPID: 447158-1-52-01 |
| OTHER SURFACE WATERS BOUNDARY | PROPOSED TRAFFIC SEPARATOR | EXISTING ROW | |

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

ENGINEER OF RECORD

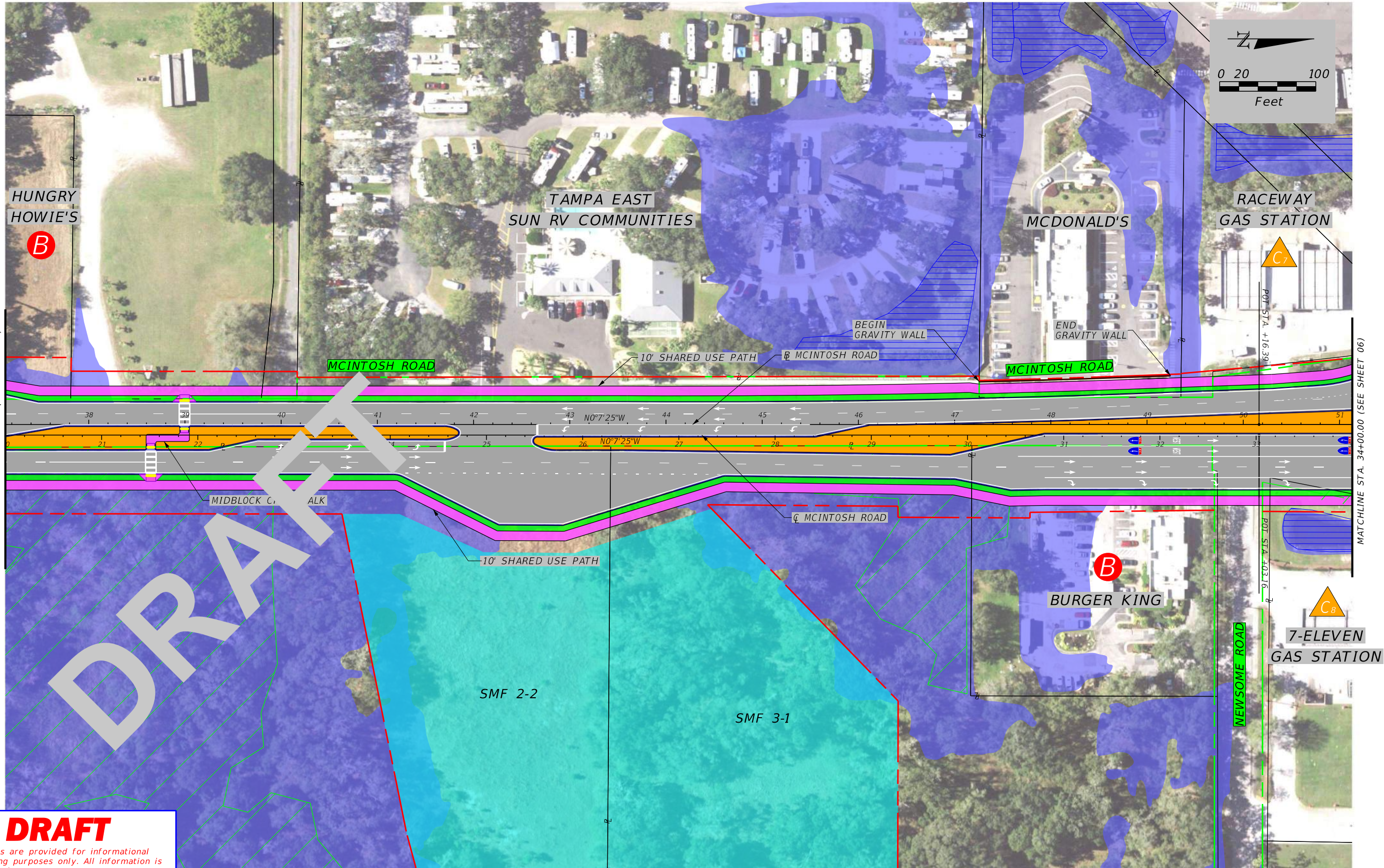
REJA E. RABBI, P.E.
LICENSE NUMBER: 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

MCINTOSH RD. PD&E STUDY
FROM S. OF US 92 TO N. OF I-4
PREFERRED ALTERNATIVE CONCEPT PLANS

SHEET
NO.

04




















7/29/2024 4:53:32 PM MALAWADEPP
c:\cdmex\malawadepp\00926366\PLANAD_PLANCONCEPT01.dgn



DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

LEGEND

	BUSINESS RELOCATION		PREFERRED SMF AND FPC AREA		PROPOSED SHARED USE PATH		EXISTING LA ROW
	RESIDENTIAL RELOCATION		FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL)		PROPOSED PAVED SHOULDER		PROPOSED ROW
	POTENTIAL CONTAMINATION SITE		IMPROVEMENTS BY FDOT		PROPOSED TRAFFIC SIGNAL		PROPOSED GRAVITY WALL
	WETLANDS BOUNDARY		PROPOSED SOD		PROPERTY LINE		US 92 IMPROVEMENTS FPID: 447158-1-52-01
	OTHER SURFACE WATERS BOUNDARY		PROPOSED TRAFFIC SEPARATOR		EXISTING ROW		

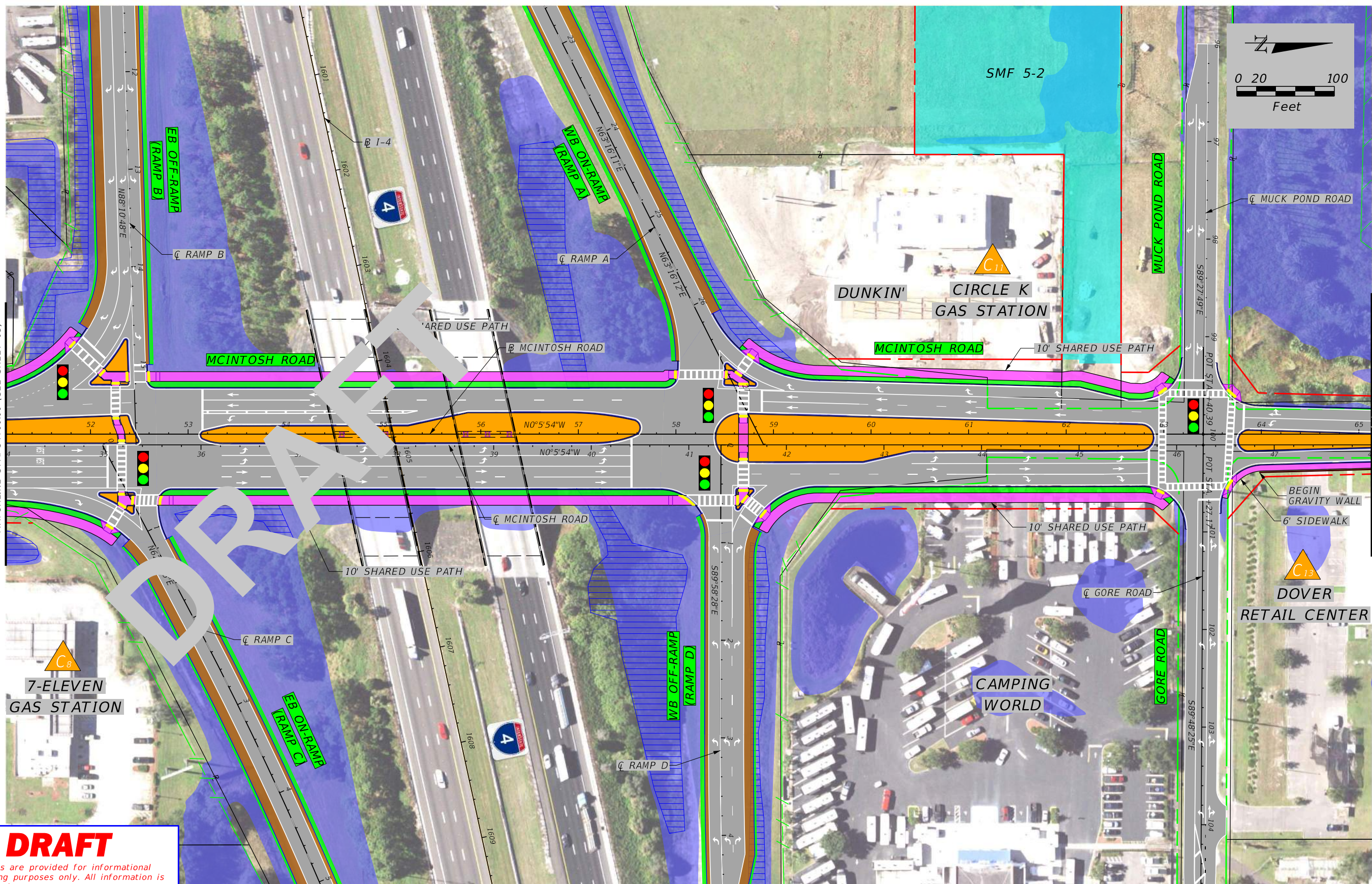
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

ENGINEER OF RECORD	
REJA E. RABBI, P.E. LICENSE NUMBER: 84637 CDM SMITH 4010 W. BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	

MCINTOSH RD. PD&E STUDY	
FROM S. OF US 92 TO N. OF I-4	
PREFERRED ALTERNATIVE CONCEPT PLANS	

SHEET NO.
05

7/29/2024 4:54:48 PM MALAWADEPP
c:\cdmex\malawadepp\00926366\PLANAD_PLANCONCEPT01.dgn



DRAFT

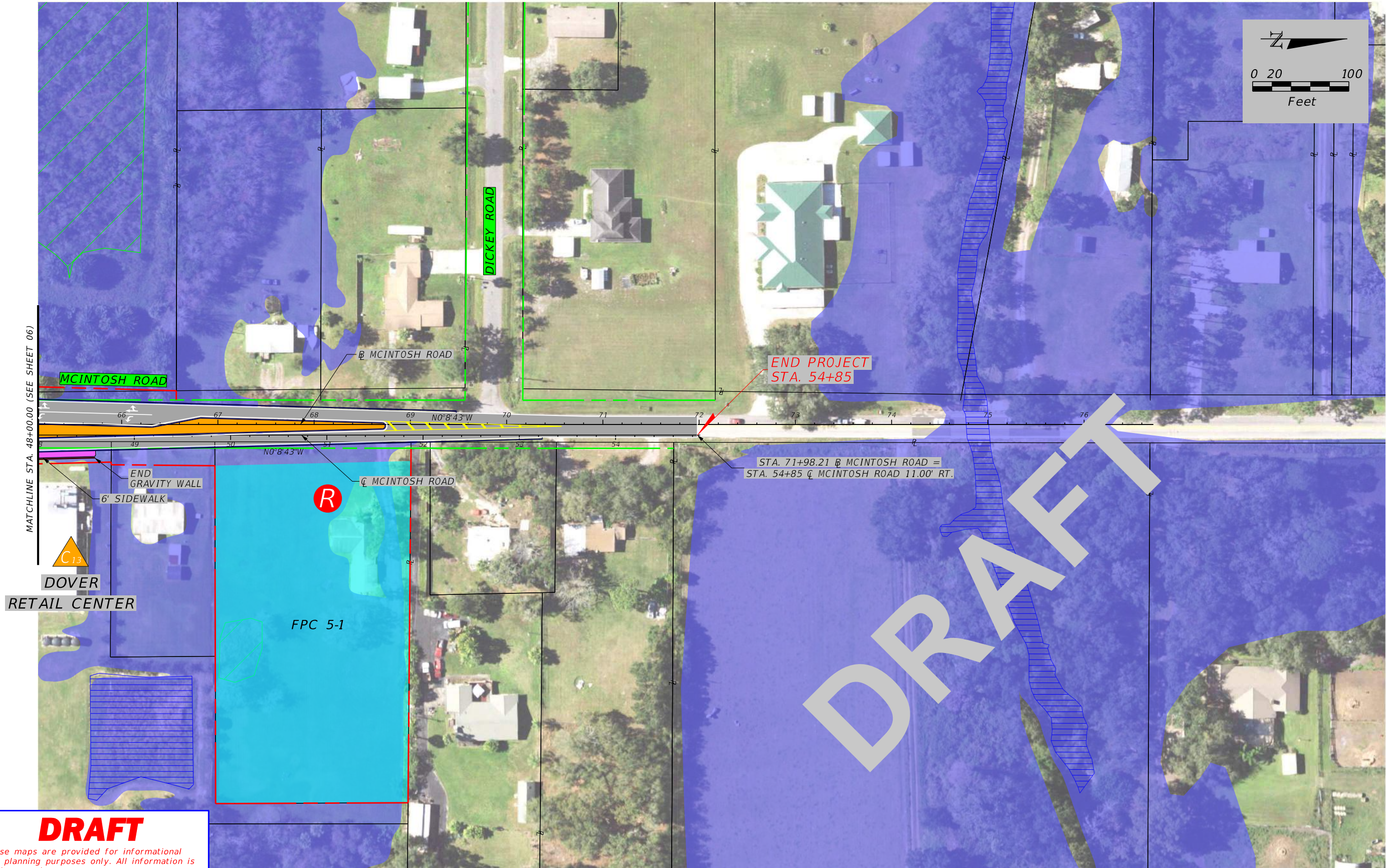
These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

LEGEND

	BUSINESS RELOCATION		PREFERRED SMF AND FPC AREA		PROPOSED SHARED USE PATH
	RESIDENTIAL RELOCATION		FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL)		PROPOSED PAVED SHOULDER
	POTENTIAL CONTAMINATION SITE		IMPROVEMENTS BY FDOT		PROPOSED TRAFFIC SIGNAL
	WETLANDS BOUNDARY		PROPOSED SOD		PROPOSED GRAVITY WALL
	OTHER SURFACE WATERS BOUNDARY		PROPOSED TRAFFIC SEPARATOR		US 92 IMPROVEMENTS FPID: 447158-1-52-01
			PROPERTY LINE		EXISTING ROW
			EXISTING LA ROW		

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ENGINEER OF RECORD	MCINTOSH RD. PD&E STUDY FROM S. OF US 92 TO N. OF I-4 PREFERRED ALTERNATIVE CONCEPT PLANS	SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	REJA E. RABBI, P.E. LICENSE NUMBER: 84637 CDM SMITH 4010 W. BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		
N/A	HILLSBOROUGH	447157-1-32-01			06

7/29/2024 4:55:32 PM MALAWADEPP
c:\cdmex\malawadepp\00926366\PLANRD_PLANCONCEPT01.dgn



DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

LEGEND

	BUSINESS RELOCATION		PREFERRED SMF AND FPC AREA		PROPOSED SHARED USE PATH		EXISTING LA ROW
	RESIDENTIAL RELOCATION		FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL)		PROPOSED PAVED SHOULDER		PROPOSED ROW
	POTENTIAL CONTAMINATION SITE		IMPROVEMENTS BY FDOT		PROPOSED TRAFFIC SIGNAL		PROPOSED GRAVITY WALL
	WETLANDS BOUNDARY		PROPOSED SOD		PROPERTY LINE		US 92 IMPROVEMENTS FPID. 447158-1-52-01
	OTHER SURFACE WATERS BOUNDARY		PROPOSED TRAFFIC SEPARATOR		EXISTING ROW		

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

ENGINEER OF RECORD

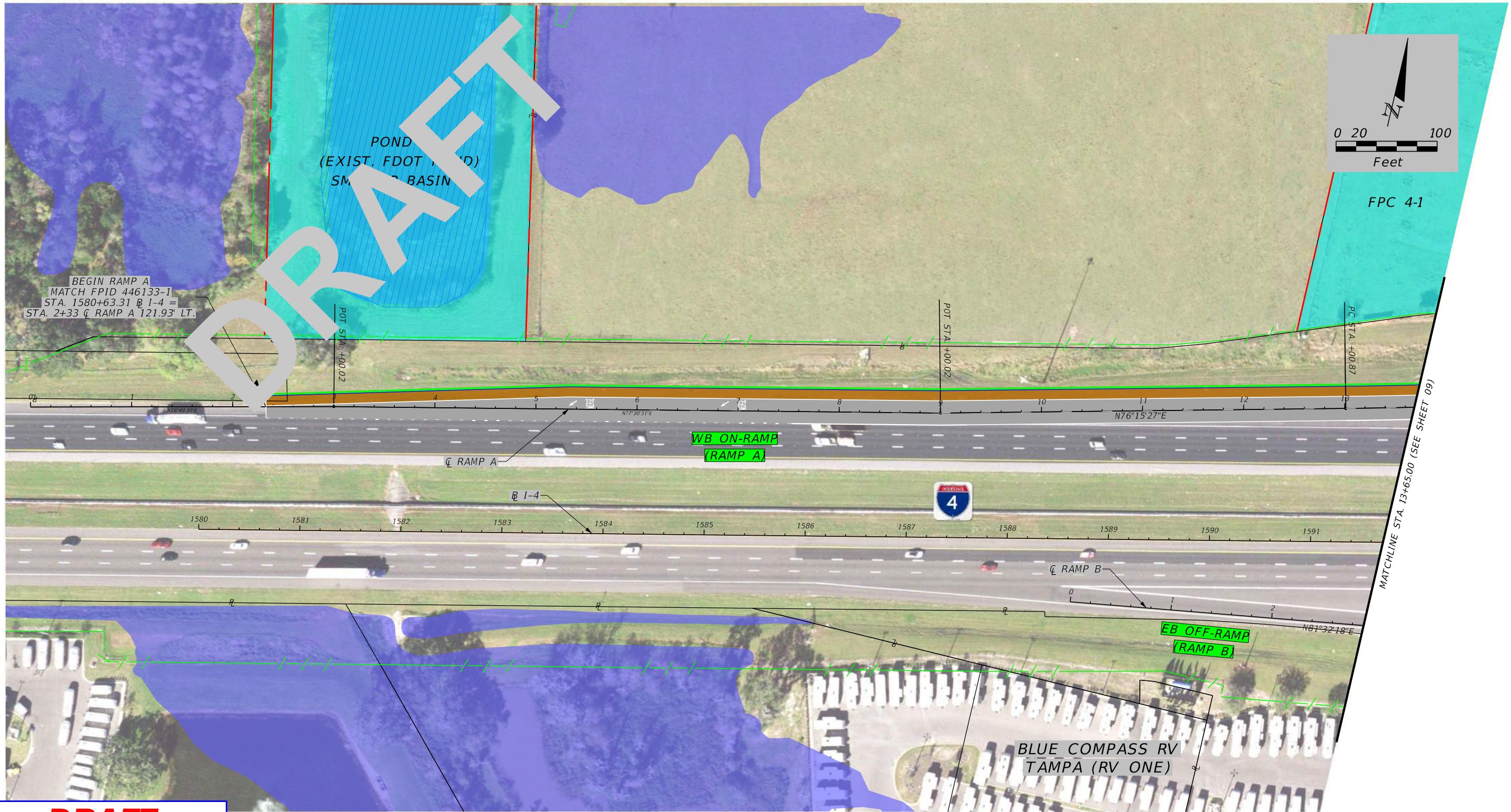
REJA E. RABBI, P.E.
LICENSE NUMBER: 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

MCINTOSH RD. PD&E STUDY
FROM S. OF US 92 TO N. OF I-4
PREFERRED ALTERNATIVE CONCEPT PLANS

SHEET
NO.

07

7/29/2024 4:58:02 PM MALAWADEPP
c:\cdm\external\malawadepp\00926366\PLANRD_PLANCONCEPT01.dgn



DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

LEGEND

	BUSINESS RELOCATION		PREFERRED SMF AND FPC AREA		PROPOSED SHARED USE PATH		EXISTING LA ROW
	RESIDENTIAL RELOCATION		FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL)		PROPOSED PAVED SHOULDER		PROPOSED ROW
	POTENTIAL CONTAMINATION SITE		IMPROVEMENTS BY FDOT		PROPOSED TRAFFIC SIGNAL		PROPOSED GRAVITY WALL
	WETLANDS BOUNDARY		PROPOSED SOD		PROPERTY LINE		US 92 IMPROVEMENTS FPID. 447158-1-52-01
	OTHER SURFACE WATERS BOUNDARY		PROPOSED TRAFFIC SEPARATOR		EXISTING ROW		

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ENGINEER OF RECORD	MCINTOSH RD. PD&E STUDY FROM S. OF US 92 TO N. OF I-4 PREFERRED ALTERNATIVE CONCEPT PLANS	SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	REJA E. RABBI, P.E. LICENSE NUMBER: 84637 CDM SMITH 4010 W. BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607		08
N/A	HILLSBOROUGH	447157-1-32-01			

7/29/2024 4:59:51 PM MALAWADEPP
c:\cdmex\malawadepp\00926366\PLANAD_PLANCONCEPT01.dgn

DRAFT

These maps are provided for informational
and planning purposes only. All information is
subject to change.
Dated 07/29/24

LEGEND

	BUSINESS RELOCATION		PREFERRED SMF AND FPC AREA		PROPOSED SHARED USE PATH		EXISTING LA ROW
	RESIDENTIAL RELOCATION		FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL)		PROPOSED PAVED SHOULDER		PROPOSED ROW
	POTENTIAL CONTAMINATION SITE		IMPROVEMENTS BY FDOT		PROPOSED TRAFFIC SIGNAL		PROPOSED GRAVITY WALL
	WETLANDS BOUNDARY		PROPOSED SOD		PROPERTY LINE		US 92 IMPROVEMENTS FPID: 447158-1-52-01
	OTHER SURFACE WATERS BOUNDARY		PROPOSED TRAFFIC SEPARATOR		EXISTING ROW		

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

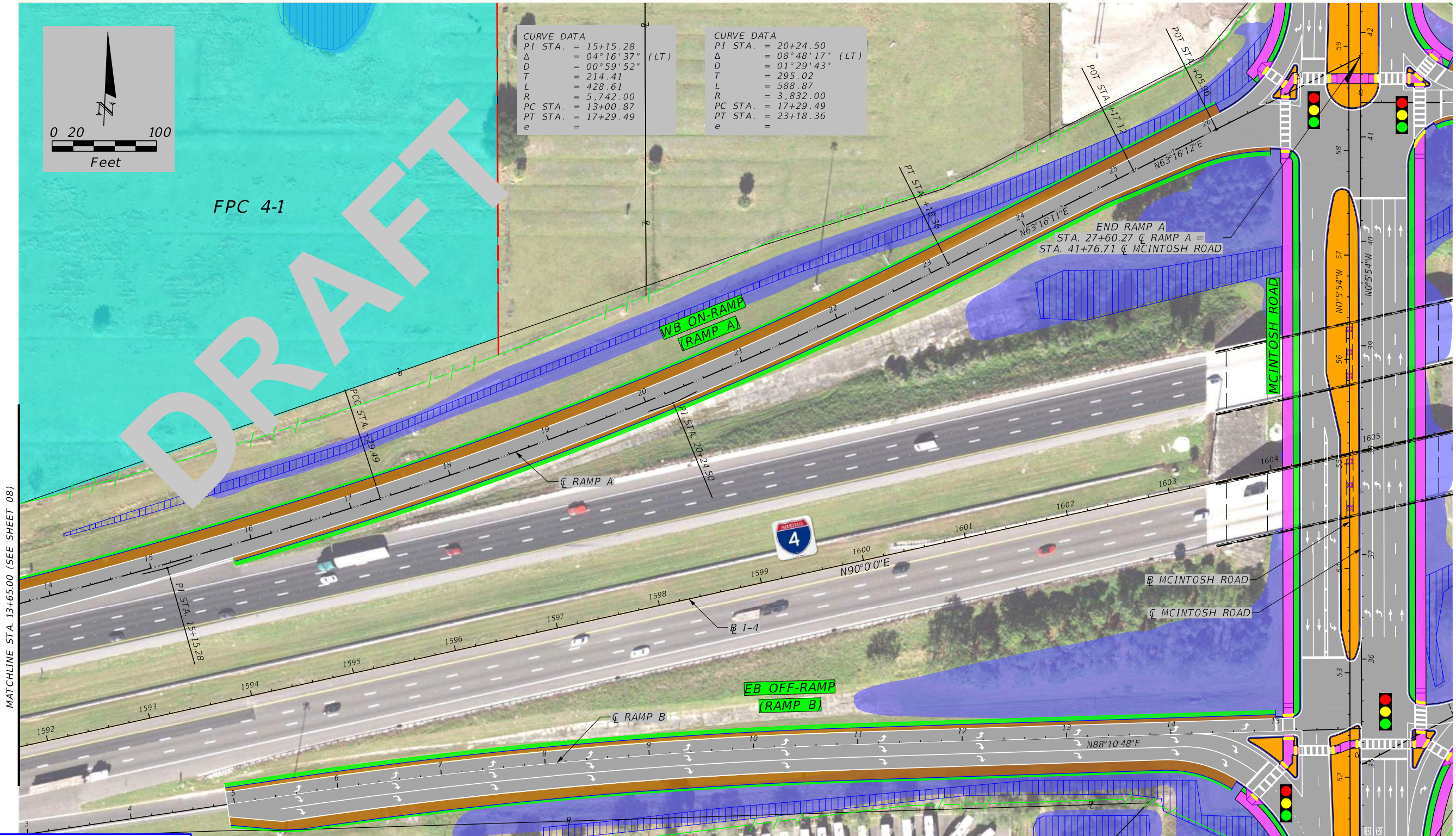
ENGINEER OF RECORD

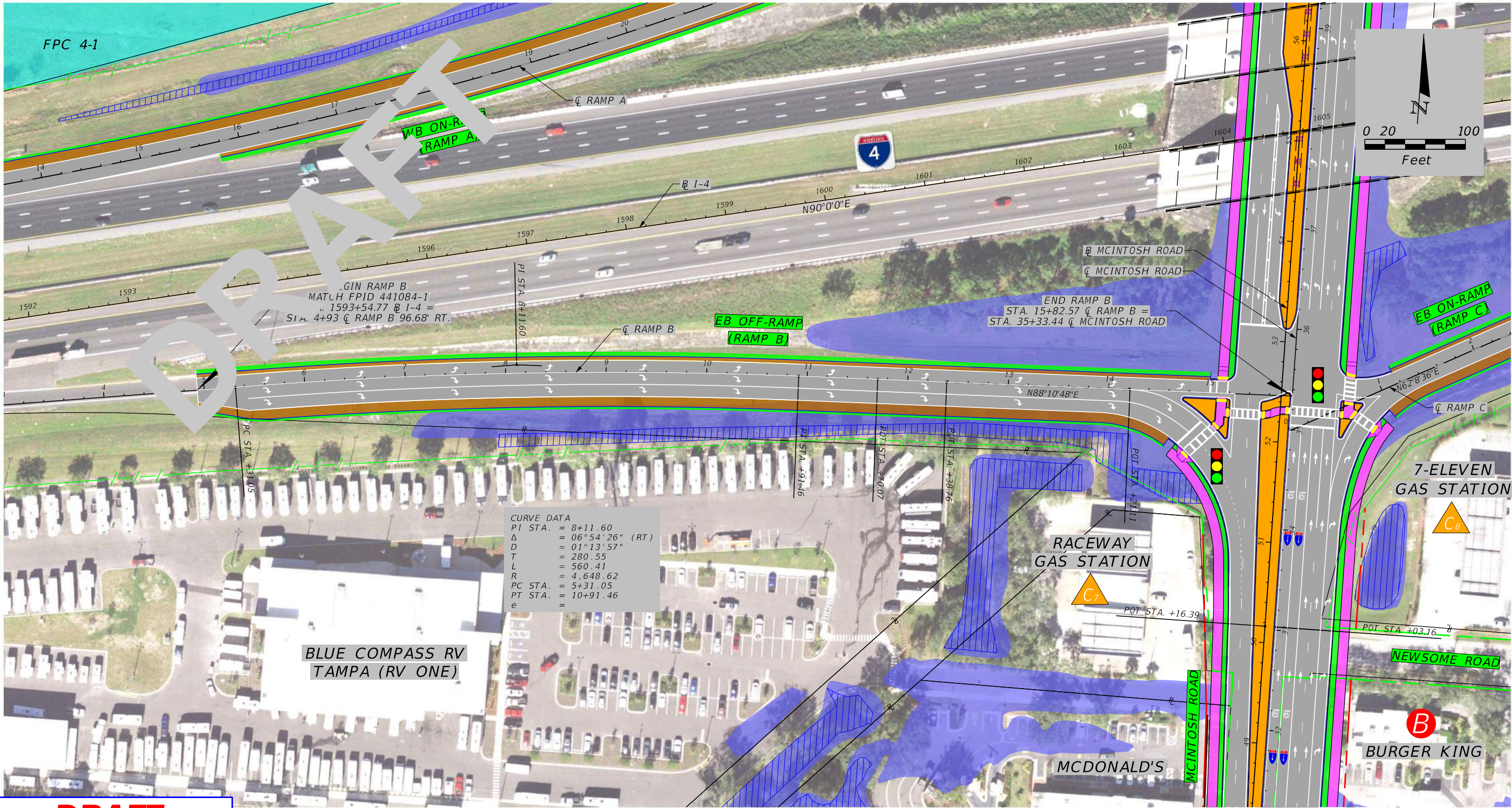
REJA E. RABBI, P.E.
LICENSE NUMBER: 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

MCINTOSH RD. PD&E STUDY
FROM S. OF US 92 TO N. OF I-4
PREFERRED ALTERNATIVE CONCEPT PLANS

SHEET
NO.

09





CURVE DATA
PI STA. = 8+11.60
Δ = 06°54'26" (RT)
D = 01°13'57"
T = 280.55
L = 560.41
R = 4,648.62
PC STA. = 5+31.05
PT STA. = 10+91.46
e =

BLUE COMPASS RV
TAMPA (RV ONE)

DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

7/29/2024 5:02:02 PM MALAWADEPP
c:\cdm\external\malawadepp\00926366\PLANRD_PLANCONCEPT01.dgn

LEGEND

- | | | | |
|-------------------------------|---|--------------------------|---|
| BUSINESS RELOCATION | PREFERRED SMF AND FPC AREA | PROPOSED SHARED USE PATH | EXISTING LA ROW |
| RESIDENTIAL RELOCATION | FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL) | PROPOSED PAVED SHOULDER | PROPOSED ROW |
| POTENTIAL CONTAMINATION SITE | IMPROVEMENTS BY FDOT | PROPOSED TRAFFIC SIGNAL | PROPOSED GRAVITY WALL |
| WETLANDS BOUNDARY | PROPOSED SOD | PROPERTY LINE | US 92 IMPROVEMENTS FPID: 447158-1-52-01 |
| OTHER SURFACE WATERS BOUNDARY | PROPOSED TRAFFIC SEPARATOR | EXISTING ROW | |

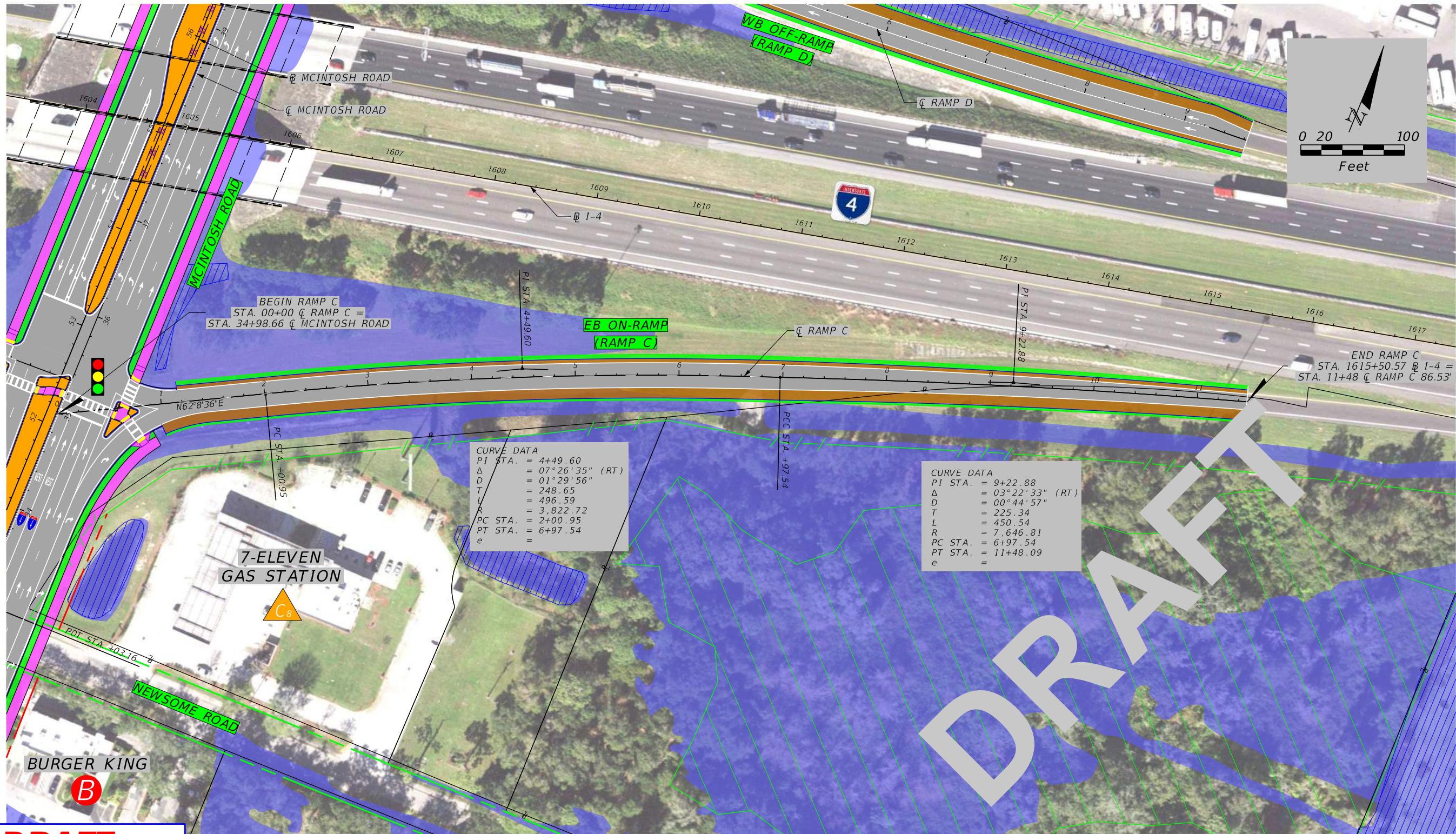
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

ENGINEER OF RECORD	
REJA E. RABBI, P.E. LICENSE NUMBER: 84637 CDM SMITH 4010 W. BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607	

MCINTOSH RD. PD&E STUDY FROM S. OF US 92 TO N. OF I-4 PREFERRED ALTERNATIVE CONCEPT PLANS	
---	--

SHEET NO.
10

7/29/2024 5:05:03 PM MALAWADEPP
c:\cdmex\malawadepp\00926366\PLANRD_PLANCONCEPT01.dgn



DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

LEGEND

	BUSINESS RELOCATION		PREFERRED SMF AND FPC AREA		PROPOSED SHARED USE PATH		EXISTING LA ROW
	RESIDENTIAL RELOCATION		FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL)		PROPOSED PAVED SHOULDER		PROPOSED ROW
	POTENTIAL CONTAMINATION SITE		IMPROVEMENTS BY FDOT		PROPOSED TRAFFIC SIGNAL		PROPOSED GRAVITY WALL
	WETLANDS BOUNDARY		PROPOSED SOD		PROPERTY LINE		US 92 IMPROVEMENTS FPID: 447158-1-52-01
	OTHER SURFACE WATERS BOUNDARY		PROPOSED TRAFFIC SEPARATOR		EXISTING ROW		

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

ENGINEER OF RECORD

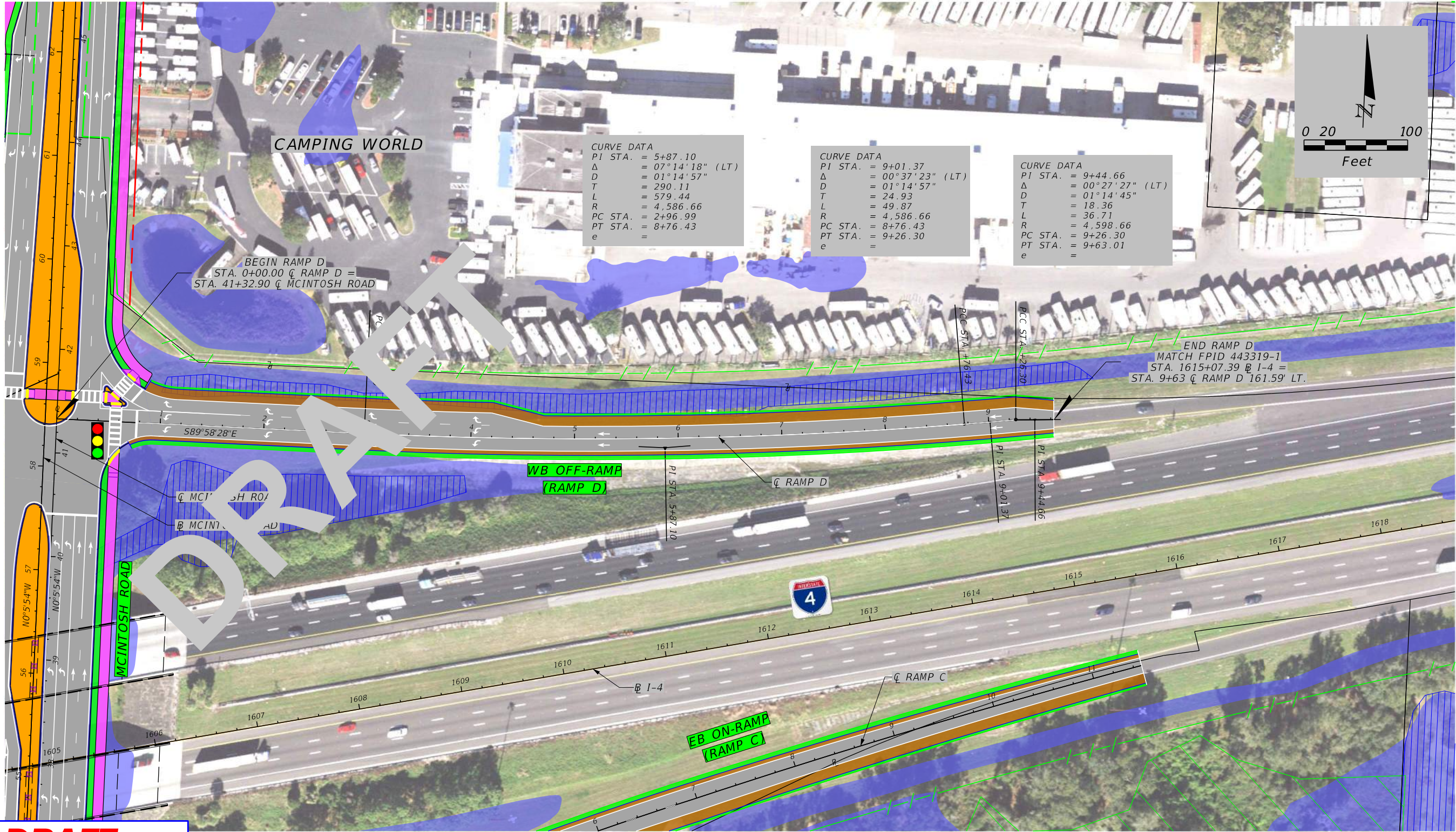
REJA E. RABBI, P.E.
LICENSE NUMBER: 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

MCINTOSH RD. PD&E STUDY
FROM S. OF US 92 TO N. OF I-4
PREFERRED ALTERNATIVE CONCEPT PLANS

SHEET
NO.

11

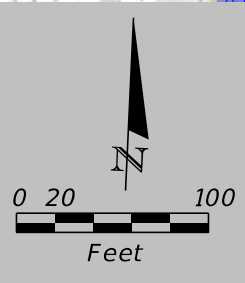
7/29/2024 5:07:01 PM MALAWADEPP
c:\cdmex\malawadepp\00926366\PLANRD_PLANCONCEPT01.dgn



CURVE DATA
PI STA. = 5+87.10
Δ = 07°14'18" (LT)
D = 01°14'57"
T = 290.11
L = 579.44
R = 4,586.66
PC STA. = 2+96.99
PT STA. = 8+76.43
e =

CURVE DATA
PI STA. = 9+01.37
Δ = 00°37'23" (LT)
D = 01°14'57"
T = 24.93
L = 49.87
R = 4,586.66
PC STA. = 8+76.43
PT STA. = 9+26.30
e =

CURVE DATA
PI STA. = 9+44.66
Δ = 00°27'27" (LT)
D = 01°14'45"
T = 18.36
L = 36.71
R = 4,598.66
PC STA. = 9+26.30
PT STA. = 9+63.01
e =



DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

LEGEND

- | | | | |
|-------------------------------|---|--------------------------|---|
| BUSINESS RELOCATION | PREFERRED SMF AND FPC AREA | PROPOSED SHARED USE PATH | EXISTING LA ROW |
| RESIDENTIAL RELOCATION | FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL) | PROPOSED PAVED SHOULDER | PROPOSED ROW |
| POTENTIAL CONTAMINATION SITE | IMPROVEMENTS BY FDOT | PROPOSED TRAFFIC SIGNAL | PROPOSED GRAVITY WALL |
| WETLANDS BOUNDARY | PROPOSED SOD | PROPERTY LINE | US 92 IMPROVEMENTS FPID: 447158-1-52-01 |
| OTHER SURFACE WATERS BOUNDARY | PROPOSED TRAFFIC SEPARATOR | EXISTING ROW | |

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

ENGINEER OF RECORD

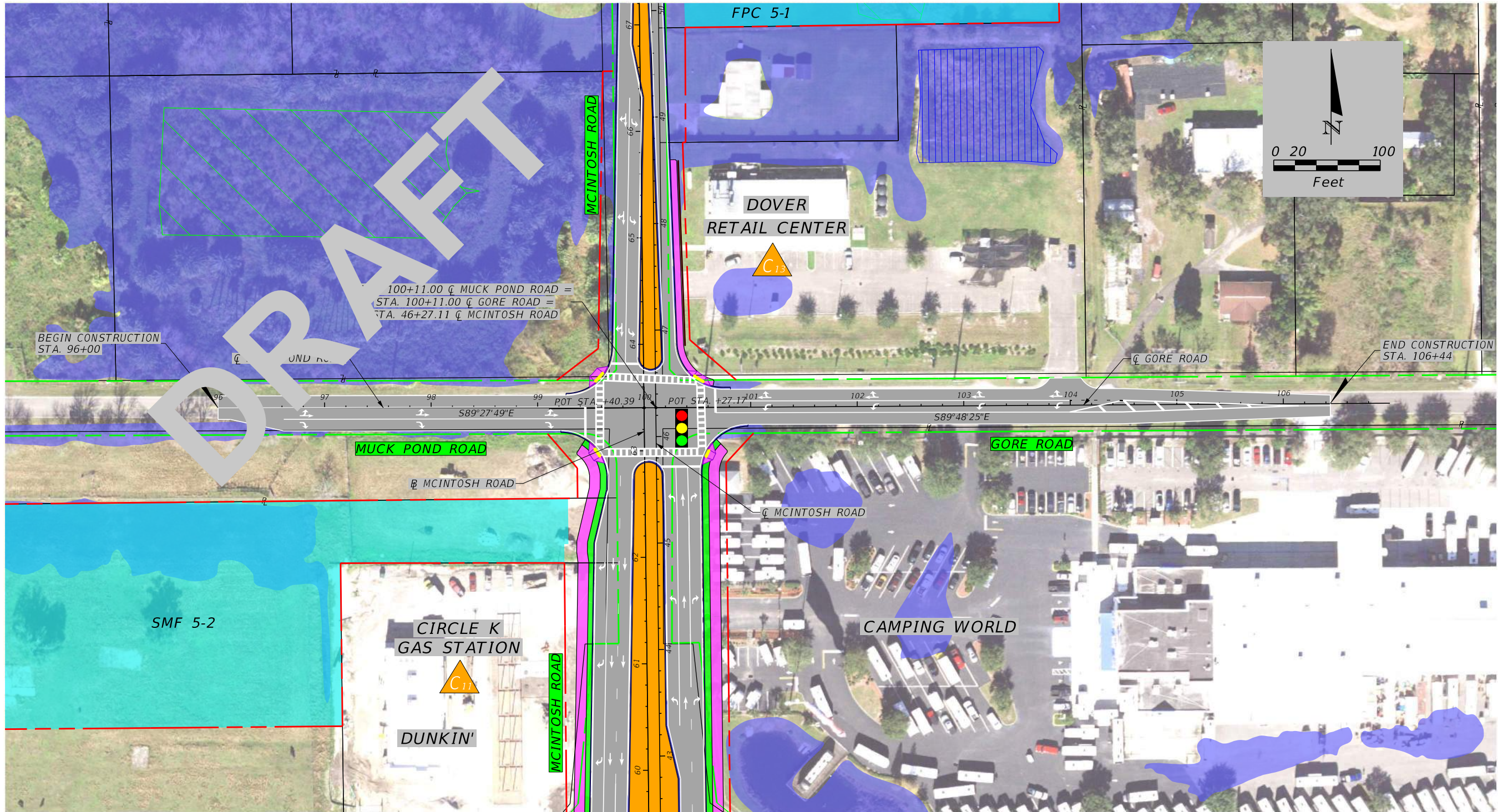
REJA E. RABBI, P.E.
LICENSE NUMBER: 84637
CDM SMITH
4010 W. BOY SCOUT BLVD. STE. 450
TAMPA, FL 33607

MCINTOSH RD. PD&E STUDY
FROM S. OF US 92 TO N. OF I-4
PREFERRED ALTERNATIVE CONCEPT PLANS

SHEET
NO.

12

7/29/2024 4:56:23 PM MALAWADEPP
c:\cdmex\malawadepp\00926366\PLANRD_PLANCONCEPT01.dgn



DRAFT

These maps are provided for informational and planning purposes only. All information is subject to change.
Dated 07/29/24

LEGEND

	BUSINESS RELOCATION		PREFERRED SMF AND FPC AREA		PROPOSED SHARED USE PATH		EXISTING LA ROW
	RESIDENTIAL RELOCATION		FLOODPLAIN AREAS (HILLS COUNTY STORMWATER MANAGEMENT MODEL)		PROPOSED PAVED SHOULDER		PROPOSED ROW
	POTENTIAL CONTAMINATION SITE		IMPROVEMENTS BY FDOT		PROPOSED TRAFFIC SIGNAL		PROPOSED GRAVITY WALL
	WETLANDS BOUNDARY		PROPOSED SOD		PROPERTY LINE		US 92 IMPROVEMENTS FPID: 447158-1-52-01
	OTHER SURFACE WATERS BOUNDARY		PROPOSED TRAFFIC SEPARATOR		EXISTING ROW		

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	HILLSBOROUGH	447157-1-32-01

ENGINEER OF RECORD
REJA E. RABBI, P.E. LICENSE NUMBER: 84637 CDM SMITH 4010 W. BOY SCOUT BLVD. STE. 450 TAMPA, FL 33607

MCINTOSH RD. PD&E STUDY
FROM S. OF US 92 TO N. OF I-4 PREFERRED ALTERNATIVE CONCEPT PLANS

SHEET NO.
13

Appendix C

Sunshine 811 (One) Design Ticket

DESIGN TICKET

Ticket : 019402690 Rev:000 Taken: 01/19/24 11:21ET

State: FL Cnty: HILLSBOROUGH GeoPlace: DOVER
CallerPlace: DOVER
Subdivision:

Address :
Street : MCINTOSH RD
Cross 1 : US 92
Within 1/4 mile: Y
Cross 2 : DICKEY RD

Locat: DESIGN TICKET (LOCATE FOR DESIGN): FDOT FPID 447157-1. MCINTOSH ROAD
FROM S OF US 92 TO N OF DICKEY RDFLEXIBLE PAVEMENT RECONSTRUCT.

:

Remarks : DESIGN TICKET

IN RESPONSE TO RECEIPT OF A DESIGN TICKET, SSOCOF PROVIDES THE ORIGINATOR OF THE DESIGN TICKET WITH A LIST OF SSOCOF MEMBERS IN THE VICINITY OF THE DESIGN PROJECT. SSOCOF DOES NOT NOTIFY SSOCOF MEMBERS OF THE RECEIPT BY SSOCOF OF A DESIGN TICKET. IT IS THE SOLE RESPONSIBILITY OF THE DESIGN ENGINEER TO CONTACT SSOCOF MEMBERS TO REQUEST INFORMATION ABOUT THE LOCATION OF SSOCOF MEMBERS' UNDERGROUND FACILITIES. SUBMISSION OF A DESIGN TICKET WILL NOT SATISFY THE REQUIREMENT OF CHAPTER 556, FLORIDA STATUTES, TO NOTIFY SSOCOF OF AN INTENT TO EXCAVATE OR DEMOLISH. THAT INTENT MUST BE MADE KNOWN SPECIFICALLY TO SSOCOF IN THE MANNER REQUIRED BY LAW. IN AN EFFORT TO SAVE TIME ON FUTURE CALLS, SAVE YOUR DESIGN TICKET NUMBER IF YOU INTEND TO BEGIN EXCAVATION WITHIN 90 DAYS OF YOUR DESIGN REQUEST. THE DESIGN TICKET CAN BE REFERENCED, AND THE INFORMATION ON IT CAN BE USED TO SAVE TIME WHEN YOU CALL IN THE EXCAVATION REQUEST.

*** LOOKUP BY MANUAL ***

*** Boundary: n 28.027982 s 28.015441 w -82.245350 e -82.243972

:

Grids : 2800A8214B 2801B8214B 2801C8214B 2801D8214B

Work date: 01/19/24 Time: 10:51ET Hrs notc: 000 Category: 6 Duration: UNKNOWN
Due Date : 01/23/24 Time: 23:59ET Exp Date : 02/19/24 Time: 23:59ET
Work type: DESIGN Boring: N White-lined: N
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A
Done for : DESIGN

Company : HARBOR COORDINATION SOLUTIONS INC Type: OTHR
Co addr : 132 10TH AVNEUE NORTH
Co addr2: SUITE 102B
City : SAFETY HARBOR State: FL Zip: 34695
Caller : BRIAN DEAN Phone: 813-781-5787
BestTime: ANYTIME
Mobile : 813-781-5787
Email : SARAH@HARBORCOORDINATION.COM

Submitted: 01/19/24 11:21ET Oper: BRI Chan: WEB

Mbrs : FLW941 GT1722 HCR409 LCA395 MCIU01 PE1741 SL2333 TC2329 TEC001 TW1059

* Responses are current as of 01/19/2024 11:21 AM

<u>Ex. Circum</u>	<u>Service Area</u>	<u>Utility Type(s)</u>	<u>Contact</u>	<u>Alternate Contact</u>	<u>Emergency Contact</u>	<u>Positive Response</u>
No	ZAYO GROUP / FORMERLY LIGHTWAVE, LLC FLW941	FIBER	HENRY KLOBUCAR (406) 496-6510	STAKE CENTER / LOUIS SIMONE (772) 579-8956	JON RAY (813) 417-2184	
No	FRONTIER COMMUNICATIONS GT1722	CATV, COMMUNICATION LINES	TONI CANNON (813) 875-1014		AFTER HOURS CRAIG ELLISON, USIC. (800) 575-5594	
No	HILLSBOROUGH COUNTY TRAFFIC SERVICE UNIT HCR409	STREET LIGHTS, TRAFFIC SIGNALS	DARRYLE NORTON (813) 399-2848	GEORGE AUBEL (813) 927-6751	HILLSBOROUGH COUNTY CUSTOMER SERVICE (813) 744-9650	
No	COMCAST COMMUNICATIONS/ LK CNTY CBLV LCA395	CATV	ANDREW SWEENEY (904) 738-6898		HFC HELP DESK (855) 962-8525	
No	MCI MCIU01	COMMUNICATION LINES, FIBER	INVESTIGATIONS TEAM (800) 624-9675 x2	NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675	NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675	
No	DUKE ENERGY PE1741	FIBER	MARK HURST (727) 512-6268	USIC CHAD LAYMAN (317) 575-7804	MARK HURST (727) 512-6268	
No	UNITI FIBER LLC SL2333	FIBER	CHARLIE CROFT (251) 214-7059		NOC UNITI FIBER (877) 652-2321	
No	TRANSCORE FL DEPT OF TRANS DISTRICT 7 ITS TC2329	ELECTRIC, FIBER	KEVIN MCCAFFREY (813) 620-3983	JENNIFER JENNINGS (813) 551-1941	TODD SHAFFER (813) 620-3983	
No	TAMPA ELECTRIC COMPANY TECO01	ELECTRIC	ENGINEERING GROUP CSADMIN@TECOENE (813) 275-3037	LORENZO JONES (813) 275-3427	SYSTEM SERVICE (813) 223-0800	
No	CHARTER COMMUNICATIONS TW1059	CATV	GENE GREGORY (863) 333-4763	USIC DISPATCH OFFICE * (800) 778-9140	FLORIDA REGIONAL OPERATIONS CENTER (844) 220-2369	

Appendix D

Utility Agency Owners Correspondence

Sarah Cole

From: Palmer, Jason <Jason_Palmer3@comcast.com>
Sent: Monday, April 15, 2024 3:20 PM
To: Heather Dean; Sweeny, Andrew; Graham, James
Cc: Sarah Cole
Subject: RE: URGENT 447157-1 PH I GREEN LINES REQUEST DUE IN PSEE 2.26.204 - COMCAST

Caution: This email originated from outside of your organization. Do not click on links or attachments unless you recognize the sender address and know the content is safe.

Good Afternoon Heather,

I thought I had responded to this.

Comcast is Not Involved for this FPID 447157-1 Project.

Regards

Jason A. Palmer
Construction Specialist
4305 Vineland Rd, Orlando, FL 32811
TEL: 305-319-1601 M – F 7:00 Am to 4:00 Pm
Jason_Palmer3@cable.comcast.com

Sarah Cole

From: Heather Dean
Sent: Tuesday, February 6, 2024 3:19 PM
To: DEFDistributionGOV
Cc: Sarah Cole
Subject: RE: [EXTERNAL] PSEE: Project: 447157-1 Activity: Add Assignment, Type: Plan with Status: In Progress having Due Date: 2/26/2024 By: Heather Dean

From: DEFDistributionGOV <DEFDistributionGOV@duke-energy.com>
Sent: Monday, February 5, 2024 12:49 PM
To: Dean, Heather <Heather.Dean@dot.state.fl.us>
Cc: DEFDistributionGOV <DEFDistributionGOV@duke-energy.com>
Subject: FW: [EXTERNAL] PSEE: Project: 447157-1 Activity: Add Assignment, Type: Plan with Status: In Progress having Due Date: 2/26/2024 By: Heather Dean (KNHCLHD)

EXTERNAL SENDER: Use caution with links and attachments.

Good Afternoon Heather

The area is covered by Tampa Electric Company (TECO).

Thank You,
Toni Searcy
Highway Relocation Support
Southeast Orlando Ops Center
DEFDistributionGOV@Duke-Energy.com & DEFTransmissionGOV@Duke-Energy.com



February 5, 2024

Heather Dean, Utility Coordinator
c/o Florida Department of Transportation
11201 North McKinley Drive
Tampa, FL 33612

Re: Project #: 447157-1-52-01
Project Phase: Phase I
Plan Date: January 20, 2024
County: Hillsborough
State Road: N/A
Description: MCINTOSH ROAD ADD LANES AND RECONSTRUCT FROM S OF US 92 TO N OF DICKEY ROAD

We hereby certify that **Duke Energy Florida, LLC, a Florida Limited Liability Company, d/b/a Duke Energy Transmission**, does not have facilities located within the limits of the above-referenced project. No alterations are required.

Please find enclosed items listed below for the above-referenced project:

1. One (1) copy of correspondence requesting facilities review
2. One (1) project plan cover sheet

If you have further questions, I can be reached by sending an email to Scott.VanVelzor@duke-energy.com.

A handwritten signature in dark ink, appearing to read "S. Van Velzor", written over a faint, large "DUKE ENERGY" watermark.

(Scott Van Velzor in lieu of) Doug Reed

Duke Energy Transmission Line Engineering

Hill, Cory M.

From: Richards, Ethan <Ethan.Richards@TransCore.com>
Sent: Monday, August 5, 2024 2:23 PM
To: Young, Andrew; Hill, Cory M.
Cc: Garg, Mohit; Fox, Craig; Edward Albritton
Subject: RE: McIntosh Road PD&E Study / Utility Assessment Package / Request for Utility
Attachments: Mcintosh.kmz

Categories: Purple Category

You don't often get email from ethan.richards@transcore.com. [Learn why this is important](#)

Good Afternoon Cory,

I've attached the kmz file which should cover the requested area. Please review and reach out if you have any questions about this file, or if there's anything else that I can help with.

Thank you,

Ethan Richards | Project Engineer
TransCore | 6021 Orient Road | Tampa, FL 33610
Office: [813.620.3983](tel:813.620.3983) | Cell: 813.523.9602

From: Richards, Ethan
Sent: Monday, August 5, 2024 8:45 AM
To: Young, Andrew <Andrew.Young@TransCore.com>; Hill, Cory M. <hillcm@cdmsmith.com>
Cc: Garg, Mohit <gargm@cdmsmith.com>; Fox, Craig <Craig.Fox@dot.state.fl.us>; Edward Albritton <edward.albritton@dot.state.fl.us>
Subject: RE: McIntosh Road PD&E Study / Utility Assessment Package / Request for Utility

Good Morning Cory,

I'd be happy to help with this request. I will work with our ITSFM team to create the requested .kmz file.

Best Regards,

Ethan Richards | Project Engineer
TransCore | 6021 Orient Road | Tampa, FL 33610
Office: [813.620.3983](tel:813.620.3983) | Cell: 813.523.9602

From: Young, Andrew <Andrew.Young@TransCore.com>
Sent: Sunday, August 4, 2024 9:24 PM
To: Hill, Cory M. <hillcm@cdmsmith.com>; Richards, Ethan <Ethan.Richards@TransCore.com>
Cc: Garg, Mohit <gargm@cdmsmith.com>; Fox, Craig <Craig.Fox@dot.state.fl.us>
Subject: RE: McIntosh Road PD&E Study / Utility Assessment Package / Request for Utility

Good Evening Cory,

I am looping @Richards, Ethan, who will be able to assist you with this request.

Please let me know if there is anything additional I can help you with.

Andrew (Drew) Young, PMP | Associate Vice President
TransCore | 6021 Orient Road | Tampa, FL 33610
Office: 813.701.2862 | **Cell:** 813.376.2493

From: Hill, Cory M. <hillcm@cdmsmith.com>
Sent: Friday, August 2, 2024 10:46 AM
To: Young, Andrew <Andrew.Young@TransCore.com>
Cc: Garg, Mohit <gargm@cdmsmith.com>; Fox, Craig <Craig.Fox@dot.state.fl.us>
Subject: McIntosh Road PD&E Study / Utility Assessment Package / Request for Utility

Mr. Young,

CDM Smith has been retained by FDOT District 7 to provide professional services, including utility coordination, for the McIntosh Road PD&E Study (FPID 44715715201) from South of US 92 to North of I-4, in Hillsborough County, Florida. I have attached the preliminary concept plans to denote the project limits. We are requesting a .kmz or shape file to locate the District 7 ITS system. I have copied the Department PM for this project, Craig Fox, to assist with any necessary approvals. Please let me know if there are any questions.

Kind Regards,

Cory Hill, PE
CDM Smith | Bridge Engineer
4010 W. Boy Scout Blvd., Suite 450, Tampa, FL 33607
954-729-3466 (M) | 813-262-8822 (D) | 813-281-2900 (O)
hillcm@cdmsmith.com | cdmsmith.com

